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06th -08th October 2025
Jaipur, Rajasthan, India.

2025

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DETAIL PROGRAM

6th October 2025

11:30 – 13:00	Cathodic & Anodic Protection - 1	Hall-A
CAP11 Keynote Talk	Trends in the United States with AC Interference and Mitigation (Ted Huck, MATCOR, USA)	
CAP12	Influences of Isolating Joints on AC interference on a pipeline (Anshul Jain ¹ , Samir Shankar ¹ , Tobias Braun ² , ¹ DEHN India Pvt. Ltd., Gurgaon, India, ² DEHN Se, Neumarkt, Germany)	
CAP13	Optimizing Mitigation Strategies for Electromagnetic Coupling Risks in Pipelines (Madhusmita Nayak, Indian Oil Corporation Limited, Bhubaneswar)	
CAP14	AC Corrosion Monitoring with ER Probes: A Case Study (G Narendranath Reddy, Murali Krishna. P, Ravi Chandra Mavuri, GAIL (India) td, Rajahmundry, Andhra Pradesh)	
CAP15	Design of Hybrid grounding systems (Combination of vertical and horizontal) for Mitigation of AC Interference on Oil & Gas Pipelines (Varun Kumar Danda, HPCL, Mumbai and Gopal Garg, HPCL, Vijayawada)	

11:30 – 13:00	Materials and Composites	Hall-B
MAC11	Corrosion Performance of Cold Spray Copper on Stainless Steel in Simulated Groundwater Deep Geological Repository Environment (Gopinath Shit ¹ , S.Kumar ² , Naveen Manhar Chavan ² , Vaibhav Kulkarni ³ , and S.Ningshen ¹ ¹ IGCAR, Kalpakkam, ² ARCI, Hyderabad, ³ BIT, Pilani)	
MAC12	Understanding the corrosion performance of Mg-Al-Si alloys with Sn additions (Sourav Ganguly, Alok Kumar Nanda and Biswanath Pradhan, CSIR-Institute of Minerals and Materials Technology, Bhubaneswar)	
MAC13	Optimizing Lifecycle Costs and Performance: A Case for Lean Duplex Stainless Steel (Prakhar Nama, Aruna VT, Manoj Gonuguntla, Shell India Markets Private Limited, Bengaluru)	
MAC14	Premature Tubing Degradation in Artificial Lift Well Due to Tribocorrosion: A Case Study from an Indian Onshore Oilfield (Nikhil Khanduja, Suraj Makkar, Ravi Panghal, Simran Bareja, Manish Gupta, M P Kekre, IPEOT – ONGC, Navi Mumbai)	
MAC15	Comparative Assessment of Sour Cracking in Martensitic Stainless Steel: Laboratory Tests and Field Experience (Shimjith Madayi, Sundararajan Guruprasad, Shell Technology Centre Bangalore and Marc Wilms, Willem Maarten, Shell Global Solutions International B.V)	
MAC16	Reversing the corrosion tendency in Cu-rich, Fe-containing High-Entropy Conventional Alloy (D. Mishra, J. Singh, S.S. Nene, IIT- Jodhpur)	

11:30 – 13:00	Corrosion Monitoring and Testing – 1	Hall-C
CMT11 Keynote Talk	Advanced Solutions for Corrosion Under Insulation (Cui) Management: Integrating Monitoring, Inspection, and Prevention (Christopher Do, Technisur Engineering Pvt Ltd)	
CMT12	Corrosion Management-Cost of Corrosion (Vemuri P Sastry, Asset Integrity and Materials Engineering Services)	
CMT 13	The Complex of Electrochemical Corrosion Protection Telemetry for the Oil-Gas Industry and Marine Infrastructure (Andrei K. Burkov, PSS Corporation, Perm, Russian Federation)	
CMT 14	Assessment and Mitigation of Cathodic Protection Current Drainage Issues at Pipeline Control Stations: A Risk-Based Approach (Rohit Kulkarni, Keshav Kumar Dewanagan, Bharat Petroleum Corporation Limited, Mumbai)	
CMT 15	Assessment and Mitigation of Station Piping Corrosion under Pipe Supports (CUPS) (R Nesamani, GAIL (India) Limited, KG Basin)	
CMT 16	Under Deposit Corrosion Leaks in Crude Column Overhead Heat Exchanger (Sumit Bansal, BPCL, Mumbai)	

