



MRSI Newsletter

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

Volume B 17 Numbers 2 & 3

April and July 2017

From the Editors' Desk

Water splitting is one of the most promising chemical reactions for the production of hydrogen and oxygen for renewable energy sources. Especially, hydrogen acts as the fuel in polymer electrolyte membrane fuel cells. Hydrogen evolution reaction requires electro-catalysts for the water splitting to take place at a practical rate. Efforts are being made to develop several non-precious catalysts as Pt based ones are considered to be the state-of-art catalysts that are expensive. Very recently, Ru nanoparticles dispersed within a nitrogenated holey two-dimensional carbon structure (Ru@C₂N) has been developed for the hydrogen evolution reaction and shown that it can be used for the efficient generation of hydrogen [Nature Nanotechnology 12, 441-446 (2017)].

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

Volume B 17, Numbers 2 & 3, April and July 2017

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

Materials Research Society of India
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nanda@mrc.iisc.ernet.in

Awards & Distinctions Conferred on Members

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

Baldev Raj

- a) Gujar Mal Modi Science Foundation Award 2017
- b) Jawaharlal Nehru Birth Centenary Award (To honour key individual for significant and lifetime contribution to the development of Science and Technology for the country) by *Indian Science Congress Association, (ISCA), Bangalore Chapter (announced during 104th Indian Science Congress at SV University, Tirupati on 3rd January 2017); 14 November 2017*
- c) Degree of Doctor of Science (HonorisCausa) for the outstanding contribution in the field of Science and Technology by Indian Institute of Engineering Science and Technology (IEST); An Institute created by Act of Parliament, Shibbpur, 4th March 2017
- d) SASTRA-CNR Rao Award for Excellence in Chemistry & Materials Sciences, SASTRA University, Thanjavur, 28 February 2017
- e) 20th SIES Sri. ChandrasekarendraSaraswati National Eminence Award in the domain of S&T for serving the society for more than four decades, The South Indian Educational Society (SIES), Mumbai, 16 December 2016
- f) H K FirodiaVijnanRatna Award for Excellence in Science & Technology
- g) Prof. T R Anantharaman Memorial Award, Metallurgy Day, Department of Metallurgical Engineering, IIT-Banaras Hindu University, Varanasi
- h) Lifetime Achievement Award, Indian Science Monitor & Indo Asian Foundation for Archaeological Research by **Hon'ble Chief Justice M.N. Venkatachaliah**

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

STUDENTS' PROJECTS

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 2017**. 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.

Minutes of the 28th Annual General Meeting of MRSI

The Twenty Eight Annual General Body Meeting of Materials Research Society of India was held on 14th February 2017 between 5.15-6.15 PM at the Victor Menezes Convention Centre, Indian Institute of Technology Bombay, Mumbai.

Prof. S B Krupanidhi, Vice President-General Secretary presented the Annual report of MRSI for the year 2016. Some aspects of the report are given below.

1. The APAM India Chapter held its meeting on 13th February, 2017.
2. The following paper has been adjudged as the best paper in the Bulletin of Materials Science for the year 2014.
The paper entitled "Efficient functionalization of poly(styrene) beads immobilized metal nanoparticle catalysts for the reduction of crystal violet" by EAGAMBARAM MURUGAN* and PARAMASIVAM SHANMUGAM, Department of Physical Chemistry, School of Chemical Sciences, University of Madras, Maraimalai Campus, Guindy, Chennai 600025, Tamil Nadu, has been adjudged as the best paper published in the BMS, Volume (38) No.(3), June 2015, pp.629-637.
3. The statement of accounts for the year 2015-16 and the Provisional statement as on 31.12.2016 were presented at the AGM.
4. The following scientists have been elected as Honorary Members of MRSI for the year 2017.
 - i. Prof. Sridhar Komarneni (Penn State University, USA)
 - ii. Prof. Sanjay Mathur (University of Cologne, Germany)
5. The 29th Annual General Meeting of MRSI will be held at Trichy during February 14-16, 2018 in association with the Trichy chapter of MRSI.

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

New Members

Enrolled between April 1 and June 30, 2017

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Calendar of Events

June 18-23, 2017, The 9th International Conference on Materials for Advanced Technologies (IUMRS-ICMAT), Suntec Singapore Convention & Exhibition Centre, Singapore.

27 August -1 September 2017, The 15th International Conference on Advanced Materials (IUMRS-ICAM 2017), Yoshida Campus, Kyoto University, Kyoto, Japan, website : <http://www.iumrs-icam2017.org/>

October 2017, VI World Materials Summit_on Materials Innovation for the global circular economy and sustainable society, Luxembourg, Europe.

February 14-16, 2018 , 29th Annual General Meeting of MRSI. Details will follow

August 20-24, 2018, The International Conference on Electronic Materials (IUMRS-ICEM 2018), Daejeon Convention Center, Daejeon, Korea

G C JAIN MEMORIAL PRIZE FOR THE BEST Ph.D THESIS IN MATERIALS SCIENCE

The Council of MRSI decided to award an annual prize one in each calendar year for the best Ph.D. thesis in the area of Materials Science. The funds for this prize have been raised by the friends and students of Dr. G C Jain. The Guidelines and the Application form are furnished hereunder:

Guidelines

1. The prize will be given each year for the best Ph.D thesis in the broad multi disciplinary field of Materials Science, in disciplines such as Condensed Matter Physics, Chemistry, Biology, Metallurgy, Ceramics and Chemical Engineering.
2. Criteria for Selection
 - Completion of Ph.D thesis from any recognized Indian University/Research Institute/National Laboratory within the last two calendar years (2016, 2017 for the current prize)
 - Three recommendation letters should be enclosed including one from the thesis supervisor along with a one-page write-up highlighting the prime results of the thesis.
 - Quality of the work will be judged in the first stage by the Publications, Reports and Patents resulting from the thesis work.
 - The shortlisted theses will be selected after peer reviewing during November/December. Such shortlisted theses work must be presented by the students concerned in poster/oral format at the next AGM of MRSI. The final selection will be done at the AGM by a suitably constituted committee.
3. The award will have a cash prize of Rs. 6000/- and a certificate from MRSI.
4. Application in the prescribed format reproduced alongside should be sent to the Secretary, MRSI so as to reach him on or before **October 31st, 2017.**

Application Form

photo

G C Jain Memorial Prize for the Best Ph.D Thesis in Materials Science

1. **Name of the Applicant** :
2. **Address** :
 - Office :
 - Residence :
 - Telephone :
 - Fax :
 - Email :
3. **Academic Record**
(in brief) (Degree/year of passing/University) :
4. **Title of the Ph.D Thesis:**
 - a) The discipline or subject in which the Ph.D degree was awarded :
 - b) Name of the University/Laboratory/Institute :
where the Ph.D work was carried out
 - c) Name of the Research Supervisor :
 - d) Date of submission of the thesis :
 - e) Date of Award of Ph.D :
 - f) One page write-up of the thesis highlighting the prime results (to be enclosed) enclosed/not enclosed
5. **Recommendation Letters**
(from the thesis supervisor and 2 other experts)
(to be enclosed) enclosed/not enclosed
6. **List of Publications based on the thesis work**
in Journals, Reports, Conferences, Patents (to be enclosed)
Give Title of the Paper, Authors, Journal, Vol / Page/ Year for Journal Publications
enclosed/not enclosed
7. **Any additional information**

Date :

Signature

AN UPDATE OF MRSI ACTIVITIES

The MRSI Update is a consolidated statement of the major activities and achievements of MRSI. The MRSI has completed 28 years of activity and in this update, the following information is given.

- Membership status
- Awards & Honours
- Information Collection & Dissemination System
- Publications
- International Cooperation
- Annual General Meetings

Membership Status

MRSI has the following classes of membership. The status as on June 30, 2017 is:

Life Members	: 3923
Honorary members	: 171
Patron members	: 84

Awards and Honours

International Award for Materials Science and Technology

This prize is awarded once in 2 years.

Prof. CNR Rao, JNCASR, Bangalore (2009)
Prof. Martin Jansen, Max-Planck Institut, Germany (2011)
Prof. Sir. Richard Friend, Cambridge University, UK (2013)
Prof. Peter Bruce, Oxford University, UK (2015)
Prof. A K Cheetham, Univ. of Cambridge, UK (2017)

CNR Rao Prize Lecture in Advanced Materials

Prof. S B Krupanidh (IISc, Bangalore) (2010)
Dr. S Banerjee, DAE, Mumbai (2011)
Prof. A K Sood, IISc, Bangalore (2012)
Prof. M K Sanyal, SINP, Kolkata (2013)
Prof. U Ramamurty, IISc, Bangalore (2014)
Prof. D D Sarma, IISc, Bangalore (2015)
Prof. Umesh V Waghmare, JNCASR, Bangalore (2016)
Prof. V Ramgopal Rao, IIT, Mumbai (2017)

MRSI Silver Jubilee International Medal

This prize is awarded once in 2 years.

