

<b>STUDENTS WHO RECEIVED PH.D in 2016-2017</b>				
<b>Sl No</b>	<b>Name of PhD Holder</b>	<b>Thesis Title</b>	<b>Supervisors</b>	<b>University</b>
1	Amrita Chakravarty, Research Fellow	Functionalized Carbon Nanomaterials: Synthesis, Characterization and Application	Dr.Goutam De, Dr.Arnab Mukherjee, Scientist, NSMD, CSIR-CGCRI	Jadavpur University
2	Ankita Bose, Research Fellow	All-Silica DecaDodecasil $\gamma$ Rhombohedral Zeolite Membrane for Separation of Hydrogen from Different Gas Mixtures - a Method for Production of Clean Fuel	Dr.Nandini Das, Senior Scientist, Ceramic Membrane Division, CSIR-CGCRI	Jadavpur University
3	Arindam Halder, Research Fellow	Theoretical and Experimental Studies of Optical and Multifunctional Lasing Properties of Rare Earth, Semi-metal and noble-metal doped specially Optical Fibers in Nano-engineered Glass Hosts	Dr. M C Paul, Principal Scientist, Fibre Optics and Photonics Division, CSIR-CGCRI, Dr. S K Bhadra, Ex-Chief Scientist, Fibre Optics and Photonics Division, CSIR-CGCRI	Jadavpur University
4	Debabrata Maiti, Research Fellow	Synthesis, Characterization and Multipurpose Applications of Iron Oxide based Nanomaterials	Dr. P. Sujatha Devi, Senior Principal Scientist and Head, Sensor and Actuator Division, CSIR-CGCRI	Jadavpur University
5	Debasish Das	Studies on Synthesis of Nano-Scale SOFC Components and Development of Thin Films using Electrophoretic Deposition Technique	Dr. R. N. Basu, Chief Scientist, HOD, Fuel Cell and Battery Division, CSIR-CGCRI	Jadavpur University
6	Koushik Bhowmik, Research Fellow	Graphene based Nanocomposites: Synthesis, Characterization and Application	Dr.Goutam De, Chief Scientist and Head, NSMD, CSIR-CGCRI	Jadavpur University
7	Manish Kumar Mishra, Research Fellow	Semiconductor Nanoparticles Incorporated Composite Coatings, and Their Photophysical Behaviours	Dr.Goutam De, Chief Scientist and Head, NSMD, CSIR-CGCRI	Jadavpur University

8	Manjima Bhattacharya, Research Fellow	Contact Deformations in Brittle Solids	Dr. Anoop Kumar Mukhopadhyay, Chief Scientist and HOD, Advanced Mechanical and Material Division, CSIR-CGCRI	Jadavpur University
9	Moumita Pal, Research Fellow	Preparation, characterization and photocatalytic activity of ZnO-based sol-gel materials	Dr. Sunirmal Jana, Principal Scientist, CSIR-CGCRI, ,	Jadavpur University
10	Mouni Roy, Research Fellow	Design of Mesoporous Metal Oxides with Controlled Architecture: Textural Property and Application	Dr. Milan Kanti Naskar, Principal Scientist, Sol-Gel Division, CSIR-CGCRI, ,	Jadavpur University
11	Mrinmoy Garai, Research Fellow	Synthesis and Properties of Mica and Chalcogenide Based Glass and Glass-ceramics	Dr. Basudeb Karmakar, Senior Principal Scientist, GSTS, Glass Division, CSIR-CGCRI	Jadavpur University
12	Nandadulal Danda pat, Research Fellow	Development of Ceramic based Materials for Very High Power Microwave Tubes Application	Dr. Sumana Ghosh, Senior Scientist, CSIR-CGCRI, Dr. B. K. Guha, Professor, Department of Physics, IEST	Indian Institute of Engineering Science and Technology (IEST)
13	Nilormi Biswas, Research Fellow	Micro-contact and Fracture Issues in a Natural Nanocomposite	Dr. Anoop Mukhopadhyay, Chief Scientist and HOD, Advanced Mechanical and Material Division, CSIR-CGCRI	Jadavpur University
14	Partha Pratim Das, Research Fellow	Studies on New Series of Semiconducting Oxide Based on ZnO-SnO <sub>2</sub> for Dye Synthesized Solar Cells	Dr. P. Sujatha Devi, Senior Principal Scientist and Head, Sensor and Actuator Division, CSIR-CGCRI	Jadavpur University
15	Pratanu Nag, Research Fellow	Studies on the Preparation and Characterization of Semiconducting Nanoparticles and their Response Towards Hydrogen Gas	Dr. P. Sujatha Devi, Senior Principal Scientist and Head, Sensor and Actuator Division, Prof. N. R. Bandyopadhyay, Indian Institute of Engineering Science and Technology, Shibpur	Indian Institute of Engineering Science and Technology (IEST)

