**List of scientists who wish to apply for the projects jointly with Russian Institutes under the ongoing BRICS Call for**

**Theme: Hydrogen Energy**

| **Sr. No** | **Area of Interest for Joint Proposal Submission with Russian Institute**  | **Name of the Scientist & Contact Details** |
| --- | --- | --- |
| 1 | Development of Metal-supported Solid Oxide Fuel Cell (MS-SOFC) with graded thin film functional layers operable @ 600 oC for APU in transport application  | Name: Dr. Jayanta Mukhopadhyay  Dr. Abhijit Das Sharma  Dr. Srabanti Ghosh Dr. Allu Amarnath ReddyOffice Address: CSIR-Central Glass & Ceramic Research Institute, 196 Raja S.C. Mullick Road, Kolkata – 700032, West BengalEmail: jayanta\_mu@cgcri.res.in, adassharma@cgcri.res.in, srabanti@cgcri.res.inaareddy@cgcri.res.inPhone: 033 23223494, 033 23223563,033 23223567, 033 2322 3370  |
| 2 | Photoreforming of nonrecyclable plastic waste using semiconducting nanomaterials | Name: Dr. Amit A Vernekar & Dr. S EaswaramoorthiOffice Address: Inorganic & Physical Chemistry Laboratory, CSIR-Central Leather Research Institute, Adyar, ChennaiEmail: amitvernekar@clri.res.in, moorthi@clri.res.inPhone: +91-44-24437137; 8861102787 |
| 3 | Engineering ultra-fine nanocatalysts for hydrogen production from formic acid and amine boranes | Name: Dr. Amit A Vernekar Office Address: Inorganic & Physical Chemistry Laboratory, CSIR-Central Leather Research Institute, Adyar, ChennaiEmail: amitvernekar@clri.res.inPhone: +91-44-24437137; 8861102787 |
| 4 | Porous framework material and its hybrid for photo and electrocatalytic hydrogen generation | Name: Dr. Samrat GhoshOffice Address: Inorganic & Physical Chemistry Laboratory, CSIR-Central Leather Research Institute, Adyar, ChennaiEmail:samrat@clri.res.inPhone: +91-44-24437137; 7200795756 |
| 5 | MXenes Hybrids for Electrochemical Hydrogen Generation  | Name: Dr. PoojaOffice Address: CSIO, Chandigarh Email: poojaiitr@csio.res.inPhone: +91-7837907516 |
| 6 | Green Hydrogen Generation from Industrial Wastewater using Solar Power  | **(1)** **Dr. Satyajit Shukla**CSIR-NIIST, Thiruvananthapuram – 695019, Kerala, IndiaEmail: satyajit\_shukla@niist.res.inMobile: +91-9567414352**(2)** **Dr. Poulomi Roy**CSIR-CMERI, Durgapur -713209, West Bengal, IndiaEmail: p.roy@cmeri.res.inMobile: +91-8986853479**(3) Dr. Adersh Asok**CSIR-NIIST, Thiruvananthapuram – 695019, Kerala, IndiaEmail: adersh.asok@niist.res.inMobile: +91-9833526301 |