Prof. A Suzuki, Yokohama National University, Japan (2015)
Prof. C Jagadish, Australian National University, Australia (2016)

Distinguished Materials Scientist of the Year Award

Prof. S Ramaseshan (1990)
Prof. E C Subba Rao (1991)
Prof. T R Anantharaman (1992)
Prof. C N R Rao (1993)
Dr. M S Valiathan (1994)
Prof. K L Chopra (1995)
Dr. R Chidambaram (1996)

Dr. Paul Ratnasamy (1997)
Dr. P Rama Rao (1998)
Prof C V Sundaram (1999)
Dr. R A Mashelkar (2000)
Prof. S Ranganathan (2001)
Prof. K J Rao (2002)
Prof. A K Barua (2003)
Prof. T V Ramakrishnan (2004)
Prof. K T Jacob (2005)
Prof. N Kumar (2006)
Dr. V K Aatre (2007)
Dr. S Banerjee (2008)
Dr. Baldev Raj (2009)
Prof. S K Joshi (2010)
Dr. S Sivaram (2011)
Prof. Vikram Kumar (2012)
Dr. T Ramasami (2013)
Prof. D Chakravorty (2014)
Prof. A K Raychaudhuri (2015)
Dr. G Sundararajan, ARCI, Hyderabad (2016)
Prof. A K Sood, IISc, Bangalore (2017)

MRSI-ICSC Superconductivity and Materials Science Award (Senior)

This prize is awarded once in three years.

Prof. CNR Rao, (JNCASR, Bangalore) (1993)
Dr. P Rama Rao, (UOH, Hyderabad) (1996)
Dr. S K Joshi, (NPL, New Delhi) (1999)
Dr. M S Valiathan (MAHE, Manipal) (2002)
Prof. P Ramachandra Rao (BHU, Varanasi) (2005)
Dr. J V Yakhmi (BARC, Mumbai) (2008)
Dr. P R Vasudeva Rao (IGCAR, Kalpakkam) (2011)
Dr. A K Tyagi (BARC, Mumbai) (2014)
Prof. Chandrabhas Narayana, JNCASR, Bangalore (2017)

MRSI Distinguished Lecturership Award

This prize is awarded once in 2 years.

Dr. M.S. Valiathan (SCTIMST, TRV) (1993-1994)
Prof. S. Ranganathan (IISc, Bangalore) (1995-1996)
Prof. G.V. Subba Rao (CECRI, Karaikudi) (1997-1998)
Dr. P. Ramachandra Rao (NML, Jamshedpur) (1999-2000)
Dr. P. Rodriguez (IGCAR, Kalpakkam) (2001-2002)
Dr. S. Sivaram (NCL, Pune) (2003-2004)
Prof. S. Dattagupta (SNBNCBS, Kolkata) (2005-2006)
Dr. A K Singh (NAL, Bangalore) (2007-2008)
Dr. R P Singh (Pune) (2009-2010)
Prof. Ashutosh Sharma (IIT, Kanpur) (2011-2012)
Dr. Suresh Das, NIIST, Thiruvananthapuram (2013-2014)
Prof. Dhananjai Pandey, BHU, Varanasi (2015-2016)
Prof. Bhupendra N Dev, IACS, Kolkata (2015-2016)
Prof. G K Ananthasuresh, IISc, Bangalore (2015-2016)
Prof. Indranil Manna, IIT, Kanpur (2017-2018)
Prof. S M Shivaprasad, JNCASR, Bangalore (2017-2018)

MRSI-ICSC Super Conductivity and Materials Science Annual Prize Winners

These prizes are awarded annually to two scientists.

Dr. A V Narlikar, NPL, New Delhi (1991)
Prof. G V Subba Rao, IIT, Madras (1991)
Prof. S B Ogale, UOP, Pune (1992)
Prof. J Gopalakrishnan, IISc, Bangalore (1992)
Dr. P Chaddah, CAT, Indore (1993)
Dr. A K Gupta, NPL, New Delhi (1993)
Prof. S K Malik, TIFR, Mumbai (1994)
Dr. P Ganguly, NCL, Pune (1994)
Prof. L C Gupta, TIFR, Mumbai (1995)
Dr. D Chakravorty, IACS, Kolkata (1995)
Prof. K J Rao, IISc, Bangalore (1996)
Dr. J V Yakhmi, BARC, Mumbai (1996)
Prof. A K Barua, IACS, Kolkata (1997)
Dr. Anil Kakodkar, BARC, Mumbai (1997)
Dr. P Rodriguez, IGCAR, Kalpakkam (1998)
Prof. R Vijayaraghavan, TIFR, Bombay (1998)
Dr. Y R Mahajan, ARC-I, Hyderabad (1999)
Dr. T S Radhakrishnan, IGCAR, Kalpakkam (1999)
Dr. N V Madhusudana, RRI, Bangalore (2000)
Dr. C K Gupta, BARC, Mumbai (2000)
Dr. S K Sikka, BARC, Mumbai (2001)
Dr. D Banerjee, DMRL, Hyderabad (2001)
Prof. P Ramachandra Rao, NML, Jamshedpur (2002)
Prof. A K Raychaudhuri, IISc, Bangalore (2002)
Dr. S Banerjee, BARC, Mumbai (2003)
Dr. B M Arora, TIFR, Mumbai (2003)
Prof. Dhananjai Pandey, BHU, Varanasi (2004)
Prof. S B Krupanidhi, IISc, Bangalore (2004)
Dr. Baldev Raj, IGCAR, Kalpakkam (2005)
Prof. G. Ananthakrishna, IISc, Bangalore (2005)
Prof. A K Shukla (IISc, Bangalore & CECRI, Karaikudi) (2006)
Dr. G Sundararajan (ARC-I, Hyderabad) (2006)
Prof. M K Surappa (IISc, Bangalore) (2007)
Dr. C S Sundar (IGCAR, Kalpakkam) (2007)
Dr. K S Narayan (JNCASR, Bangalore) (2008)
Prof. V Ramgopal Rao (IIT-Mumbai) (2008)
Dr. C P Sharma, (SCTIMST, Thiruvananthapuram) (2009)
Dr. H S Maiti, (CGCRI, Kolkata) (2009)
Dr. N Kumar (Defence Laboratory, Jodhpur) (2010)
Prof. O N Srivastava (BHU, Varanasi) (2010)

Prof. D Bahadur (IIT, Mumbai) (2011)
Prof. G U Kulkarni (JNCASR, Bangalore) (2011)
Prof. L M Manocha (SP University, Gujarat) (2011)
Prof. S M Shivaprasad, JNCASR, Bangalore (2012)
Dr. Amlan J Pal, IACS, Kolkata (2012)
Prof. R P Tandon, University of Delhi, Delhi (2012)
Dr. M P Janawadkar, IGCAR, Kalpakkam (2013)
Dr. R Muralidharan, SSPL, Delhi (2013)
Dr. Gautam De, CGCRI, Kolkata (2014)
Dr. V P S Awana, NPL, India (2014)
Dr. Shrikant V Joshi (ARCI, Hyderabad) (2014)
Dr. Navin Chand, AMPRI, Bhopal (2014)
Prof. Samit K Ray, IIT, Kharagpur (2015)
Dr. George Thomas, IISER, Trivandrum (2015)
Dr. S.M. Yusuf, Bhabha Atomic Research Centre, Mumbai (2016)
Prof. Tanusri Saha Dasgupta, SNBNCBS, Kolkata (2016)
Dr. Vijayamohanan K Pillai, CECRI, Karaikudi (2016)
Prof. S. Swaminathan, Sastra University, Thanjavur (2017)
Prof. B R Mehta, IIT, New Delhi (2017)
Dr. P Sujatha Devi, CGCRI, Kolkata (2017)

MRSI Silver Jubilee Medal

Dr. Satish Ogale (NCL, Pune) (2014)
Prof. G P Das (IACS, Kolkata) (2014)
Dr. Pushpito K Ghosh (CSMCRI, Bhavnagar, Gujarat) (2014)
Prof. P S Anil Kumar (IISc, Bangalore) (2014)

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MRSI Medals are awarded in recognition of excellence in a particular field of expertise within the domain of materials and processes. Recipients of these medals are invited to deliver lectures at the MRSI Annual Meeting. So far 319 Medals have been awarded. The MRSI Medal winners for the years 1990 to 2017 are listed below:

1990

Prof. S. B. Ogale, University of Poona, Pune
Dr. P. Muralidharan, SSPL, Delhi
Prof. S. V. Subramanyam, IISc, Bangalore
Prof. K. Chattopadhyay, IISc, Bangalore
Dr. V. Chandrasekharan, DMRL, Hyderabad
Prof. D. D. Sarma, IISc, Bangalore
Prof. Manu Multani, TIFR, Mumbai
Dr. A. M. Varaprasad, DMSRDE, Kanpur
Prof. G. V. Subba Rao, IIT, Madras
Dr. D. Pandey, BHU, Varanasi
Dr. S. Sivaram, NCL, Pune
Dr. M. K. Sridhar, NAL, Bangalore
Prof. C. Lakkad, IIT, Mumbai
Prof. K. A. Padmanabhan, IIT, Madras
Dr. N. C. Birla, DMRL, Hyderabad
Dr. S. Banerjee, BARC, Mumbai

1991

Prof. S. Ranganathan, IISc, Bangalore
Dr. A. H. Sequeria, BARC, Mumbai
Dr. A. K. Sreedhar, SSPL, New Delhi
Prof. A. K. Barua, IACS, Kolkata
Dr. H. S. Maiti, CGCRI, Kolkata