16	Priyankari Bhattacharya, Research Fellow	Study on the Treatment of Domestic and Industrial Effluents by using Ceramic Membrane based Hybrid Process and their Effects on Plant and Animal Models	Dr.Sourja Ghosh, Scientist, Ceramic Membrane Division, CSIR-CGCRI, Dr.AnirudhhaMukhopadhyay, Head and Associate Professor Incharge, Department of Environmental Science, CU	Calcutta University
17	QuaziArif Islam, Research Fellow	Development of Mixed Ionic and Electronic conducting (MIEC) Ceramic-based Membranes for Gas Separation Application	Dr. R. N. Basu, Chief Scientist, HOD, Fuel Cell and Battery Division,CSIR-CGCRI, ,	Jadavpur University
18	SaswatiSarkar, Research Fellow	Study on mixed metal (Si, Ti, Zr) oxide with noble metal (Ag/Au) coated periodic meso-scale structures of soft lithography based sol-gel thin films	Dr.Sunirmal Jana, Principal Scientist, CSIR-CGCRI	Jadavpur University
19	Sourav Ghosh, Research Fellow	Synthesis of Mesoporous Alumina and Copper Oxide : Design, Textural Engineering and Application	Dr. Milan KantiNaskar, Principal Scientist, Sol-Gel Division, CSIR-CGCRI	Jadavpur University
20	Srividhya J. CSIR-SRF	Shape & size tuned magnetic nanostructures and ferrofluids for biomedical and industrial applications	Dr.Swapankumar Ghosh, Sr. Pr. Scientist & Head, PMD, CSIR-CGCRI, Kolkata	Jadavpur University
21	Susanta Bera, Research Fellow	Hierarchical ZnO-Graphene/PolyanilineNanocomposites: Synthesis, Characterization and Application	Dr.Sunirmal Jana, Principal Scientist, CSIR-CGCRI	Jadavpur University

#### CONGRATULATIONS TO STUDENTS FOR POSTER/ORAL PRESENTATION AWARDS

1. **Mr Anurag Roy**, SRF, Sensor and Actuator Division, working under Dr P Sujatha Devi received the second best poster presentation award at the International Conference on Ceramics, Glass and Refractories – Emerging Innovations (CGREI – 2016) held during the 80th Annual General Meeting of the Indian Ceramic Society at IICT, Hyderabad during December 13-15, 2016, for his paper ‘Enhanced stability of Zn<sub>2</sub>SnO<sub>4</sub> ceramics as a photoanode in dye sensitized solar cells’.