11:30 – 13:00	Corrosion in Renewable Energy, Nuclear & Power Utilities – 1	Hall-D
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RNP11 Keynote Talk	Corrosion in Nuclear & Power Utilities (Dr Vijay Chaudhry, Nuclear Power Corporation of India Limited, Mumbai)
RNP12	Understanding the passivation behavior of Zircaloy-4 in nitric acid (Amrita Mahanti Ghosal, Kamlesh Chandra and Supratik Roychowdhury, Bhabha Atomic Research Centre and Homi Bhabha National Institute, Mumbai)
RNP13	Corrosion behavior of Zr-2.5Nb alloy in CO ₂ + 5% O ₂ gas mixture (Sai K Nouduru, V S V Anantha Krishna, Kiran K Mandapaka, Vivekanand Dubey, Parag Ahmedabadi, S. Roychowdhury, A. Biswas , Bhabha Atomic Research Centre, Mumbai)
RNP14	High Temperature Steam Oxidation of Cr-coated Zircalloy-4 for Accident Tolerant Fuel (ATF) Cladding Applications (Satish C. Mishraa, V. S. V. Anantha Krishnab, V. Singhb, S. Roychowdhuryb and S. K. Ghosha *, Bhabha Atomic Research Centre, Trombay, Mumbai)
RNP15	Case Study – External Corrosion Risk Assessment & Evaluation: - Analyzing the Impact of proximity to Solar Parks on the Integrity of pipelines (Keshav Kumar Dewangan, Tanmay Sarkar, Ratnadeep Kshirsagar, BPCL, Mumbai)

13:00 - 14:00	Lunch (Expo Visit & Networking)
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14:00 - 14:15	Poster Inaguration - Expo Area
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14:00 - 16:00	Technical Interactive Forum - 1 Cathodic Protection – AC/DC Interference Mitigation	Hall-A
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14:00 - 16:00	Coatings Linings and Thermal Insulation - 1	Hall-B
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CLI11	Next Generation Fire Protection for Structural Steel Mitigating Risks Against Oil, Gas and Hydrogen Releases. Can You Imagine an Epoxy Passive Fire Protection Solution Which Can Address Future Design Pain Points in One Simple Coat? (R. Wade, AkzoNobel, UK)
CLI12	Managing Corrosion Under Insulation by Thermal Insulating Coating Systems (Praveen Subrahmanian, Ramaprasad Baral and Anand K P, BPCL - Kochi Refinery, Ernakulam)
CLI13	Specifying Protective Coatings in the face of Climate Change – A Middle Eastern Perspective (Manoj Abraham, Hempel Paints Middle East, United Arab Emirates)
CLI14	Advanced Anti-Condensation Coating for High Performance and Sustainability (Randhirsinh Parmar and Prasad Bhusari, Asian Paints PPG Pvt. Ltd, Navi Mumbai)
CLI15	Ceramic-Based Primer with Self-Healing Topcoat: A Next-Generation Corrosion Protection System for Steel Structures (Dr. Jayanta Saha, & Shri Gulshan K Sachdev, Asianol Biotech Pvt. Ltd., Kolkata)
CLI16	Studies to measure the Impact of atmospheric and industrial corrosion in Indian Coastal Peninsula over structural steel in industrial plant service (Khalid, The Tata Pigments Ltd. Jamshedpur)
CLI17	Harnessing Covalent-Bonding Technology into a revolutionary & sustainable coating solution to enhance corrosion protection for 30 years and beyond. (Beirbal Singh Bhandari, Jotun MEIA FZC, Dubai, UAE)
CLI18	Next generation cellulosic passive fire protection coating (Abhay Varma, Asian Paints PPG Pvt. Ltd., Mumbai)