Prof. R. Srinivasan , IIT, Madras
Prof. B. K. Sadashiva, RRI, Bangalore
Dr. O. P. Bahl, NPL, New Delhi
Dr. D. Banerjee, DMRL, Hyderabad
Dr. J. Mukherji, CGCRI, Kolkata
Prof. D. N. Bose, IIT, Kharagpur
Dr. A. K. Singh, NAL, Bangalore
Dr. S. K. Sikka, BARC, Mumbai
Prof. J. Gopalakrishnan, IISc, Bangalore
Dr. C. K. Gupta, BARC, Mumbai
Dr. P. Rodriguez, IGCAR, Kalpakkam
Dr. V. M. Nadkarni, NCL, Pune

1992

Dr. B. K. Das, NPL, New Delhi
Prof. Vikram Kumar, IISc, Bangalore
Prof. S. Mohan, IISc Bangalore
Prof. G. Ananthakrishna, IISc, Bangalore
Dr. R. Thyagarajan, SSPL, Delhi
Prof. D. Chakravorty, IACS, Kolkata
Dr. Baldev Raj, IGCAR, Kalpakkam
Dr. A. D. Damodaran, RRL, Thiruvananthapuram
Dr.S. R. Rajagopalan, NAL, Bangalore
Dr. Pradip, TRDDC, Pune
Prof. P. Pramanik, IIT, Kharagpur
Dr. Y. R. Mahajan, DMRL, Hyderabad
Dr. G. Sundararajan, DMRL, Hyderabad
Prof. K. T. Jacob, IISc, Bangalore
Prof. P. Ramasamy, Anna Univ. Chennai
Dr. S. P. Garg, BARC, Mumbai
Prof. P. Ganguly, NCL, Pune
Prof. S. Banerjee, NML, Jamshedpur
Dr. R. Sivakumar, SCTIMST, TRV
Dr. N. Balasubramanian, Everest Ltd., Bangalore
Dr.C. G. Krishnadas Nair, HAL, Bangalore

1993

Dr. D. Ganguli, CGCRI, Kolkata
Prof. G. S. Upadhyaya, IIT, Kanpur
Dr. K. C. Patil, IISc, Bangalore
Dr. S. K. Date, NCL, Pune
Dr. L. Madhav Rao, BARC, Mumbai
Dr. Sanak Mishra, SAIL (R & D) Ranchi
Dr. Krishan Lal, NPL, New Delhi
Dr. A K Chatterjee, ACC Ltd, Thane
Prof. O. Prabhakar, IIT, Chennai
Dr. S. L. Mannan, IGCAR, Kalpakkam
Prof. K. V. S. Rama Rao, IIT, Chennai
Dr. C. Ganguly, BARC, Mumbai
Dr. R B Subramanyam, DMRL, Hyderabad
Prof. K A Natarajan, IISc, Bangalore
Dr. A K Shukla, IISc, Bangalore
Dr. C K Mathews, IGCAR, Kalpakkam

1994

Dr.K.Balakrishnan, CECRI, Karaikudi
Prof. S.V.Bhat, IISc, Bangalore
Prof. S.K.Biswas, IISc, Bangalore
Dr. R.N.Ghosh, NML, Jamshedpur
Prof. V.V.P.Kutumba Rao, BHU, Varanasi
Dr. S.K.Mitra, Tata Steel, Jamshedpur
Dr. T.S.Radhakrishnan, IGCAR, Kalpakkam
Dr.(Mrs).G.Rohini Devi, DRDL, Hyderabad
Dr. C.S.Sundar, IGCAR, Kalpakkam
Prof. M.S.Hegde, IISc, Banalore
Prof. H.L.Bhat, IISc, Bangalore

Dr. D.Bhattacharya, IIT, Kharagpur
Dr. Sudhir S.Kulkarni, NCL, Pune
Dr. C.Manohar, BARC, Mumbai
Prof. A.K.Pal, IACS, Kolkata
Dr.(Mrs) Indira Rajgopal, NAL, Bangalore
Dr. C.P.Sharma, SCTIMST, Thiruvananthapuram
Prof.S.V.Suryanarayana, OU, Hyderabad

1995

Prof.S.C.Agarawal, IIT, Kanpur
Dr. A.K.Gupta, NPL, New Delhi
Prof.T.R.N.Kutty, IISc, Bangalore
Prof. L.M.Manocha, S.P.University, Vallabh Vidyanagar
Dr.T.K.Mukherjee, BARC.Mumbai
Dr.B.K.Sarkar, CGCRI, Kolkata
Prof.Subrata Ray,Univ. of Roorkee, Roorkee
Prof.Pushpa Bajaj, New Delhi
Dr.Pran Kishan,SSPL, Delhi
Prof.L.K.Malhotra,IIT, New Delhi
Dr.O.N.Mohanty, TISCO,Jamshedpur
Dr.V.S.Raghunathan, IGCAR, Kalpakkam
Prof.S.P.Sengupta,IACS, Kolkata
Prof.Shamsuddin,BHU,Varanasi

1996

Dr.B.M.Arora,TIFR, Mumbai
Prof. A K Raychaudhuri,IISc,Bangalore
Dr.A.K.Grover, TIFR, Mumbai
Dr. E.V.Sampath Kumar, TIFR,Mumbai
Dr. S. A. Shivashankar, IISc, Bangalore
Dr. Subhash Chandra, NPL, Pune
Dr. Vikram Jayaram, IISc, Bangalore
Dr. Vijay Kumar, IGCAR, Kalpakkam
Dr.Arun Umarji, IISc,Bangalore
Dr.D.Bahadur, IIT, Mumbai
Prof.T.Nagarajan, Madras University, Chennai
Prof. R G Sharma, NPL, New Delhi
Prof. R. P. Singh, IIT, Kharagpur
Dr. K. Vijayamohanan, NCL, Pune
Prof. U. V. Varadaraju, IIT, Chennai

1997

Dr. G. Banerjee, CGCRI, Kolkata
Dr.K.Bhanu Sankara Rao, IGCAR, Kalpakkam
Dr.A.Jayakrishna, SCTIMST, Thiruvananthapuram
Dr. V. N. Krishnamurthy, VSSC, Thiruvananthapuram
Dr. N. G. Nair, IIT, Chennai
Dr. M. C. Pandey, DMRL, Hyderabad
Dr. Rameshwar Jha, TISCO, Jamshedpur
Prof. M. K. Surappa, IISc, Bangalore
Dr. B P Sharma, BARC, Mumbai
Dr. B. K. Godwal, BARC, Mumbai
Prof. T. N. Guru Row, IISc., Bangalore
Prof. S. B. Krupanidhi, IISc., Bangalore
Dr. B. M. Mandal, IACS, Kolkata
Dr. K. S. Narayan, JNCASR, Bangalore
Prof. R. Pinto, TIFR, Mumbai
Prof. V. D. Vankar, IIT,New Delhi
Prof. V. N. Rajasekharan Pillai, M G University Kottayam

1998

Dr. A.K.Jha, RRL, Bhopal
Prof. B. Viswanathan, IIT, Chennai
Dr. Neeraj Khare, NPL, Delhi
Dr.(Ms) Prabha R Chatterjee, ICT,Hyderabad

Dr. P.R.Vasudeva Rao, IGCAR, Kalpakkam
Prof. S.N. Kaul, Central University, Hyderabad
Dr. G.Malakondaiah, DMRL, Hyderabad
Dr. Om Prakash, BHU, Varanasi
Dr. Prabha D Nair, SCTIMST, Thiruvananthapuram
Dr. P.S.Goyal, BARC, Mumbai
Mr. K.S.Ghosh, TISCO, Jamshedpur
Dr. K.B.R.Varma, IISc, Bangalore
Dr. T.Bandyopadhyaya, CGCRI, Kolkata

1999

Dr. R Balasubramanian, IIT Kanpur
Dr. G V Kulkarni, JNCASR, Bangalore
Dr. Navin Chand, RRL, Bhopal
Dr. S K Ray, IGCAR, Kalpakkam
Dr. K Sreenivas, SCTIMST, Thiruvananthapuram
Dr. A Venkateswara Rao, Shivaji University Kolhapur
Dr. Santanu Bhattacharya, IISc, Bangalore
Dr. M K Banerjee, BEC, Bengal
Dr. S Natarajan, JNCASR, Bangalore
Dr. T Rajasekharan, DMRL, Hyderabad
Dr. S M Sharma, BARC, Mumbai
Dr. Swati Ray, IACS, Kolkata
Dr. GVS Sastry, BHU, Varanasi

2000

Dr. R Bhattacharya, NPL, New Delhi
Prof. Atul Choksi, IISc, Bangalore
Dr. G P Das, BARC, Mumbai
Dr. S C Gupta, BARC, Mumbai
Dr. Y Hariharan, IGCAR, Kalpakkam
Prof. I Manna, IIT, Kharagpur
Prof. S N Ojha, BHU, Varanasi
Dr. A R Raju, JNCASR, Bangalore
Dr. T G Ramesh, NAL, Bangalore
Prof. M K Sanyal, SINP, Kolkata
Prof. Ajay Sood, IISc, Bangalore
Dr. A K Suri, BARC, Mumbai
Dr. V K Wadhawan, CAT, Indore

2001

Shri. Chintamani, NFC, Hyderabad
Dr. A Ghosh, IACS, Kolkata
Dr. Gurnam Singh, CAT, Indore
Prof. R Nagarajan, TIFR, Mumbai
Dr. G J Prasad, BARC, Mumbai
Dr. K Sheela Ramasesha, NAL, Bangalore
Dr. B Viswanathan, IGCAR, Kalpakkam
Dr. G K Dey, BARC, Mumbai
Dr. A Govindaraj, SSCU, IISc, Bangalore
Dr. M Jayabalan, SCTIMST, Thiruvananthapuram
Dr. S K Pabi, IIT, Kharagpur
Dr. N Ramakrishnan, DMRL, Hyderabad
Dr. T Ramasami, CLRI, Chennai
Dr. K G Satyanarayana, RRL, Thiruvananthapuram
Dr. O M Sreedharan, IGCAR, Kalpakkam

