## प्लाज्मा अनुसंधान संस्थान Institute for Plasma Research

परमाणु ऊर्जा विभाग का 41वाँ संरक्षा एवं व्यावसायिक स्वास्थ्य विशेषज्ञ सम्मेलन (पऊवि एसओएचपीएम), 2025 41st DAE Safety & Occupational Health Professional Meet (DAE SOHPM), 2025

दिसंबर 17-19, 2025 / December 17-19, 2025 प्लाज्मा अनुसंधान संस्थान व परमाणु ऊर्जा नियामक बोर्ड द्वारा संयुक्त रूप से आयोजित Jointly Organized by Institute for Plasma Research and Atomic Energy Regulatory Board Email: dsohpm2025@ipr.res.in Tel.: +91-79-2396 2000/4019/4006

## विषय: व्यावसायिक संरक्षा एवं स्वास्थ्य प्रबंधन में नई प्रवृत्तियाँ Theme: Recent Trends in Occupational Safety and Health Management

## **Programme Schedule**

Venue: J.B. Auditorium, Ahmedabad Management Association, Vastrapur, Ahmedabad

Day 1: December 17, 2025 (Wednesday)	Time
Registration (Participants are requested to kindly complete their registration well before the inaugural session)	0800 hrs. onwards
Inaugural Session	0915-1030
Opening Ceremony (Lighting of lamp by Dignitaries)	0915-0920
Welcome Address : Dr. Subroto Mukherjee, Dean (Admin.), IPR	0920-0925
Inaugural Address and brief about the Meet : Shri J. Koley, ED, AERB	0925-0930
Director's Address : Dr. Tapas Ganguli, Director, IPR	0930-0935
Release of Booklet on Safety Posters developed using AI: Dr. S. Mukherjee, Dean(Admin.), IPR	0935-0937
Release of Booklet on Occupational Injury Statistics 2024: Shri J. Koley, ED, AERB	0937-0940
Release of Technical Proceedings: Dr. Tapas Ganguli, Director, IPR	0940-0945
Release of Booklet on Industrial Safety & Occupational Health : Dr. Dinesh Kumar Shukla, Chairperson, AERB	0945-0955
Key-note Address by Chief Guest : Dr. Dinesh Kumar Shukla, Chairperson, AERB	0955-1005
Vote of Thanks : Dr. Paritosh Chaudhuri, Dean (R&D), IPR	1005-1015
Inauguration of Exhibition by Chief Guest Dr. Dinesh Kumar Shukla, Chairperson, AERB	1015-1030
High Tea Break	1030-1100
Shield Distribution and Endowment Lecture Session	1100-1200
AERB Industrial and Fire Safety Shield Distribution by Chief Guest Dr. Dinesh Kumar Shukla, Chairperson, AERB	1100-1115
Dr. S. S. Ramaswamy Memorial Endowment Lecture by	1115-1200
Shri Yatendra Lodha, Group Head-Safety & Operational Risk, Reliance Industries Ltd.	
"From Compliance to Commitment – Building OHS Excellence through System Discipline"	