14:00 - 16:00	Microbial Corrosion & Inhibitors	Hall-C
MIC11	Exploring the Corrosion Inhibition Performance of a Surfactant on Heat-Treated Carbon Steel in Sulphuric Acid Medium (Deepa Prabhu, Manipal Institute of Technology Bengaluru, Manipal)	
MIC12	Adenosine tri-phosphate (ATP) for live microbial load monitoring and MIC risk assessment of aqueous injection streams (Nazima Habibi, Saif Uddin and Montaha Behbehani, Environment and Life Science Research Centre, Kuwait Institute for Scientific Research, Kuwait)	
MIC13	Application of Nanostructured Biocidal Coating to Protect Anti-microbial Corrosion in Waterjet Propulsion and Bilge systems of Coastal Patrol vessels (Commandant (JG) Amolkumar Musale, Indian Coast Guard, New Delhi)	
MIC14	Effective Chemical Formulation for Solar Panel Cleaning (Palanisamy Ravichandiran, Ch Siva Kesava Raju, and S N Sheshachala, HPCL, Bengaluru)	
MIC15	Green Synthesis of Naga-Garlic Peel Extract: A Sustainable Approach to Corrosion Inhibition for Mild Steel in 1M H ₂ SO ₄ Media (Akhiu K. Yimchunger, Ambrish Singh*, Nagaland University, Nagaland)	
MIC16	Microbial Corrosion & Inhibitors - Case Study: -Pipeline integrity of offshore pipelines -: Tackling MIC with Biocide injection in 48" Offshore Crude Oil Pipelines (Jagannath Patro, IOCL, Bhubaneswar)	
MIC17	Solanum myriacanthum fruit extract as a Corrosion inhibitor for Mild Steel in 0.5 M Sulfuric acid (Vilabelle Rutsa, Ambrish Singh, Nagaland University, Nagaland)	

14:00 - 16:00	Technical Interactive Forum - 2 Water Treatment	Hall-D
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16:00 - 16:30	Tea / Coffee (Expo Visit & Networking)	
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16:30 - 18:00	Technical Interactive Forum - 3 Corrosion in Petrochemical Plants and Refineries	Hall-A
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16:30 - 18:00	Corrosion Monitoring and Testing – 2	Hall-B
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CMT21	Join the Movements towards Smarter Pipeline Management – Monitor, Maintain, and Protect – Drive Operational Reliability, Safety and Profitability (Lirije Lilly Kadriu, Emerson, London, United Kingdom)	
CMT22	Smart Sensory Coating for Wear Monitoring (Dipak Tathe, Rakhi Dhuriya, Hamid Jahangir, Jayesh Shah, Henkel Adhesives Technologies India Pvt. Ltd. Pune)	
CMT23	Crude Oil Pipeline Integrity Management using advanced Crack detection ILI tool, Comparative Study with previous ILI results (Ravi Raj, Tirukkavalluri Ravindra and Mohammad Amid, Indian Oil Corporation Limited, Noida)	
CMT24	Cathodic Protection Monitoring Using Coupon Current Flow Direction and Current Density Validation with Advanced On-Time Readings in Cluster Pipelines- A Case Observation (Simson J Anand, Almasaood Energy, UAE)	
CMT25	Assessment of DC PSP of pipeline in high AC Interference Zones: A case study (Abhinay Swarup; Upendra Kumar; Ashutosh Sahoo, Indian Oil Corporation Limited, Sambalpur)	