2002

Prof. Ashok Misra, IIT, Bombay, Mumbai
Dr. Bhuvaneshwar G S, SCTIMST, Thiruvananthapuram
Dr. Chaplot S L, BARC, Mumbai
Prof. Damodara Das V, IIT, Madras, Chennai
Prof. Devendra Kumar, BHU, Varanasi
Kumar A N, Indian institute of Technology, Delhi
Majumdar S D, ACC, Thane
Pawar S H, Shivaji University, Kolhapur

Prof. Pradeep T , IIT, Madras, Chennai
Prof. Ramakrishnan S, IISc, Bangalore
Dr. Shobhana Narasimhan, JNCASR, Bangalore
Prof. Shrikant V Joshi , ARC-I, Hyderabad
Dr. Subramanian P N, VSSC, Thiruvananthapuram

2003

Dr. Amarnath Sen, CGCRI, Kolkata
Dr. Bharathi A, IGCAR, Kalpakkam
Prof. Bhupendra N Dev, Institute of Physics, Bhubaneswar
Prof. Devang V Khakhar, IIT, Mumbai
Prof. Jyothindra Kumar K, Govt. Dental College,
Thiruvananthapuram
Dr. Kothiyal G P, BARC, Mumbai
Dr. Maitra A N, Univ. of Delhi, Delhi
Dr. Mitra R, IIT, Kharagpur
Dr. Murali Sastry, NCL, Pune
Prof. Narayanasamy A, Univ. of Madras, Chennai
Dr. Pillai C K S, RRL, Thiruvananthapuram
Prof. Sekhon S S, Guru Nanak Dev Univ, Amritsar
Prof. Shanker Ram, IIT, Kharagpur

2004

Dr. B.C. Pai, RRL, Thiruvananthapuram
Dr. Debabrata Basu, CGCRI, Kolkata
Prof. A.K. Nandi, IACS, Kolkata
Prof. B.S. Murty, IIT, Kharagpur
Dr. Suman Kumari Mishra, NML, Jamshedpur
Prof. B.R. Mehta, IIT, Delhi
Dr. Pushan Ayyub , TIFR, Mumbai
Dr. V. Venugopal, BARC, Mumbai
Dr. M. Vijayalakshmi, IGCAR, Kalpakkam
Dr. S.C. Jain, NFC, Hyderabad
Dr. R.M.V. Gopalakrishna Rao, NAL, Bangalore
Dr. B.D.Malhotra, NPL, Delhi
Dr. T.L. Prakash, C-MET, Hyderabad

2005

Dr. Arvind Sinha, NML, Jamshedpur
Dr. Balasubramanian S, JNCASR, Bangalore
Dr. Budhani R C, IIT, Kanpur
Prof. Byrappa K, Mysore University, Mysore
Prof. Chandrasekaran S, IISc, Bangalore
Dr. Goutam De, CGCRI, Kolkata
Dr. Kulshreshtha S K, BARC, Mumbai
Dr. Radhakrishnan S, NCL, Pune
Dr. Sulabha Kulkarni, Pune University, Pune
Prof. Subhadra Chaudhuri, IACS, Kolkata
Dr. Tyagi A K (BARC, Mumbai
Dr. Umesh Waghmare, JNCASR, Bangalore

2006

Dr. Amlan J Pal, IACS, Kolkata
Dr. Ganguli A K, IIT, Delhi
Dr. George Thomas K, RRL, Thiruvananthapuram
Prof. Kashyap B P, IIT, Mumbai
Dr. Muraleedharan Nair K G, IGCAR, Kalpakkam
Dr. Patra A. CGCRI, Kolkata
Dr. Poonam Tandon, Lucknow University, Lucknow
Prof. Sampath S, IISc, Bangalore
Dr. Sharada Srinivasan, NIAS, Bangalore
Dr. Shivaprasad, S M, NPL, New Delhi
Prof. Siddartha Das, IIT, Kharagpur
Dr. Srikanth S, NML, Chennai
Dr. Swapan Pati K, JNCASR, Bangalore

Dr. Upendra Natarajan, NCL, Pune

2007

Dr. Ajayaghosh A, RRL, Thiruvananthapuram
Dr. Ashim Kumar Mukhopadhyay, DMRL, Hyderabad
Dr. Ashok M Raichur, IISc, Bangalore
Dr. Basu R N, CGCRI, Kolkata
Dr. Chacko Jacob, IIT Kharagpur
Dr. Chandrabhas N, JNCASR, Bangalore
Dr. Parthasarathi G, NGRI, Hyderabad
Dr. Pathak L C, NML, Jamshedpur
Prof. Ranganathan R, SINP, Kolkata
Dr. Subrata Chatterjee, Bengal Engg & Sci University, Howrah
Dr. Sujeet Chaudhary, IIT-Delhi, New Delhi

2008

Dr. D P Amalnerkar, C-MET, Pune
Prof. Arun Chattopadhyay, IIT, Guwahati
Dr. Ashok Kumar Ray, NML, Jamshedpur
Dr. Dilshad Akhtar, DMRL, Hyderabad
Dr. R K Kotnala, NPL, New Delhi
Prof. Y N Mohapatra, IIT-Kanpur
Prof. N K Mukhopadhyay, BHU, Varanasi
Prof. S K Ray, IIT, Kharagpur
Dr. P Sujatha Devi, CGCRI, Kolkata
Dr. Suresh Das, RRL, Thiruvananthapuram
Dr. A K Tyagi, IGCAR, Kalpakkam
Dr. S M Yusuf, BARC, Mumbai

2009

Dr. Absar Ahmad, National Chemical Laboratory, Pune
Prof. A Basu Mallick, BESU, Shibpur, Howrah
Dr. S K Bhaumik, NAL, Bangalore
Dr. Karabi Das, IIT, Kharagpur
Dr. T Prem Kumar, CECRI, Karaikudi
Prof. A Sundaresan, JNCASR, Bangalore
Dr. S Sethuraman, Center for Nanotechnology & Advanced Biomaterials, Thanjavur
Dr. Shantikumar Nair, Amrita Institute of Nanoscience, Kochi
Dr. M T Sebastian, NIIST, Trivandrum
Prof. Subodh Kumar De, IACS, Kolkata
Prof. Subhasis Ghosh, J N University, New Delhi
Dr. Tata Narasinga Rao, ARC-I, Hyderabad
Dr. B V R Tata, IGCAR, Kalpakkam
Prof. Uday Maitra, IISc, Bangalore

2010

Dr. S R Barman, UGC-DAE Consortium for Scientific Research, Indore
Dr. Subhasish Basu Majumder, IIT, Kharagpur
Dr. D Ramaiah, NIST, Thiruvananthapuram
Dr. T Gnanasekaran, IGCAR, Kalpakkam
Prof. B Jagirdar, IISc, Bangalore
Prof. R K Mandal, BHU, Varanasi
Dr. P K Khanna, C-MET, Pune
Dr. V P S Awana, NPL, New Delhi
Dr. P R Harikrishna Varma, SCTIMST, Trivandrum
Dr. P K Biswas, CGCRI, Kolkata
Dr. Bharat B Kale, C-MET, Pune
Dr. D K Aswal, BARC, Mumbai
Dr. K K Nanda, IISc, Bangalore
Dr. A K Singh, DMRL, Hyderabad
Prof. R Murugavel, IIT, Mumbai

2011

Dr. Avnish Kumar Srivastava, NPL, New Delhi
Prof. Asim Bhaumik, IACS, Kolkata
Dr. Harish C Barshilia, NAL, Bangalore
Dr. John Philip, IGCAR, Kalpakkam
Dr. C Gouri, VSSC, Thiruvananthapuram
Prof. M Eswaramoorthy, JNCASR, Bangalore
Dr. O S Panwar, NPL, New Delhi
Dr. N Ravishankar, MRC, IISc, Bangalore
Prof. Arindam Banerjee, IACS, Kolkata
Prof. Rajiv Prakash, BHU, Varanasi
Dr. L M Kukreja, RRCAT, Indore
Dr. Anil Kumar P S, IISc, Bangalore
Dr. Ram Gopal, Allahabad University, Allahabad

2012

Dr. B L V Prasad, NCL, Pune
Prof. R Vijayaraghavan, VIT, Vellore
Prof. I Samajdar, IIT, Mumbai
Prof. T K Nath, IIT, Kharagpur
Dr. S A R Hashmi, AMPRI, Bhopal
Prof. K K Raina, Thapar University, Patiala
Prof. (Mrs) S Manocha, S P University, Vallabh Vidyanagar
Dr. Tarun K Mandal, IACS, Kolkata
Dr. R Mukhopadhyay, BARC, Mumbai
Dr. P Barat, Variable Energy Cyclotron Centre, Kolkata
Prof. Vinay Gupta, University of Delhi, Delhi
Prof. Arindam Ghosh, IISc, Bangalore
Prof. Ratnamala Chatterji, IIT, New Delhi
Prof. Bikramjit Basu, IISc, Bangalore
Dr. Roy Johnson, ARC-I, Hyderabad
Dr. Chandra Prakash, DRDO, Delhi