2. **Ms Shreyasi Chattopadhyay**, SRF, Nano Structured Materials Division, working under Dr G De received the best poster presentation award in the IUMRS-ICYRAM-2016 held at Indian Institute of Science, Bangalore during December 11-15, 2016 for her paper 'Ordered mesoporous electrospun TiO<sub>2</sub>-rGO nanofibers: efficient anode material for lithium ion batteries'.
3. **Dr Sourja Ghosh**, Senior Scientist, Ceramic Membrane Division, received the INCON SWM 2016 excellent paper award in the International Conference of Solid Waste Management, 6th Icon SWM 2016, held at Jadavpur University, Kolkata, during November 24-26, 2016, for the paper entitled "Grey water treatment using waste biomass derived biosorbent for recycling in agricultural applications" authored by Priyankari Bhattacharya, Sourja Ghosh and Swachchha Majumdar.
4. **Mr Quazi Arif Islam**, SRF, Fuel Cell and Battery Division, working under Dr.R.N. Basu received the best oral presentation award at the MRSI Young Scientists' Colloquium-2016 held at S.N. Bose National Centre for Basic Science, Kolkata on September 16, 2016 for his paper "Synthesis of nanotubes from bio-waste Eichhornia crassipes: A novel approach to develop oxygen separation membrane."
5. **Ms Indraneel Das**, SRF, Nano-structured Materials Division, working under Dr. G. De received the best oral presentation award at the MRSI Young Scientists' Colloquium-2016 held at S.N. Bose National Centre for Basic Science, Kolkata on September 16, 2016, for her paper "Extremely robust zirconia based super hydrophobic coating on cotton fabrics for diverse applications."
6. **Soumita Mukhopadhyay**, SRF, Sensor & Actuator Division, working under Dr.P. Sujatha received the poster award at the MRSI Young Scientists' Colloquium-2016, held at S.N. Bose National Centre for Basic Science, Kolkata on September 16, 2016, for her paper entitled "Photo-voltaic and catalytic performance of anatase TiO<sub>2</sub> nanotubes with co-exposed {110} and {001} facets."
7. **Dr. Lata Ramrakhiani**, DST Women Scientist working with Dr.Sourja Ghosh, Ceramic Membrane Division received the Best Poster Award for the poster entitled "Bio sorption efficiency enhancement via pre-treatment of natural bio sorbent for treatment of domestic and industrial waste water" in the International Conference on Strategies for Environmental Protection and Management (ICSEPM2016) organized by School of Environment Sciences, Jawaharlal Nehru University (JNU), New Delhi, during 11-13 December 2016.
8. **Mr Sayantan Ray** received 'Young Scientist' award at International Conference on 'Energy, Functional Materials & Nanotechnology' (ICEFN-2016)
9. **Chandrima Ghosh, A Ghosh, S Pasari and S Sinhamahapatra** of Refractory Division, CSIR-CGCRI received the Best Poster Presentation Award in the poster presentation entitled "Plasma fused magnesium aluminate spinel from Indian magnesite" during International Conference on Advances in Engineering & Technology (ICAET-2016) held at Govt. College of Engineering and Ceramic Technology, Kolkata during April 4- 5, 2016.

10. **Sayantana Ray, Suman Saha, Rituparna Acharya and Jui Chakraborty** of Bioceramics and Coating Division, CSIR-CGCRI have received Best Poster Award for the poster presentation entitled "Value Added Multifunctional Injectable Bone Augmentation Material for Treatment of Osteoporotic Vertebral Compression Fracture in Elderly Patients" at International Conference on 'Energy, Functional Materials & Nanotechnology' (ICEFN-2016), during March 27-29, 2016 organised by Nanoscience and Nanotechnology Centre, Department of Chemistry, Kumaun University, Nainital, Uttarakhand.
11. **Chandrima Ghosh, S Pasari, A Ghosh and S Sinhamahapatra** of Refractory Division, CSIR-CGCRI and S K Singh of CSIR-IMMT received the First prize in the poster presentation entitled "Plasma fused magnesia refractory aggregates from Indian natural magnesite" during 11th Indian International Refractory Congress 2016 organised by Indian Refractory Makers Association on January 20, 2016 at Hyderabad.
12. **Arindam Saha**, CSIR Nehru Post -doctoral Fellow, Sensors & Actuators Division working with Dr.P. Sujatha Devi received 2nd prize for his paper highly reproducible and sensitive detection of small organic pollutants via reduced graphene oxide based "Turn-On" fluorescent sensor in the Third International Conference on Nanotechnology for Better Living FROM May 25-29, 2016 held at National Institute of Technology, Srinagar.
13. **Shreyasi Chattopadhyay, Manish Kumar Mishra and Goutam De** received the Best Poster award for their paper 'Hierarchical TiO<sub>2</sub> hollow spheres decorated with functionalized graphitic C dots' at the 2nd National Workshop on 'Development of Nanomaterials for Energy, Environment and sustainability (DNEES-2016)' held at Siksha O, Anusandhan University, Bhubaneswar from May 9-10, 2016.
14. **Anurag Roy, Partha Pratim Das, M Tathavadekar and P Sujatha Devi** of Sensor & Actuator Division received Best Poster Award for the poster presentation entitled "Electrospun Zn<sub>2</sub>SnO<sub>4</sub> Photoanodes for Dye Sensitized Solar Cell" during the Materials Research Society of India (MRSI) Symposium on 'Advanced Materials for Sustainable Applications' at the 27th Annual General Meeting of MRSI at CSIR-NEIST, Jorhat, February 2016.