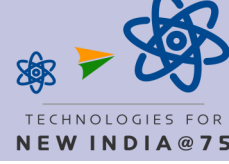


Issue 101

December 2021

The Fourth State

Newsletter of the Institute For Plasma Research, Gandhinagar, Gujarat (India)



माननीय संसदीय राजभाषा समिति द्वारा प्लाज़्मा अनुसंधान संस्थान का राजभाषा निरीक्षण

माननीय संसदीय राजभाषा समिति की पहली उपसमिति द्वारा दिनांक 29 अक्टूबर 2021 को प्लाज़्मा अनुसंधान संस्थान, गांधीनगर कार्यालय में राजभाषा हिंदी के प्रगामी प्रयोग में हुई प्रगति का राजभाषा निरीक्षण किया गया। इस निरीक्षण बैठक में परमाणु ऊर्जा विभाग की ओर से श्री संजय कुमार, संयुक्त सचिव (प्रशासन एवं लेखा) एवं श्री अचलेश्वर सिंह, संयुक्त निदेशक (राजभाषा) तथा प्लाज़्मा अनुसंधान संस्थान की ओर से डॉ. शशांक चतुर्वेदी, निदेशक, डॉ. प्रवीण कुमार आत्रेय, प्रभागाध्यक्ष, अनुसंधान एवं विकास, श्री राज सिंह, वैज्ञानिक अधिकारी-एच, श्री निरंजन वैष्णव, मुख्य प्रशासनिक अधिकारी एवं डॉ. संध्या दवे, हिंदी अधिकारी ने भाग लिया।

दिनांक 29 अक्टूबर 2021 को निरीक्षण बैठक स्थल पर संस्थान की ओर से राजभाषा प्रदर्शनी आयोजित की गई, जिसमें निरीक्षण से संबंधित एवं संस्थान में राजभाषा के प्रचार-प्रसार एवं उपलब्धियों से संबंधित सामग्री को प्रदर्शित किया गया। निरीक्षण बैठक में संस्थान के निदेशक ने माननीय संसदीय समिति के संयोजक श्री राम चन्द्र जांगड़ा, श्री ईरुण कडाडि, श्री श्याम सिंह यादव, श्री धर्मेन्द्र कश्यप, संसदीय समिति सचिवालय के अवर सचिव डॉ. रामेश्वर मीना एवं अन्य सदस्यों को स्मृति चित्र के रूप में आईपीआर के टोकामक मॉडल एवं शॉल तथा हिंदी पुस्तक से स्वागत सत्कार किया।

निरीक्षण बैठक के प्रारंभ में संस्थान के निदेशक डॉ. शशांक चतुर्वेदी ने आईपीआर की गतिविधियों पर पावर पॉइंट प्रस्तुति दी, जिसमें संस्थान की तकनीकी/वैज्ञानिक गतिविधियों के साथ-साथ राजभाषा के क्षेत्र में किये जा रहे विशेष प्रयासों को भी उल्लिखित किया गया। संसदीय राजभाषा समिति की पहली उपसमिति के साथ राजभाषा निरीक्षण बैठक सुचारू रूप से संपन्न हुई। माननीय संसदीय समिति ने राजभाषा कार्यान्वयन में संस्थान के प्रयासों एवं उपलब्धियों की सराहना की और आगे भी सुचारू कार्यान्वयन के लिए मार्गदर्शन दिये। यह बैठक गेल इंडिया प्रा. लिमिटेड अहमदाबाद के समन्वय से अहमदाबाद में ताज होटल में आयोजित हुई थी।

निरीक्षण के पश्चात माननीय संसदीय राजभाषा समिति के सदस्यों ने प्लाज़्मा अनुसंधान संस्थान, गांधीनगर की तकनीकी गतिविधियों का दौरा किया। माननीय संसदीय सदस्यों को आईपीआर की मुख्य प्रयोगशालाओं में भ्रमण कराया गया एवं मुख्य प्रौद्योगिकियों से परिचित कराया गया।



माननीय संसदीय राजभाषा समिति के सदस्य एवं आईपीआर की ओर से बैठक में उपस्थित अन्य सदस्यगण