2013

Dr. Subi Jacob George, JNCASR, Bangalore
Prof. Aninda J Bhattacharyya, IISc, Bangalore
Dr. Sabu Thomas, M G University, Kottayam
Dr. Kota Murali, IBM India, Bangalore
Dr. Sheela Berchmans, CERI, Karaikudi
Dr. G Padmanabham, ARC-I, Hyderabad
Dr. A M Biradar, NPL, New Delhi
Prof. Jyotsna Dutta Majumdar, BESU, Shibpur
Dr. G Amarendra, IGCAR, Kalpakkam
Dr. Kulamani Parida, Instt. of Minerals and Materials Technology, Bhubaneswar
Dr. Nikhil K Singha, IIT, Kharagpur
Dr. S K Gupta, BARC, Mumbai
Dr (Mrs). Lakshmi Kantam, IICT, Hyderabad

2014

Dr. Satish Patil, IISc, Bangalore
Prof. N Karak, Tezpur University, Tezpur
Prof. T K Maji, JNCASR, Bangalore
Prof. Alokmay Datta, SINP, Kolkata
Dr. Shyamal Kumar Saha, IACS, Kolkata
Dr. N. Kalaiselvi, CERI, Karaikudi
Prof. T P Sinha, Bose Institute, Kolkata
Dr. Pankaj Poddar, NCL, Pune
Prof. Nandita DasGupta, IIT, Madras
Dr. Anoop Mukhopadhyay, CGCRI, Kolkata
Prof. Manjunatha Pattabi, Mangalore University, Mangalore
Dr. K K Chattopadhyay, Jadavpur University, Kolkata
Dr. S C Gadkari, BARC, Mumbai

Dr. Sangeeta Kale, DIAT, Pune
Dr P Prabhakar Rao, NIIST, Trivandrum
Dr K Nagarajan, IGCAR, Kalpakkam
Prof. Rabibrata Mukherjee, IIT, Kharagpur
Dr. R Gopalan, ARC-I, Hyderabad
Dr. N R Munirathnam, C-MET, Hyderabad
Prof. Abhishek Singh, IISc, Bangalore
Prof. Ashish Garg, IIT, Kanpur

2015

Dr. Nikhil R Jana, IACS, Kolkata
Prof. Dr. S Gopukumar, CERI, Karaikudi
Prof. P P Chattopadhyay, Indian Institute of Engineering
Science and Technology, Kolkata
Dr. Beena Rai, Tata Research Development & Design
Centre, Pune
Dr. V Kumar, C-MET, Thrissur
Prof. K RS Priolkar, Goa University, Goa
Dr. (Mrs).Chandana Rath, BHU, Varanasi
Dr. N V Chandra Shekar, IGCAR, Kalpakkam
Prof. K K Bamzai, University of Jammu, Jammu
Prof. Priya Mahadevan, S N Bose Centre, Kolkata
Dr. V M Jali, Gulbarga University, Gulbarga
Prof. V Adyam, IIT, Kharagpur
Dr. R Subasri, ARCI, Hyderabad
Dr. Ajay Dhar, NPL, New Delhi
Dr. G T Chandrappa, Bangalore University, Bangalore

2016:

Dr. Sebastian C Peter, JNCASR, Bangalore
Dr. S Vasudevan, CECRI, Karaikudi
Dr. Debashish Sarkar, NIT, Rourkela
Dr. R Ranjith, IIT, Hyderabad
Dr. Mahesh Kumar, IIT, Jodhpur
Dr. Anirban Bhattacharyya, University of Calcutta,
Kolkata
Dr. Tarun Kumar Sharma, RRCAT, Indore
Dr. Basanta Roul, BEL, Bangalore
Dr. Bhoje Gowd, NIIST, Trivandrum
Prof. Subhananda Chakrabarti, IIT, Mumbai
Dr. Mrinal Pal, CGCRI, Kolkata
Dr. Pallab Banerji, IIT, Kharagpur
Dr. Rajesh K Sharma, SSPL, Delhi
Prof. Indra Dasgupta, IACS, Kolkata
Prof. Kalyan Mandal, S N Bose Centre, Kolkata
Dr. Ranjan Mittal, BARC, Mumbai
Dr. B K Panigrahi, IGCAR, Kalpakkam
Prof. Mushahid Husain, Rohilkhand University, Barielly

2017:

Dr. Kanishka Biswas, JNCASR, Bangalore
Dr. T Govindaraju, JNCASR, Bangalore
Dr. Kana M Sureshan, IISER, Trivandrum
Dr. R S Jayasree, SCTIMST, Trivandrum
Dr. Saibal Basu, BARC, Mumbai
Dr. R Jayakumar, Amrita Institute of Medical Sciences,
Kochi
Dr Partha Bhattacharyya, IEST, Shibpur
Prof. Prasanta K. Das, IACS, Kolkata
Prof. Susanta Banerjee, IIT, Kharagpur
Dr. Biswarup Satpati, SINP, Kolkata
Dr. Neeraj Sinha, Office of the Principle Scientific
Secretary, GoI, New Delhi
Dr. P V Satyam, IOP, Bhubaneswar

Dr. Rajendra Singh, IIT, New Delhi
Dr. Anjan Barman, S N Bose Centre, Kolkata

BEST PAPER PRIZE (For publication in the
Bulletin of Materials Science)

1990:

“A cold model study of mass transfer in Q-BOP” by Prof.
S L Malhotra, Dr. S Singh and Dr. N Prasad, BHU,
Varanasi, Bulletin of Materials Science, Vol. 12 (1989), p
369

1991:

“Thermodynamic properties of Pt₅La, Pt₅Ce, Pt₅Pr, Pt₅Tb
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BEST POSTER PRIZES

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‘Effect of Curing Temperature and Fibre Loading on the swelling behavior of Isora fibre reinforced Natural rubber Composites in oils used in automobiles’ by Lovely Mathew, Joseph K.U. and Rani Joseph Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology, Cochin

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‘Nanotechnology via Solution Chemistry’ by Shobhit C and Khanna P K, C-MET, Pune

‘Superhydrophilic and Photocatalytic properties of Sol-Gel TiO₂ Thin Films on Glass’ by Mahata S and Kundu Debtoosh, CGCRI, Kolkata

‘Observation of TO₁ soft mode in SrTiO₃ thin films by THZ-time domain spectroscopy’ by Misra M, University of Lucknow, Lucknow, Kotani K, Kawayama I, Murakami H and Tonouchi M, Osaka University, Japan

‘Stabilization of high temperature form of Orthorhombic CaCO₃ using reserve Micelles: source of Calcium Oxide Nanoparticles’ by Ahmed J, Vaidya S, Ahmad T and Ganguli A K, Dept. of Chemistry, IIT- Delhi, New Delhi

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‘A new phase boundary in the phase diagram of (1-x)[Pb(Mg_{1/3}Nb_{2/3})O₃]-xPbTiO₃’ by Singh AK, Singh SP and Pandey D, BHU, Varanasi

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‘Patterned silicon wafer for nanostructure growth’ S K Panda and C Jacob, Materials Science Centre, Indian Institute of Technology, Kharagpur.

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‘Ultra high purification of gallium through multi-step processing for opto-electronic device applications’ U Rambabu, N R. Munirathnam and T L Prakash, Centre for Materials for Electronics Technology, Hyderabad.

‘Preparation and characterization of β-PVDF films’ Anjana Jain, Kalyan Sundaram, V Vedha Prakash, National Aerospace Laboratories, Bangalore and H.H. Kumar, ARDE, Pashan, Pune

“Effect of Mn^{III} acetylacetonate complexes on the hydrophilicity of nanocrystalline sol-gel derived TiO₂ films by dip-coating technique” Ravi Ranjan Pandey, C P Sharma, K K Saini, Vinod Tanwar, Chandra Kant, Davinder Singh, Balbir Singh, National Physical Laboratory, Dr. K S Krishnan Road, New Delhi and Man Singh, Department of Chemistry, Chemistry Research Lab, Deshbandhu College, University of Delhi, New Delhi.

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“β-SiC/SiO₂ nanocables synthesized by APCVD technique”, S K Panda, J Sengupta and C Jacob, Indian Institute of Technology, Kharagpur.

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“Synthesis of Au@Pd nanoparticles in Alumina Sols” Debrina Jana, Anirban Dandapat and Goutam De, Central Glass and Ceramic Research Institute, Kolkata.

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‘HRTEM characterization of Ceria-Zirconia multilayer prepared by pulsed laser deposition’ by Chanchal Ghosh, Divakar Ramachandran, P Kuppusami, E Mohandas and D Santikumar, IGCAR, Kalpakkam and G Balakrishnan, National Institute of Technology, Tiruchirappalli.

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‘Biosensing Studies of Capped ZnS Nanoparticles for Sensing Applications’ by Manoj Sharma and O.P. Pandey, School of Physics and Materials Science, Thapar University, Patiala 147004

‘Investigation of fiber treatment on Fiber/Matrix Adhesion and Physico-Mechanical Properties of Sisal Reinforced Polyester composites’ by Ruhi Haque, Mohini Saxena, S.C. Shit and P. Ashokan Advanced Materials and Processes Research Institute (CSIR), Bhopal- 462064

‘A novel approach to Electro-optic and Thermo-chromic behavior of Polymer Stabilized Liquid Crystal composite film’ by Rishi Kumar and K.K.Raina, Material Research Laboratory, School of Physics and Material Science, Thapar University, Patiala 147004, India

‘Size controlled synthesis of zinc oxide rods via sonochemical process’ by Arpita Jana, P Sujatha Devi and N R Bandyopadhyay, School of Materials Science and

Engineering Bengal Engineering and Science, University, Shivpur,

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“Morphological studies of langmuir Blodgett films of polyaniline-TiO₂ composite material”, Gurpreet Kaur Bhullar and K K Raina, Thapar University, Patiala.