16:30 - 18:00	Corrosion Control in Water Treatment Utilities	Hall-C
WTU11	Corrosion control in water treatment utilities Corrosion free water treatment system in DI Pipelines RBV (Prasad Rao, Anil Kumar Sharma, Electrotherm)	
WTU12	Synthesis and evaluation of PVA/chitosan membrane and modified graphite electrodes for enhanced wastewater remediation in a microbial fuel cell (K. Chaitanya Kumar, Jaya Rawat, BPCL, Greater Noida and Suhaib Ansari, AMU, Aligarh)	
WTU13	Corrosion in Water Systems (Vemuri P Sastry, Asset Integrity and Materials Engineering Services)	
WTU14	Effect of Water Parameters on Corrosion Behavior of Tempered Aisi 410 in Marine-Like Environments (Kirtiratan Godbole and Aditya Chaudhary, Motilal Nehru National Institute of Technology Allahabad)	
WTU15	Corrosion Control in Water Treatment Utilities - Oshakati Water Purification Plant Extension Project, Namibia – Case Study (Sumedha S Shah, Sandeep P Patil, Rajesh K Chenna and Gaurav S Morey, Shah Technical Consultants Pvt Ltd, Mumbai)	
WTU16	Formulation of green corrosion inhibitors for cooling water towers (Susai Rajendran* 1, N Karthiga1, T Gowrani 2, A Mariya Agnes Deena 1, Abdulhameed Al-Hashem 3, A Krishnaveni 4, R Dorothy 5, T Umamathi 6, T.Uma Sankareswari 7, Caslav Lacnjevac 8 1* St Antony's College of Arts and Sciences, Dindigul, 2 NGMC, Pollachi 3 KISR Kuwait, 4. Yadava College, Madurai, 5. 5 DSU, Tiruchirappalli, 6 SMGC Madurai 7 Rajapalayam Rajus' College, Rajapalayam 8 University of Belgrade, Serbia)	

16:30 - 18:00	Technical Interactive Forum – 4 Pipeline Integrity Management System	Hall-D
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18:00 - 19:00	Visit to Expo & Poster Presentation - Exhibition
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19:00 - 20:30	Cultural Program
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20:30 - 21:30	Dinner
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7th October 2025

09:00 – 11:00	Cathodic & Anodic Protection - 2	Hall-A
CAP21	Case Study on Gas Pipeline rupture due to fault current from a 11KV Transmission Line in Urban areas- Mitigation & Future approach (Mallesh G and KVV Rama Roa, Gail (India) Limited, Bangalore & Mohammad Shums Abbas, Gail (India) Ltd., Noida)	
CAP22	Uncompromising Reliability: Anode and Sand Backfill Integrity as Cornerstones of Long-Term Tank Bottom CP Protection (Nilesh H Gohil, Ajay Bharti, Reliance Industries Limited, Mumbai)	
CAP23	Managing Pipeline Integrity using CP Inspections (Navneet Kumar Sharma, GAIL(India) Limited, Dibiyaapur)	
CAP24	Optimizing Cement-Modified Carbon Backfill as a Sacrificial Medium in Impressed Current Cathodic Protection (Romy Saini, Arunima Shukla, Sunil Saini, Anshul Jain, DEHN India Pvt. Ltd.)	
CAP25	AC Interference Modelling, Mitigation Design and Commissioning Results - A Case Study (E. Gopal, SGB BrandSafway Private Limited, Ahmedabad)	
CAP26	Sustaining Cathodic Protection Effectiveness in Evolving Environments: A Field Approach to Anode Bed Replacement (Sivakumar Gnanasekaran, Satyanarayana Anumukonda, Pipeline Infrastructure Limited, Navi Mumbai)	
CAP27	Case Study on AC Interference Study through Computer Modelling (Priti Pallavi, G Venkateshwar Reddy, Pipeline Infrastructure Limited, Mumbai)	
CAP28	Design and Development of Off-PSP-Based Automatic Cathodic Protection Transformer Rectifier (Mukesh Kumar, PTSTR International Pvt. Ltd., Mathura, Uttar Pradesh)	
CAP29	Modelling and Mitigation of Alternating Current (AC) Interference in Underground Pipelines in IOCL (Sunil Somnath Khode, Saumitra Pant and Parveer Chand Yadav, IOCL, Noida)	