Technical Session - I	1200-1300
Session Chair: 1) Shri Deepak Ojha, Head, OPSD, AERB & 2) Chief Medical Officer/ Certifying Surgeon	
Invited Talk-1 (IS): Dr. Joydeep Ghosh, Senior Professor-H, IPR	1200-1230
"Safety Aspects of a Tokamak based Fusion Reactor"	1200-1230
Invited Talk-2 (OH): Dr. Bhavesh Modi, Director, National Institute of Occupational Health, Ahmedabad "Healthier Workforce for Viksit Bharat"	1230-1300
Lunch Break	1300-1400
Technical Session - II	1400-1530
Session Chair: 1) Shri Ujjwal Kumar Baruah, Project Director, ITER-India & 2) Chief Medical Officer/ Certifying Surgeon	
Invited Talk-3 (IS): Dr. Venkat N Ramani, Managing Director, Aditya High Vacuum Pvt. Ltd., Ahmedabad	1400-1430
"Health and Safety Aspects in Auxiliary Systems of Future Fusion Reactors"  Invited Talk-4 (IS): Shri S.S. Prasad, Head, Industrial Hygiene & Safety Section, BARC, Mumbai	1430-1500
"Fostering Safety Culture with an Effective Safety Management System"  Invited Talk-5 (OH): Dr. R Suresh Kumar, Chief Medical Officer & Certifying Surgeon, NFC, Hyderabad  "Medical Examination of Workers in Confined Spaces"	1500-1530
TEA Break	1530-1600
Technical Session - III	1600-1745
Session Chair: Dr. D. S. Setty, NFC	
Invited Talk-6 (IS): Shri Sanjay Gajera, AGM (QA/QC), M/s. INOX India Ltd., Vadodara "Recent Trends in Occupational Safety & Health Management"	1600-1630
Invited Talk-7 (IS): Shri Nalinkumar R. Chaudhary, Director, Gujarat State Fire Prevention Services, Govt. of Gujarat  "The Legal Framework of Fire Safety: Understanding Standards and Compliance"	1630-1700
Presentation on Implementation of Safety Management System: 1. Shri J R Khatsuriya, CE(I&FS), NPCIL 2. Shri V. Chandrasekhar, GM & Head, RED, IREL 3. Shri Prateek Bhatnagar, Head-Fire & Safety Section, RRCAT	1700-1715 1715-1730 1730-1745
Popular Talk: <b>Dr. Narottam Sahoo</b> , <b>Advisor and Member Secretary</b> , <b>Gujarat Council on Science and Technology (GUJCOST)</b> , <b>DST</b> , <b>Govt. of Gujarat</b> "Role/Impact of Science and Technology on the Socio-Cultural Development in Gujarat"	1830-1930
Director's Dinner	1930 onwards

Day 2: December 18, 2025 (Thursday)	Time
Technical Session - IV	0915-1100
Session Chair: 1) Dr. Vipul Tanna, IPR &	
2) Chief Medical Officer/ Certifying Surgeon Invited Talk-8 (IS): Shri Anil Kumar Bhardwaj, Scientific Officer-H, IPR	0915-0945
"Identification of Occupational Health & Safety Requirements and Safety	0915-0945
Important Function & Classification of Fusion Machine Components Design"	
Presentations on Occupational Health Statistics:	0945-1005
Dr. Diptendu Das, Member Secretary, OHSC, AERB	
Presentation on Occupational Injury and Fire Statistics :	1005-1025
Ms. Paridhi Agrawal, AERB  Presentations on Fatal & serious accidents at DAE Units:	
Ms. Saptaparna Sarkar, AERB	1025-1100
Tea Break	1100-1130
Technical Session - V	1130-1300
Session Chair: 1)Shri Sanjay Kumar Malviya, KAPS, NPCIL &	
2) Chief Medical Officer/ Certifying Surgeon	1100 1000
Invited Talk- 9 (OH): Dr. Anish Sinha, Associate Professor, Indian Institute	1130-1200
of Public Health, Gandhinagar, Govt. of Gujarat "Recent Trends in Occupational Health Management"	
Contributory Paper (IS) Speaker : Shri M V Shiva Sairam, NFC, Hyderabad	1200-1215
"Online permit system: A digital approach to permit management"	1200 1210
Contributory Paper (IS) Speaker : Mrs. Kirti Mahajan, IPR, Gandhinagar	1215-1230
"Enhancing Industrial Safety: The Role of Digital Safety System Management	
and Mobile Applications"	
Invited Talk-10 (OH): Shri Samarendra Srivastava, CEO, Wizzokraft	1230-1300
Solutions	
"Caring for the Carers – Hidden Dangers in Indian Healthcare"	
Lunch	1300-1400
Technical Session - VI	1400-1530
Session Chair: 1)Shri Subrata Saha, VECC & 2) Chief Medical Officer/ Certifying Surgeon	
Invited Talk-11 (OH): Dr. Santhi Ganesan, Certifying Surgeon, RAPS, NPCIL "Latest Technologies and Real World Challenges in Occupational Health"	1400-1430
Invited Talk-12 (IS): Shri Prateek Agarwal, Executive Director (CP&CC),	1430-1500
NPCIL, Mumbai "Safety-by-Design and Beyond: Emerging Trends in Occupational Safety at	
NPCIL"	
Contributory Paper (IS) Speaker: <b>Shri Vijayravi Sathi, KGS-3&amp;4, NPCIL, Kaiga</b> "Key learning and preventive measures from recent Industrial Accidents"	1500-1515
Contributory Paper (OH) Speaker: <b>Dr. Archana D Ramesh, HWP, Tuticorin</b> . "Integrating AI and IOT In Occupational Health"	1515-1530
POSTER SESSION	1530-1615
Tea Break	1615-1630