“Synthesis of self sequestering surfactant from methyl isoricinoleate with maleic and phthalic anhydride and determination of stability constant with Ca²⁺ ions complexometrically” Sushil Kumar, Bhai Gurdas Institute of Engineering and Technology, Sangrur, R P Singh, Guru Nanak Dev Engineering College, Ludhiana and Sukhpri Singh, Guru Nanak Dev University, Ludhiana.

“Chemical compatibility of borosilicate glasses with YSZ for SOFC applications”, Gurbinder Kaur, O P Pandey and K Singh, Thapar University, Patiala.

“Vivid studies pertaining to synthesis of nanostructures of molybdenum oxide”, Nilam Qureshi, Manish Shinde, Govind Umarji, Uttam Malik and Dinesh Amalnerkar, C-MET, Pune.

“Growth of thick ZnO thin films for acoustic sensors and SAW devices”, Reema Gupta, Vinay Gupta, Kajal Jindal, Anjali Sharma, Monika Tomar, University of Delhi, Delhi, Mahanth Prasad, Arti Arora, CEERI, Pilani.

“Preparation and characterization of barium hexaferrite prepared from barium monoferrite”, Samiksha Verma, Pooja Chauhan, O P Pandey and Puneet Sharma, Thapar University, Patiala.

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“Glassy behavior in multiferroic Ba₃NbFe₃Si₂O₁₄ “ by Satyapal Singh Rathore and Satish Vitta, Department of Metallurgical Engineering and Materials Science, Indian Institute of Technology Bombay, Mumbai – 400 076, India

“Rare Earth Intermetallic compounds RCoNi (R = Gd, Tb, Dy and Ho) for low temperature magnetic refrigeration applications” by Rajib Mondal, Department of Physics, Indian Institute of Technology Madras, Chennai 600 036, R. Nirmala, Department of Physics, Indian Institute of Technology Madras, 600 036, J. Arout Chelvane, Defence Metallurgical Research Laboratory, Hyderabad 500 058, India
A. K. Nigam, Tata Institute of Fundamental Research, Mumbai 400005,

“Tuning the photoluminescence of ferroelectric liquid crystal by controlling the size of dopant ZnO quantum dots” by Prasun Ganguly, T. Joshi, D Haranath, and A M Biradar, CSIR-National Physical Laboratory, Dr. K.S. Krishna Road, New Delhi-110012, S. Singh, Department of Physics, Banaras Hindu University, Varanasi – 221005,

“Ligament coarsening in Nanoporous Gold : A Positron Annihilation Study” by V. A. Chirayath, R. N. Viswanath, R. Rajaraman, G. Amarendra, C.S. Sundar, Materials Science Group, Indira Gandhi Centre for Atomic Research, Kalpakkam 603 102

“Structural Characteristics and mechanical properties of Reactive DC magnetron sputtered nanocrystalline TiN thin films at target power of 50 W” by Dinesh Kumar D, and R Jayavel Centre for Nanosciences and Technology, Anna University, Chennai – 600 025, India, and S. Kalaiselvam, Department of Mechanical Engineering, Anna University, Chennai – 600 025, India

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“Effect of texture coefficient on nanocrystalline SnO₂ based sensors for NO₂ Sensing” by Manjeet Kumar, Akshay Kumar and A. C. Abhyankar

“Controlled, electroless and rapid synthesis of carbon nanotubes/gold nanoparticles nanocomposite by spontaneous reduction of gold ions” by Ravi Nandan, Gopal K. Goswami and Karuna K. Nanda

“Growth of 2” Silicon Carbide (SiC) Single Crystal – Unique Wide Band Gap Semiconductor for Advance Electronic Application” by Sandeep Mahajana, M. V. Rokadea, S. T. Alia, N. R. Munirathnam, S. Debb, D. V. Sridhararaob, M. Vijayakumar b and A. K. Garg

“Nano Oxides for Performance Enhancement of Li-ion Batteries” by Raghu C Reddy, R Narasimha Rao and N R Munirathnam

“Liquid Crystal Based Highly Sensitive Bovine Serum Albumin Biosensor” by Prasun Ganguly, Ajay Kumar, Vikash Sharma, and A. M. Biradar

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“Energy-Savvy Synthesis of Ti-Based Anodes for Li-Ion Batteries” by S Ghosh, and P Barpanda, Materials Research Centre, Indian Institute of Science, Bangalore, Y Kee, and S Okada, Institute for Materials Chemistry and Engineering, Kyushu University, Japan.

“Development of a compact water purification media of a sintered porous matrix of Rice-Husk ash and APTES-Functionalized clay impregnated with Nano-Silver” by Rajshree Patil, Shankar Kausley, Dilshad Ahmad and Chetan Malhotra, Tata Research Development and Design Centre, Pune.

“Structural, Microscopic, Spectroscopic and Electrical Properties of Nanosized Cerium Orthovanadate” by Seema Verma, Bindu Raina and K K Bamzai, University of Jammu, Jammu.

“Silicon Carbide (SiC) Single Crystal Growth by Physical Vapor Transport and Challenges” by Sandeep Mahajan, R V Rokade, S T Ali and N R Munirathnam, Centre for Materials for Electronics Technology (C-MET), Hyderabad, S Deb, D V Sridhararao, L Durai and V V Bhanuprasad, Defence Metallurgical Research Laboratory,

Hyderabad and A K Garg, Solid State Physics Laboratory, Delhi.

“Multifunctional ZnFe₂O₄ Nanoparticle Based Dual Drug Delivery Platform” by Debabrata Maiti, Arindam Saha and P Sujatha Devi, Central Glass and Ceramic Research Institute, Kolkata.

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“Highly Dispersed Polymer Nanocomposites Prepared by Delamination of Layered Double Hydroxides in Polymer Solutions: Structure and Properties” by C V S Rosely B Nagendra and E B Gowd, CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram

“Mesoporous Carbon Shell Encapsulated MnO Nanoparticles as Novel Biocompatible MR Imaging Probe” by K Deka and P Deb, Tezpur University, Tezpur

“Effect of Surface Texturing on Microstructure and Property of 304 Stainless Steel Laser Surface Alloyed with SiC-Co” by R R Behera and M R Sankar, Indian Institute of Technology, Guwahati

” Green Synthesis of Silver Nanoparticles using Ocimum sanctum Leaf Extract: in vitro Antimicrobial Activity Against Gram-Negative Bacteria” by R P Bhattacharjee A Yadav, L Sakia, P Sengupta and D K Dutta, CSIR-Northeast Institute of Science and Technology, Jorhat

“Non-Enzymatic Glucose Sensor based on Fullerene-C₆₀ Mediated Gold Nanocomposite” by S Sutradhar A Patnaik, Indian Institute of Technology Madras, Chennai

“Electrospun Zn₂SnO₄ Photoanodes for Dye Sensitized Solar Cell” by A Roy, P P Das and P S Devi, CSIR-Central Glass and Ceramic Research Institute, Kolkata and M Tathavadekar, CSIR-National Chemical Laboratory, Pune

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“Magnetic study of BaCrFe₁₀O₁₉ nanoparticles synthesized by sol-gel technique” by M. Govindaraj Shalini, A. Subha, Baidyanath Sahoo.V, Argish, Subasa C. Sahoo, Department of Physics, Central University of Kerala, Kerala

“Encoding Formation Mechanism of Dendritic Fibrous Nanosilica” by Ayan Maity, Avik Das, Debasis Sen, S. Mazumdar, Vivek Polshettiwar, Department of Chemical Sciences, TIFR, Mumbai

“Recent Advancements in optical and magnetic studies on solution processed crystalline organic thin films” by N Rawat, M. Furis, R. Waterman, R. Headrick and S McGill, Department of Physics, University of Vermont, Burlington, USA,

“Modeling of Damaged CFRP for Predicting Stiffness Degradation using Mean Field Micromechanics and Stereology”, by Chandrashekhar P. Hiremath, K Senthilnathan, Anirban Guha, Asim Tewari, Department

of Mechanical Engineering, IIT Bombay, Mumbai

“Role of the Edges and Outer Surfaces of Graphenic Structure on Its Li-Storage Behavior” by Farjana J. Sonia, Priya Johari, M. Aslam and Amartya Mukhopadhyay, Department of Metallurgical Engineering and Material Science, IIT Bombay, Mumbai.