09:00 – 11:00	Coatings Linings and Thermal Insulation - 2	Hall-B
CLI21	The Performance Evaluation of a Fusion Bonded Epoxy (FBE) Coating System Applied at Three Substrates Temperature (S. Mukadam, R. Bourseli, Kuwait Institute for Scientific Research, Kuwait)	
CLI22	Development of novel secondary passivation coating on Zn-Al-Mg (Kuntal Sarkar, Rumila Mukherjee, Apurba Maity, and Tapan Kumar Rout, Tata Steel Ltd., Jamshedpur)	
CLI23	Eliminating Chromate from 3LPE Pipeline Coatings - A Sustainable Path to Safer Corrosion Protection (Mayank Sharma and Raghvendra Shukla, Ratnamani Metals & Tubes Ltd, Kutch, Gujarat)	
CLI24	Potentiostat-Independent Tools for Electrochemical Assessment of Performance of Coatings, Admixtures, and Corrosion Inhibitors (Durgesh Tamhane, Krishna Conchem Products Private Limited, Navi Mumbai)	
CLI25	Hybrid-LVOF sprayed Dense Al ₂ O ₃ coating performance and its corrosion properties in molten zinc for sink roll applications (Satish Tailor, Ankur Modi, Metallizing Equipment Company Pvt. Ltd., Jodhpur)	
CLI26	Zero VOC sustainable coating solutions for corrosion mitigation in aggressive environments (Sachin Joshi, Greenovoc Specialty Coatings Pvt. Ltd.)	
CLI27	PEDOT Coating on Zinc Ribbons for Enhanced AC Mitigation Performance (P. Sivasankar ¹ , S P Kumaresh Babu ² , Avinash H Singh ³ , A. Vallimanalan ⁴ , M. Murali ⁵ 1,3 HPCL, 2,4 NIT, Tiruchirappalli, ⁵ KARE, Krishnankoil)	
CLI28	Upcoming future for Oil & Gas industry - Spray on thermal insulation technology (Abdul Nasir Bukhari, Asian Paints PPG Pvt. Ltd., Mumbai)	

09:00 – 11:00	Corrosion in Petrochemical, Refineries and Fertilizer Industry – 1	Hall-C
CPR11	Case Studies - Failure Investigation of Incoloy 800H Convection Section Tubes in EDC Cracking Furnaces (Anupkumar Parikh, Anilkumar Lochawala, Reliance Industries Limited, Hazira)	
CPR12	Case Study on the Failure and Replacement of a Centrifugally Cast Reformer Outlet Sub-Header in a Hydrogen Generation Unit (Bhupendra Raj, Chandrakesh Prasad, Ranjeet Kumar Singh, Arun Kumar Kar, P K Basumatary, Indian Oil Corporation Limited, Bongaigaon Refinery)	
CPR13	Lessons learnt from unexpected failure of LPG Vaporizer Tube bundle (Kumar Bhaskar, Himanshu Ranjan, Naveen Kumar, IOCL, Haldia Refinery, West Bengal)	
CPR14	Failure of Studded Convection Tubes in Crude Heater of Atmospheric Unit (Vikas Sainik, Muntashir Hayat, Indian Oil Corporation Limited, Vadodara)	
CPR15	Leak at stripper feed preheater outlet line in DHDT unit due to inappropriate tee design at mixing point (Chhavi Rathore, Girish Kumar and Vikas Sharma, Indian Oil Corporation Limited, Mathura Refinery)	
CPR16	Effect of feed loss on Corrosion Dynamics in Hydrocracker Reactor Systems (Pushkin Singh, Arun Murali Padman and Yadav Vishal Fulchand, MRPL, Mangaluru)	
CPR17	Failure Analysis of Regen Drier Piping Circuit (Ravindra Lanjewar and Anup Sinare, Bharat Petroleum Corporation Limited, Mumbai)	

