

### Administrative responsibilities of Mr. Sitendu Mandal

#### 1. Delegations to Abroad as an Institute/India representative:

- Recipient of **CSIR-DAAD Scholarship for 16 months** to carry out research and developmental work in the field of **Special glass development in the Institute for New Material, Saarbrucken, Germany under the guidance of Prof. Dr. Helmut Schmidt for the block year 1994-95** under **CSIR-DAAD Fellowship programme**. He has carried out his research work in the field of "Development and Characterization of low melting lead tin fluorophosphates glass and its application as sealing glass for making leak proof Aluminium container to be used as latent heat reservoir in car engine", under the guidance of Prof. Dr. Helmut Schmidt at **Institute Fur NeueMaterialien, Saarbrucken, Germany** and gained experience for the development of low melting water durable lead tin fluorophosphates glass (Tick'sglass).
- Attended the **23<sup>rd</sup> International Congress on Glass (ICG 2013)** held in **Prague, Czech Republic** during **June 30 – July 05 2013** and presented a paper (**Oral as Co-Author**) entitled "Microwave Preparation of Calcium-Borosilicate Glass for Nuclear Waste Immobilization"
- Attended the **6<sup>th</sup> Workshop** for New Researchers in Glass Science and Technology organized by International Congress on Glass held in **Montpellier, France** during the period **July 7-11, 2014**
- **Attended the Council meeting at the 25th International Congress on Glass (ICG 2019) and to deliver Contributed (Oral) presentation of the abstract titled "Glass Bead As Material of Choice for Immobilization of High Level Radioactive Nuclear Waste" accepted by the organizers of Session IV organized by International Congress on Glass (ICG) in association with The American Ceramic Society (ACerS) held in Boston, Massachusetts, USA during the period June 09-14, 2019.**

#### 2. Membership of Professional Societies:

- **Life member**, The Indian Ceramic Society and Council member for the year 2016-17 and 2017-18 and
- Chairman, The Indian Ceramic Society, Kolkata Chapter
- **Life Member**, Indian Institute of Ceramics, CGCRI, Kolkata
- **Life Member**, Indian Institute of Metals and Executive Committee Member for the year 2017-18 and 2018-19
- **Life Member**, Materials Research Society of India
- **Life Member**, Indian Science Congress Association
- **Life Member**, Indian Science News Association
- **Life Member**, Electro Microscopic Society of India

#### 3. Honorary Positions at CSIR-CGCRI:

- Nominated by the Director, CGCRI, Kolkata as a member of ISTAG Committee (International Science & Technology Affairs Group)
- Co-Chairman, TASK FORCE, Glass Division
- Chairman, Noble Metal Functioning Committee
- Chairman, CGCRI Staff Canteen Committee
- Co-chairman, Space Committee
- Member of the Group Representing CSIR-CGCRI for interaction with DG, CSIR.
- Coordinator, Kolkata Centre for Joint CSIR-UGC Test for Junior Research Fellowship and Eligibility for Lectureship (NET) since January 2012-2018
- Member, Reconstituted Management Council of CSIR-CGCRI, Kolkata with effect from 1<sup>st</sup> January 2010 to 31<sup>st</sup> December, 2021. (Ref: CSIR-IMMT O.M. No. GC/MC (Constitution)/R&A(Vig)-2010-21 dated 15.05.2020)
- Nodal Officer, CSIR-Jigyasa Programme in collaboration with Kendriya Vidyalaya Sangathan (KVS). The students of KV school and other school visited different R&D divisions of CSIR-CGCRI and interacted with the scientists.
- Nodal Officer, CSIR Integrated Skill Development Programme, CSIR-CGCRI
- Nodal Officer, CSIR Vigyan Samachar in association with Vigyan Prasar, DST, New Delhi
- Coordinating Officer, Science Village Programme, Curtain Raiser, 5<sup>th</sup> edition of India International Sciences-Festival (IISF) 2019, Kolkata
- Nodal Officer, India International Sciences-Festival-2018 (CSIR-CGCRI IISF-2018) Outreach Programme" and also the Curtain Raiser IISF-2018"

#### 4. Affiliation to Scientific/Technical Committees at State/National/International level:

- **Member, National Advisory Committee** for National Conference on contribution of SC / ST Scientists and Technologists towards Advancement of Science and Engineering(**NCSCSTASE-2018**)
- **Alternate Member**, Bureau of Indian Standard for Glass Ware Sectional Committee (CHD10) 2012 onwards
- **Programme Coordinator**, International Conference on Water Resource Management jointly organized by CSIR-CGCRI & Academy of Water Technology and Environ Management in association with Corporate Monitor, Kolkata.
- Member of the group Representing CSIR-CGCRI for interaction with DG, CSIR.
- **Member, National Advisory Committee** for 83<sup>rd</sup> Annual Session of Indian Ceramic Society, Kerala Chapter at Thiruvananthapuram during 11-12 December, 2019.
- **Co-Convener, Seminar Organizing Committee** for One Day Seminar on “Globalization and its Impact on Education” by the Association of DAAD Fellows and Invitees (ADFI), Kolkata on 5<sup>th</sup> April, 2007. **Mr. Guenter Wehrmann, the Hon’ble Consul General, Federal Republic of Germany and Mr.**
- **H.V. Jardine, the Hon’ble Consul General, the U S Consulate, Kolkata** graced the Function as Special Guest of Honour.
- **Member, ISTAG** (International Science & Technology Affairs Group), CGCRI, Kolkata 700032
- Member, Executive Committee of Material Research Society of India (MRSI), Kolkata Chapter
- and participated in its EC meeting as well as Annual General Body Meeting
- **Member, Screening / Selection / Assessment Committees** constituted by the Management Council, CMERI, Durgapur for screening / assessment promotion of technical personnel/ selection of Junior Technical Assistant of CMERI, Durgapur held during 2005-2008.
- **Member, Peer Review Committee** for Officers / Scientists up to the rank of Sr. Principal Scientist / Scientist F for CSIR-IIMT Bhubaneswar to consider the cases of Foreign Deputation. (Ref: CSIR-IMMT O.M. No. 19(2)/2010-E-1 dated 08.11.2019)
- **Co-ordinator**, as nominated by Director, CSIR-CGCRI, for conducting **Assessment Committee**
- **Meeting for Gr. IV Scientists** in the area of “Materials Science and Technology” held at CSIR-CGCRI, February 19-21, 2019
- **Member, Reconstituted Management Council of CSIR-CGCRI**, Kolkata with effect from 1<sup>st</sup> January 2010 to 31<sup>st</sup> December, 2021. (Ref: CSIR-IMMT O.M. No. GC/MC (Constitution)/R&A(Vig)- 2010-21 dated 15.05.2020)
- Acted as a **Member, CSIR Assessment Committee** constituted in the area of Engineering Science & Technology ( Ref: CSIR- Recruitment & Assessment Board letter no. 1-2(1)/(18-19)2020-RAB, DATED 18.02.2020)
- **Nodal Officer, CSIR-Jigyasa Programme** in collaboration with Kendriya Vidyalaya Sangathan (KVS). The students of KV school and other school visited different R&D divisions of CSIR-CGCRI and interacted with the scientists.
- Nodal Officer, CSIR Skill Development Programme CSIR-CGCRI
- **Nodal Officer, CSIR Vigyan Samachar** in association with Vigyan Prasar, DST, New Delhi
- **Coordinator, Kolkata Centre** for Joint CSIR-UGC Test for Junior Research Fellowship and Eligibility for Lectureship (NET) since January 2012 to December 2018
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