“Assessment of Doxorubicin- loaded Dendritic Fe₃O₄ Nanoparticles for Magnetic Drug Targeting in Murine Melanoma Model” by Saumya Nigam and D. Bahadur IITB-Monash Research Academy, IIT Bombay, Mumbai

Prof. Edgar Zanotto Poster Award

“Investigation of structural integrities and stress developments during lithiation / - delithiation in amorphous Si films in the presence of buffer layers”, by Manoj K. Jangid, Farjana J. Sonia, M Aslam, Prita Pant, Amartya Mukhopadhyay Department of Metallurgical Engineering and Material Science IIT Bombay, Mumbai

INFORMATION COLLECTION AND DISSEMINATION SYSTEM

The Technology Information Forecasting and Assessment Council (TIFAC) has identified MRSI as a nodal agency for developing a data base for non-ferrous materials. In this connection, TIFAC has provided financial support to create a data bank on non-ferrous materials at MRSI headquarters, DMRL, Hyderabad dedicated for the purpose of data acquisition and storage pertaining to non-ferrous materials, technologies for their processing and areas of their application. A group of professionals with diverse background in Metallurgy, Computer Science and Library / Information science are working with this project. Presently the data bank consists of 1325 technology records on Non-ferrous Materials and it has published many value-added reports in the area of Non-ferrous Materials.

The MRSI/TIFACLINE Unit has moved to ARC-International, Hyderabad. Its scope will be widened to cover the areas of ceramics, powder metallurgy and surface engineering.

PUBLICATIONS

MRSI co-sponsors the publication of Bulletin of Materials Science (BMS) published by the Indian Academy of Sciences. In addition, several special issues of BMS have been brought out. The BMS published 228 papers in 1878 pages of scientific articles in 2016. The BMS is available on the internet (<http://www.ias.ac.in/maternal>). Starting January 2007, the Bulletin of Materials Science is co-published with Springer. Along with hyperlinks to other relevant sites, Springer provides access to the content of the Bulletin worldwide in an online full-text database on Springer link (www.springerlink.com).

MRSI is also bringing out the MRSI Newsletter which includes the ‘Calendar of Events’ where the forthcoming conferences/symposia/workshops related to Materials Science are listed along with the name and address of the

contact persons. The MRSI Newsletter is being edited by Dr. K K Nanda. Since 2011, only electronic version of the Newsletter is being published.

INTERNATIONAL COOPERATION

MRSI is a founding Adhering Body of the International Union of Materials Research Societies (IUMRS).

IUMRS together with C-MRS, MRS-INDIA, MRS-JAPAN, MRS-KOREA and MRS-TAIWAN reached an important decision in October 1992 to launch a new series of MRS Conference in Asia. The series is titled "The IUMRS International Conference in Asia" or IUMRS-ICA. The first conference of this series, IUMRS-ICA 1993, was organized by C-MRS. Later it was organized by MRS-Taiwan in 1994, MRS-Korea in 1995, MRS-Japan in 1997, MRS India in 1998, MRS China in 1999, MRS Hong Kong in 2000, MRS Mexico in 2001. No conference was held in 2002. MRS Singapore organized the ICA in 2003, MRS Taiwan in 2004. No conference was held in 2005 and MRS Korea organized in 2006.

MRSI hosted the IUMRS-ICA-98 conference in Bangalore during October 13-16, 1998 which was highly successful.

The prestigious conference IUMRS-ICAM was held in Bangalore, during October 8-13, 2007.

MRSI hosted the IUMRS-ICA 2013 during December 16-20, 2013 at Indian Institute of Science, Bangalore 560 012.

MRSI is a founding member of Asia Pacific Academy of Materials (APAM). It has continued its strong links with APAM. Prof. CNR Rao is its Founder President. Currently Prof. Kuznetsov is its President. APAM has members from India, Russia, Japan, China, Uzbekistan, Korea, Taiwan and Australia.

The APAM India chapter holds its annual meeting in conjunction with the AGM of MRSI. APAM-India Chapter has 80 members. Prof. O N Srivastava is the President of APAM India Chapter.

HONORARY MEMBERS

(elected during the period 1990-2017)

(year in the bracket indicates the year of election)

Ajayan P M, Rice University, USA (2008)
Akihisa Inoue, Tohoku University, Japan, (2001)
Alan Windle, University of Cambridge,U.K, (2003)
Alario-Franco M A, Ciudad Universitaria,Spain, (1992)
Aleksandrov Kirill S, L V Kirensky Institute of Physics, Russia, (1992)
Amelinckx S, RUCA Dept. of Physics, Belgium, (1991)
Amiya Mukherjee, University of California, U.S.A, (1997)
Andrade Joseph D, MEB,U.S.A, (1996)
Angell C A, Tempe, Arizona,U.S.A, (1999)
Armstrong Ronald W, Univ. of Maryland, U.S.A, (1995)
Arsenault R J, University of Maryland at College Park,U.S.A, (1995)
Ashby M F, University of Cambridge, U.K, (1990)
Baglin John E E, IBM Almaden Research Center, U.S.A., (1990)

Bandyo Y, National Institute for Materials Science, Japan (2010)
Bentini G C, CNR-Via GOBETTI , Italy, (1992)
Blinc R, J. Stefan Institute , Slovenia, (1992)
Bonfield William, University of Cambridge, U.K, (1993)
Brandon D G, Lehigh University,U.S.A, (1993)
Cahn John W,National Institute of Standards and Technology,U.S.A, (1993)
Cantor Brian, University of Oxford,U.K, (1996)
Catlow C R A, Davy Faraday Laboratory,The Royal Institution,U.K, (1996)
Chad A Mirkin, Northwestern University, USA (2013)
Chakravorthy B K, CNRS Lepes, 25 Avenue De Martyrs, France, (1991)
Chang R P H, Northwestern University, U.S.A, (1990)
Chaudhari Praveen, Watson Research Centre of Physical Sciences, U.S.A, (1990)
Chennupati Jagadish, Australian National University, Australia (2012)
Cheetham A K, University of California, U.S.A, (1994)
Chon Min Che, 6-28, Shinkyodong Chongnoku South, Korea, (1992)
Chowdari BVR, National University of Singapore, Singapore 119260, (2001)
Chunli Bai, Chinese Academy of Science, China (2013)
Clearfield A, Texas A & M University,U.S.A, (1996)
Claudia Felser, Max Planck Institute, Stuttgart, Germany (2016)
Cottrell Alan, University of Cambridge,U.K, (1992)
Cyrot-Lackman Francois, IEPES-CNRSC, BP 166X-380, France, (1991)
Day P, The Royal University of Great Britain,U.K, London, (1994)
Dayananda M A, Purdue University,U.S.A, (1997)
Disalvo F J, Baker Laboratory, U.S.A, (1996)
Doyama M, Teikyo University of Science & Technology, Japan, (1990)
Embury J D, McMaster University, Canada, (1993)
Endo M, Shinshu University, Japan (2014)
Esaki Leo, Shibaura Institute of Technology, Japan, (1995)
Etourneau J, Institut de Chimie de la Matiere Condensee de, France, (1994)
Dresselhaus Mildred S, Massachusetts Institute of Technology, U.S.A, (1991)
Edwards P P, The University of Birmingham,U.K, (1995)
Ferey Gerard, University of Versailles, France, (1998)
Fernando Lund, CIMAT, Chile, (2004)
Frank Karasz, Univ. of Massachusetts, U.S.A, (2003)
Fred Lange, Univ. of California, U.S.A, (2000)
Frolov K V, Russian Academy of Sciences,Russia, (1990)
Fujihara K,Yokohama National University, Japan, (1996)
Fujshima A, University of Tokyo, Tokyo, Japan, (1995)
Gatos Harry C, Massachusetts Institute of Technology, U.S.A, (1991)
George M Whitesides, Harvard University,U.S.A, (0)
Glasow Peter A, D-91054, Germany, (1994)
Gleiter H, Institute of Nanotechnology, Germany, (1994)
Gonzalez Calbet, Universidad Complutense,Spain, (1997)
Goodenough John B, Univ.of Texas (1990)
Granquist C G, Uppsala Universitet, Sweden, (2001)

Greenblatt Martha, RUTGERS, The State University of New Jersey, U.S.A, (1995)

Greenwood G W, Univ.of Sheffield,U.K, (1997)

Greer A L, Univ.of Cambridge, U.K, (2002)

Gschneidner K A, Iowa State University, U.S.A, (1993)

Hagenmuller P, Univ.of Bordeaux I, France, (1990)

Helmut Dosch, DESY, Germany (2014)

Heeger A J, Institute of Organic Solids & Polymers, U.S.A, (1998)

Hirsch Peter, Univ.Oxford, U.K, (1990)

Honig Jurgen M, Purdue University, U.S.A, (1990)

Hsiao Tsechiang, Northeast University, China, (1995)

Inokuchi H, National Space Development Agency of Japan, Japan, (1999)

Interante L V, Rensselaer Polytechnic,U.S.A, (1994)

Jack Kenneth H, U.K, (1991)

Jagdish Narayan,North Carolina State University,U.S.A, (2000)

Jain S C, IMEC, Belgium, (2001)

Jayaraman A, Carnegie Institution of Washington, U.S.A, (1990)

Kaldis E, Laborotium Fur Festkorperphysic, Switzerland, (1992)

Katsuhiko Ariga, NIMS, Japan (2016)

Khabibullaev P K, Uzbek Academy of Sciences, Uzbekistan, (1992)

Kitazawa Koichi, School of Frontier Sciences, Japan, (1991)

Kishi T, NIMS, Japan (2007)

Knut Urban, am Institut fur Festkorperforschung, Germany, (2000)

Koichi Niihara, Osaka University, Japan, (2001)

Koinuma H, Tokyo Inst. of Technology, Japan, (1996)

Kolster B H, Wentholtweg 9, 721y EE EPSE, Netherlands, (1992)

Kroenig M, Fraunhofer Institute of Non-Destructive Testing, Germany, (2000)

Kroto H W, Univ.of Sussex,,U.K, (1992)