09:00 – 11:00	Direct Assessment Methodology Application	Hall-D
DAM11 Keynote Talk	Pipeline Integrity Management of Legacy Assets: Lessons from India's Oldest Cross-Country Pipeline (Nilim Jyoti Buragohain, Oil India Ltd, Guwahati)	
DAM12	A comparative study of Indirect inspection of cross-country gas pipeline for internal corrosion through ILI and ICDA (J N Agrawal, CEO, Corrsol Tech, Greater Noida)	
DAM13	Is the puzzle of coating fault detection under disbondment and AC influence using aboveground indirect inspection survey getting closer to being cracked? – A case study (Samsul Pathan, Shyama Ranade and Shiv Kumar Tiwari, Allied Engineers, New Delhi)	
DAM14	Risk Based vs Traditional Approaches in Metal Loss Fitness-For-Service Evaluations (Ajay Jain, Kamlesh Bera and Sai Pallapu, Quest Global Engineering Services Pvt Ltd, Bangalore)	
DAM15	Integrity Assessment on Twenty-Seven (27) Natural Gas Pipelines with Sparse Data and No Prior Historical Integrity Assessment- A Case Study (Parag Kr Das, Diganta Kr Misra, Assam Gas Company Limited, Duliajan and Bidyut Baniah, Raj Shekhar Pandey, Rahul Jangra, Allied Engineers, New Delhi)	
DAM16	Criticality of Historical Data in Pre-Assessment for ICDA in a Commingled Crude Oil Pipeline: A Case Study (Chandan Kandali, Kunja Mohan Borpatra, Satyajit Chakrabarty, OIL India Limited, Raj Shekhar Pandey, Sudhanshu Mishra, Sandeep Singh, Allied Engineers, New Delhi, Carlos A. Palacios T., Allied Engineers SME (CIMA-TQ), USA)	
DAM17	Pipeline Integrity – An Approach (Sachin Kumar, Indraprastha Gas Limited, New Delhi)	

11:00 - 11:30	Tea / Coffee (Expo Visit & Networking)
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11:30 – 12:15 Plenary Talk	From Field Lessons to Strategic Vision: AMPP as a Lighthouse for Corrosion Management in Marine and Industrial Assets (Juan Caballero, Chairman, AMPP Board of Directors & Managing Director, Naval & Industrial Solutions)	Hall A
12:15 – 13:00 Plenary Talk	Corrosion Challenges in India's Water Infrastructure (Hemen V Patel, MD, Multi Mantech International Pvt. Ltd. & Chairman, AWWA India Association)	

13:00 - 14:00	Lunch (Expo Visit & Networking)
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14:00 – 16:00	Workshop & Symposia - Marine Corrosion in Defence Industry	Hall-A
MCD11 Keynote Talk	From Rust to Resilience: Revolutionizing Corrosion Control for Sea-Going Platforms (Capt Pankaj Grover, Indian Navy, DND SDG)	
MCD12 Invited Talk	Hull Coatings: Present and Future Trends (Dr Sriyutha Murthy, BARCF, IGCAR, Kalpakkam)	
MCD13 Invited Talk	Cathodic Protection (Pankaj Panchal, Corrosion Protection Specialist Pvt. Ltd.)	
MCD14	Crevice and Galvanic Corrosion Prevention Techniques on Military Aircraft- A Case Study (Anilkumar Revankar, R.Nalini and Anilkumar.M, Foundry and Forge Division, Hindustan Aeronautics Limited, Bangalore)	
MCD15	Recyclable Polymer based Durable Self-Healing Coating for Marine Application (Sayali Vinod Mahajan, R Balaji Naik, Debdata Ratna, Naval Materials Research Laboratory, Ambarnath and S. T. Mhaske, Institute of Chemical Technology, Mumbai)	