Technical Session - VII	1630-1800
Session Chair: 1) Shri Prateek Bhatnagar, RRCAT &	
2) Chief Medical Officer/ Certifying Surgeon	
Invited Talk-13 (OH): Dr. M. A. Annal, Medical Superintendent (Retd.), NPCIL	1630-1700
& Senior Orthopedic Consultant, Shri SSMCRI, Chennai	
"Recent Trends in Occupational Musculoskeletal Disorders (MSD) Medical	
Management"	
Invited Talk-14 (OH): Dr. Prasad Madhukar Agavane, Certifying Surgeon,	1700-1730
KAPS, NPCIL	
"Digitized Occupational Health Systems & Human-Robot Synergy: The Next	
Frontier in Employee Well-Being"	
Invited Talk-15 (IS): Dr. Gaurav Srivastava, Professor, Centre for Safety	1730-1800
Engineering, Indian Institute of Technology, Gandhinagar	
"Structural fire safety - a passive safety net"	
Presentation on Implementation of Safety Management System:	
1. Shri N.C. Gupta, Scientific Officer-G, IPR	1800-1815
2. Dr. K Kamalkar Rao, DGM-Mines & Mill-Safety/Head ISO-HOD, UCIL,	1815-1830
Jaduguda	
3. Shri R. Yuvarajan, Maintenance Superintendent, BHAVINI	1830-1845
	4000
Dinner	1900 onwards

Day 3 : December 19, 2025 (Friday)	Time
Technical Session - VIII	0915-1100
Session Chair: 1) Shri J R Khatsuriya, NPCIL &	
2) Chief Medical Officer/Certifying Surgeon	
Invited Talk-16 (OH): Mrs. Manika Sharma, Scientific Officer-H, IPR	0915-0945
"DeepCXR: Augmenting AI for Automated Health Screening in India"	
Contributory Paper (IS) Speaker: Dr. P.K. Adhikari, UCIL, Narwapahar,	0945-1000
Jharkhand	
"Development of location-based risk contour for fire, man machine interaction,	
vehicle collision and electrocution for easy management of hazards at mine site:	
A case study of Narwapahar uranium mine"	
Contributory Paper (OH) Speaker : Dr. Anusha Thati, IGCAR, Kalpakkam	1000-1015
"Integrating Architecture, Ergonomics, and Safety Management: A Holistic	
Framework for Occupational Health in Operating Theatres"	
Presentation on Implementation of Safety Management System :	
1. Shri Devendra K Mishra, HWB, Mumbai	1015-1030
2. Shri P Shyam Sunder, GM, Safety, NFC	1030-1045
3. Shri P. Ragoth Kumar, SO-G, Head-IFSS,HISD, SQRMG, IGCAR	1045-1100
Tea Break	1100-1115
Valedictory Session	1115-1315
Action taken report of 40 <sup>th</sup> DAE Safety Meet received from DAE Units by	1115-1130
Ms. Ankita Chaudhary, AERB	

Presentations by Exhibitors :	1130-1200
<ol> <li>M/s. Aditya High Vacuum Pvt. Ltd., Ahmedabad</li> <li>M/s. Cryogas Equipment Pvt. Ltd., Vadodara</li> <li>M/s. Centretap Engineering, Ahmedabad</li> <li>M/s. Precise Vacuum Systems Pvt. Ltd., Nasik</li> <li>M/s. ENOCH CONTROLS Pvt Ltd., Nasik</li> <li>M/s. Urja HV System Pvt. Ltd., Vadodara</li> </ol>	
Feedback on 41 <sup>st</sup> DAE Safety & Occupational Health Professionals Meet, Venue & Theme for 42 <sup>nd</sup> DAE Safety & Occupational Health Professionals Meet by AERB	1200-1210
Address by Distinguished Guest: Dr. P T V Nair, Chairman-OHSC,AERB and Consultant in General Medicine & Cardiology, TMH, Mumbai	1210-1220
Prize distribution to the winners of various safety competitions	1220-1235
Felicitation	1235-1300
Vote of Thanks	1300-1305
National Anthem	1305-1310
Lunch	1315 onwards
IPR Laboratory Visit	1415 onwards
End of Meet	