- ◆ **Dr. Nirav I. Jamnapara**, gave an invited talk on "Advanced Materials" at "Processing & Characterization of Materials" (PCM-2021), Govt. Engg. College, Gandhinagar & IIM Baroda Chapter, on 24th September 2021
- ◆ **Mr. Prince Kumar**, gave an invited talk on "Weakly magnetized dust vortex flow analysis in the absence of non-conservative fields" at 5th Asia-Pacific Conference on Plasma Physics, Japan, 29th September 2021
- ◆ **Mr. Satadal Das**, gave an invited talk on "Equilibrium properties of a magnetized plasma behind an insulating obstacle" at 5th Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2021), on 1st October 2021
- ◆ **Dr. A. K. Sanyasi**, gave a talk on "Large Area Multifilamentary Plasma Source in LVPD-Upgrade" at AAPPS-DPP2021 Online E-Conference, on 1st October 2021
- ◆ **Ms. Sukriti Hans**, gave a talk on "Ion-Induced Triangular Features Superimposed by Nanoripples of Silicon" at Joint ICTP-IAEA Virtual Workshop on Atomistic Modelling of Radiation Damage in Nuclear Systems, ICTP Trieste Italy, 4-8 October 2021
- ◆ **Ms. Sukriti Hans**, gave a talk on "Formation of Triangular Features Superimposed by Nanoripples Using Low Energy Ion Beam" at 6th International Conference on 'Nanostructuring by Ion Beams', (ICNIB 2021), IOP, Bhubaneswar, 6th October 2021 (Got 2nd best flash presentation award in ICNIB 2021)
- ◆ **Mr. Satadal Das**, gave a talk on "External plate biasing and diverging magnetic field effects on radial characteristics of back diffused expanding plasma column" at 74th Annual Gaseous Electronics Conference (GEC 2021), on 6th Oct 2021
- ◆ **Dr. Rakesh Moulick**, gave a talk on "Potential Around a Dust Grain in Collisional Plasma" at 4DSpace Meetings on Computations, University of Oslo, Norway, on 12th October 2021
- ◆ **Dr. Sayantan Mukherjee**, KIIT, Bhubaneswar, gave a talk on "Thermo-physical properties of nanofluids" on 14th October 2021
- ◆ **Prof. Reji Philip**, Raman Research Institute, Bangalore, gave a talk on "C.V. Raman: The Man, The Scientist" on 18th October 2021 (Colloquium #307)
- ◆ **Dr. Prachi Orpe**, Nirma University, Ahmedabad, gave a talk on "Thermal plasma synthesis of magnetic nanoparticles – Study of process parameters influencing the nanostructure and magnetism" on 22nd October 2021
- ◆ **Dr. Garima Arora**, Institute for Plasma Research, Gandhinagar, gave a talk on "Dynamics of fast ions from Laser produced Aluminum Plasma" on 25th October 2021
- ◆ **Dr. Rohan Dutta**, Institute for Plasma Research, Gandhinagar, gave a talk on "Design and Development of Prototype Cryocoolers for Cryopump" on 25th October 2021
- ◆ **Mr. Chandan Danani**, Institute for Plasma Research, Gandhinagar, gave a talk on "Computational modeling of tritium release from porous Lithium ceramic pebbles" on 27th October 2021
- ◆ **Mr. Gheesa Lal Vyas**, gave a talk on "IN-DA Progress Report" at 40th Meeting of the ITPA Topical Group on Diagnostics (ITER Organization), on 28th October 2021
- ◆ **Dr. Pawan Kumar**, Vignan's Foundation for Science Technology and Research, Jharkand, gave a talk on "Design and Development of Advanced Multiband Printed Antennas" on 29th October 2021
- ◆ **Dr. Vishal Dhamecha**, SP University, Anand, gave a talk on "Studies on compound semiconductor (ZnGa₂Se₄) thin film electronic devices" on 18th November 2021
- ◆ **Dr. Vikram Singh Dharodi**, gave a talk on "Numerical modeling of a laser produced plasmas and a propagating charged beam in a plasma" on 20th November 2021

Upcoming Events

- ◆ 2nd Fusion High Performance Computing (HPC) Workshop, 02-03 December 2021. <https://hpcfusion.bsc.es/>
- ◆ 17th Technical Meeting on Energetic Particles and Theory of Plasma Instabilities in Magnetic Confinement Fusion (Virtual Event); Vienna, Austria, 6-9 December 2021. <https://www.iaea.org/events/evt1904279>
- ◆ IAEA Meeting of the Global Network for the Atomic and Molecular Physics of Plasmas (GNAMPP), [Virtual Event], 6-10 December 2021. <https://www.iaea.org/events/evt1904773>
- ◆ 23rd IEEE Pulsed Power Conference & 29th IEEE Symposium On Fusion Engineering (PPC SOFE 2021), Denver, Colorado, USA, 12-16 December 2021. <https://uta.engineering/ppcsofe2021/>
- ◆ 36th National Symposium on Plasma Science and Technology (PLASMA-2021), Birla Institute of Technology, Mesra, Jaipur Campus, Online, 13-15 December 2021. <https://www.plasma2021.in/>
- ◆ Joint ICTP-IAEA Workshop on Atomic Processes in Plasmas: Data-Driven Research, 13-17 December 2021. <http://indico.ictp.it/event/9657/>
- ◆ Fusion Power Associates 42nd Annual Meeting And Symposium, Washington, DC, USA, 15-16 December 2021. <http://www.qedfusion.org/FPA/fpn21-28.shtml>
- ◆ 8th International Conference on Product Lifecycle Modelling, Simulation, and Synthesis (PLMSS - 2021), jointly organized by VSSC and IIST, 17-18 December 2021. <https://plmss.org.in/plmss-2021/>

Know Your Colleague



Mr. Gumansinh Gohil joined IPR in May, 2008 and is presently working as Scientific Officer – E with the Cooling Water System (CWS) group of ITER-India. He secured his M.Tech. degree in Manufacturing Management from BITS, Pilani. He is certified ASNT Level-II in NDE methods (UT, RT, MPT, LPT), IRCA Lead Auditor for QMS (ISO 9001) and Welding Inspector as per CSWIP 3.1. He is currently the Quality Assurance Responsible Officer (QA-RO) for ITER-India CWS Procurement Arrangement (PA) with key roles like vendor assessment, QA documentation, quality audits, quality surveillance, management of inspection activities, factory acceptance, sensitizing contractor/ suppliers about the French quality order requirements, ensuring the compliance to European Directives, etc. He is responsible for ITER-India Risk Management and also supports QA & Safety Group. He also acted as a QA & Safety Head of ITER-India.