Kuo K H, Chinese Academy of Sciences, China, (1992)

Kumar H Wikramasinghe, University of California, USA (2011)

Kuznetsov F A, Institute of Inorganic Chemistry,Russia, (1990)

Leslie Eric Cross, The Penn State University,U.S.A, (1994)

Li Heng-De, Tsinghua University, China, (1990)

Livage J, Universite Pierre et Marie Curie 4,France, (1995)

Lucas Jacques, Laboratoire Verres & Céramiques, France, (2005)

Luecke Kurt, Selzerbeeklaan 26, 6297, HW Vaals, Netherlands, (1993)

Mackay A L, Univ.of London,U.K, (1993)

Mahajan Subash, Carnegie Mellon University, U.S.A, (1991)

Margolin Harold, Polytechnical University,U.S.A, (1995)

Martin Jansen, Germany, (2002)

Masahiro Yoshimura, Tokyo Institute of Technology , Japan, (2003)

Masumoto T, The Research Institute for Electric,and Magnetic Materials, Japan, (1995)

Matthew Tirrell, Univ.of California,U.S.A, (2004)

McHenry Michael E, Carnegie Mellon University,500 Forbeb Ave,U.S.A, (1998)

Merzhanov A G, Institute of Structure Macrokinetics & Materials Science, Russia, (1997)

Metzner Arthur B, University. of Delaware, Dept. of Chemical Engineering,U.S.A, (1991)

Michael Klein, Director, LSRM,Laboratory for the Study of Materials,USA, (2005)

Mordike Barry L, Univ.of Malta, Europe, (1991)

Mrityunjay Singh, Ohio Aerospace Institute, USA (2011)

Narendra B Dahotre, University of North Texas, Texas, USA (2012)

Narayanamurthy V, Harvard University,U.S.A, (1995)

Newnham R E, Pennsylvania State University,U.S.A, 16802, (1993)

Nishizawa J I, Semiconductor Research Institute, Japan, (1992)

Ole K Andersen, Max-Planck Institute for Solid State Research, Germany, (2010)

Ossipiyan Yu A, Russian Academy of Sciences,Russia, (1991)

Parrinello M, Max-Planck-Institut fur Festkorperforschung, Germany, (1999)

Patel C K N, Pranalytical Inc, 1101 Colorado Avenue, U.S.A, (1991)

Paul Attfield J, The University of Edinburgh,,U.K, (2006)

Paul O' Brian, University of Manchester, UK (2016)

Peter Bruce, Oxford University, UK (2015)

Pouchard M, Membre de Institut Universitaire de France, France, (1994)

Ramdas A K, Purdue University, U.S.A, (1990)

Ram Katiyar, Puerto Rico University, USA (2014)

Rao Tummala R, Georgia Institute of Technology, U.S.A, (1992)

Rath Bhakta B, Naval Research Laboratory,U.S.A, (1990)

Raveau Benard, University De Caen, Chimie Du Solide, Boulv Du, Marechal Juin, France, (1991)

Roberts M W, Cardiff University, U.K, (1994)

Robert Honeycombe, Cambridge University,,U.K, (1992)

Roesky H W, Institut fur Anorganische Chemie,Germany, (1997)

Rousset A, UMR-CNRS 5085, Universite Paul Sabatier, France, (1993)

Roy Rustum, The Pennsylvania State University,U.S.A, (1990)

Ruehle M, Max-Plank Institut fur Metallforschung, (1995)

Sanjay Mathur, University of Cologne, Germany (2017)

Sellers C M, The University of Sheffield, PO Box.600,U.K, (1994)

Shechtman D,Technion, Israel, (1997)

Shichang Zou, Shanghai Institute of Metallurgy,Chinese Academy of Sciences,China, (1992)

Siegel R W, Rensselaer Polytechnik Institute,, U.S.A, (1992)

Siffert Paul, CNRS/PHASE B.P. 20, F-67037 Strasbourg Cedex 2, France, (1990)

Sleight A W, Oregon State University, U.S.A, (1995)

Smalley R E, Rice University, U.S.A, (1992)

Somasundaran P, Columbia University in the City of New York, U.S.A, (1991)

Sridhar Komarneni, Penn StateUniversity, USA (2017)

Somiya Shigeyuki, Nishi Tokyo University,Japan, (1990)

Subramanian M A, Dupont Company, U.S.A, (2002)
Sunil K Sinha, Argonne National Laboratory,U.S.A, (2001)
Suresh Subra, MIT, USA (1996)
Suzuki A, Yokohama National University, Japan (2015)
Tanaka K, Joint Research Center for Atom Technology (JRCAT) Japan, (1993)
Taplin D M R, Univ.of Plymouth, U.K, (1993)
Tarascon J M, Universitat Picardie, Lab. of Reactivity & Chemistry of Solids, France, (1996)
Thomas G, Univ.of California, U.S.A, (1994)
Thomas J M, The Royal Inst. of Great Britain, U.K, (1996)
Tokura Y, Univ.of Tokyo, Japan, (1997)
Toshiaki Enoki, Graduate School of Science & Engineering, Japan, (2005)
Underhill A E, University College of North Wales,U.K, (1995)
Vallet Regi, Universidad Complutense De Madrid, Spain, (1997)
Vijh Ashok K, Institute De Recherche, d' Hydro-Quebec (IREQ), Canada, (1991)
Vinayak P Dravid, Northwestern University, USA (2011)
Vincenzini P, International Academy of Ceramics, Italy, (1992)

Wasa Kiyotaka, 2-7-27 Chiyogaoka, Japan, (1991)
Waseda Y, Sendai, Japan (2007)
Welland M E, University of Cambridge, UK (2008)
West A R, The University of Sheffield,U.K, (1994)
Williams David F, Univ.of Liverpool, U.K, (1990)
Williams J S, Royal Melbourne Institute of Technology, Australia, (1992)
Wu Ping-Tien, Asia Chemical Corp, Taiwan, (1992)
Yacaman M J, The University of Texas at Austin, U.S.A, (1992)
Yan Dongsheng, Chinese Academy of Science,China, (1990)
Yanagida Hiroshi, Univ.of Tokyo, Japan, (1991)
Yoshiyuki Kawazoe, Tohoku University,Japan, (2002)
Zhao Z S, National Lab for Superconductivity, China (1991)

ANNUAL GENERAL MEETINGS

Sl. No	AGM	Venue	Organizers
1.	1990	National Chemical Laboratory, Pune	<i>Chairman</i> : R A Mashelkar
2.	1991	National Physical Laboratory, New Delhi	<i>Chairman</i> : S K Joshi <i>Secretary</i> : B K Das
3.	1992	Indian Institute of Science, Bangalore	<i>Chairman</i> : Ranganathan S <i>Convenor</i> : A M Umarji
4.	1993	Regional Research Laboratory, Thiruvananthapuram	<i>Chairman</i> : A D Damodaran
5.	1994	Research Centre, Imarat, Hyderabad	<i>Chairman</i> : S L N Acharyulu
6.	1995	Indian Institute of Technology, Kharagpur	<i>Chairman</i> : K L Chopra <i>Convenor</i> : H D Banerjee
7.	1996	Indian Institute of Science, Bangalore	<i>Chairman</i> : A K Singh
8.	1997	Bhabha Atomic Research Centre, Mumbai	<i>Chairman</i> : C K Gupta <i>Secretary</i> : G E Prasad
9.	1998	Indian Institute of Technology, Chennai	<i>Chairman</i> : R Natarajan
10.	1999	Regional Research Laboratory, Bhopal	<i>Convenor</i> : T C Rao
11.	2000	Sardar Patel University, Vallabh Vidyanagar	<i>Chairman</i> : V S Patel <i>Convenor</i> : L M Manocha
12.	2001	Saha Institute of Nuclear Physics, Kolkata	<i>Convenor</i> : M K Sanyal
13.	2002	Defence Metallurgical Research Laboratory, Hyderabad	<i>Convenor</i> : D Banerjee
14.	2003	Bhabha Atomic Research Centre, Mumbai	<i>Chairmen</i> : Ashok Misra / S Banerji

15.	2004	Banaras Hindu University, Varanasi	Chairman : P Ramachandra Rao Convenor : S Lele
16.	2005	National Chemical Laboratory, Pune	Chairman : S Sivaram Convenor : K Vijayamohan
17.	2006	University of Lucknow, Lucknow	Chairman : R P Singh Convenor : Poonam Tandon
18.	2007	National Physical Laboratory, New Delhi	Chairman : Vikram Kumar Convenor : Anil K Gupta
19.	2008	Sree Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvananthapuram	Chairman: G S Bhuvaneshwar Convenor: D S Nagesh
20.	2009	Saha Institute of Nuclear Physics, Kolkata	Chairman : N R Bandyopadhyay
21.	2010	Sardar Patel University, Vallabh Vidyanagar, Gujarat	Chairman: L M Manocha
22.	2011	AMPRI, Bhopal	Chairman: Anil K Gupta
23.	2012	Thapar University, Patiala	Convenor: K K Raina
24.	2013	IGCAR, Kalpakkam	Chairman: C S Sundar
25.	2014	Indian Institute of Science, Bangalore	Chairman: S B Krupanidhi
26.	2015	University of Rajasthan, Jaipur	Convenor : Usha Singh
27.	2016	NEIST, Jorhat	Convenor : P Sengupta
28.	2017	Indian Institute of Technology, Mumbai	Convenor: V S Raja

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