14:00 – 16:00	Cathodic & Anodic Protection – 3	Hall-B
CAP31 Keynote Talk	The history and development of Cathodic Protection of Steel in Concrete (Rod Callon, Corrosion Technology Services)	
CAP32	Case Study: Commissioning Results and Monitoring System of Cathodic Protection of Above Ground Storage Tanks in A Large Tank Farm Project in Africa (Shailesh Javia, MATCOR Inc., USA)	
CAP33	Advanced Cathodic Protection in Hydrocarbon Pipelines using Machine Learning and Statistical Analysis Tools (Uttam Kumar Sahu & Tanmay Sarkar, Bharat Petroleum Corporation Limited, Mumbai)	
CAP34	Impact of DC Short Circuit and Leakage Currents from a Standalone Solar Power System on Pipeline Coating Integrity, and Corrosion Risk (Shammi Kapur Prasad & Sanjay Meena, IOCL, Panipat)	
CAP35	DC Interference Survey – Good Practices (Sachin S Karanth, Karan Valand, Kirit Panchal, SARK EPC Projects Pvt. Ltd., Ahmedabad)	
CAP36	Cathodic Protection Remote Monitoring of PSP & Feedback Control (Pradeep T, Hindustan Petroleum Corporation Ltd., Tamil Nadu)	
CAP37	Effect of Solar Storm on Cathodic Protection System in Cross-Country Pipelines – A Case Study (Nimit Upadhyay, Chandrakant, Bharat Petroleum Corporation Limited)	

14:00 – 16:00	Corrosion in Petrochemical, Refineries and Fertilizer Industry – 2	Hall-C
CPR21	Case Study on Hydrogen Blistering of Rich Amine Flash Drum in a Vacuum Gas Oil Hydro-Desulfurization Unit (Avinash Sankpal, Ramaprasad Baral and Aman Sahoo, BPCL, Kochi Refinery, Kochi)	
CPR22	Optimizing CUI Inspection Strategies by bridging gaps between established guidelines and real-world observations: A Case Study (Mahendra Kumar Pal, Arun Murali Padman, Vishal Fulchand Yadav, Mangalore Refinery and Petrochemicals Limited, Mangalore)	
CPR23	Overcoming Corrosion Challenges in Chemical and Petrochemical Equipment: The Role of Advanced Alloy UNS N08935 (Ganesh Prasad, Jyoti Shankar Jha, Alleima India Pvt Ltd, Pune)	
CPR24	Refinery fuel gas amine absorber – Corrosion impact and reliability strategy (Paresh Goswami, Parth Desai, Reliance Industries Limited, Jamnagar)	
CPR25	Molten Sulfur Tank Corrosion Issue Analysis and Rectification (Karshan Kandoria, Chintan Shah, Linesh Patel, Nayara Energy Limited, Vadinar)	
CPR26	Erosion-corrosion in a transfer pipe manifold handling high TAN/S crude (Prince Kumar Baranwal, Nikki Archana Barla, Deepashri D. Nage, HPGRDC - HPCL, Bengaluru)	

14:00 – 16:00	Corrosion in Oil and Gas Sector – 1	Hall-D
COG11	Case study on Corrosion in Crude Column Overhead Line in an Oil Refinery (Alok Ranjan Sahoo, IOCL, Paradip)	
COG12	Integrity assessment, root cause analysis of CFE tubes failure due to Ammonium salt deposition in DHDT unit (Raman Kumar, Ujjwal Kundu, Suresh Kumar J., MRPL, Mangalore)	
COG13	Case study on tube failure of Hydrogenation Reactor Preheater Exchanger in an Oil Refinery (Amit Kumar Mishra, IOCL, Paradip)	
COG14	Study of Recurring Failure Cases of Annular/ Sketch Plates of above Ground Vertical Storage Tanks in Coastal Locations of Eastern India (Tanmoy Sarkar and Mitesh Yadav, Indian Oil Corporation Ltd., Kolkata)	
COG15	Harnessing Machine Learning and ReaxFF Simulations for High-Throughput Identification of Natural Corrosion Inhibitors (Dharmendr Kumar, Vinay Jain, Venkataramana Runkana, Tata Consultancy Services Limited, Pune and Athira T A, IIT Delhi)	
COG16	Integrated ILI-Based Assessment and Corrosion Growth Evaluation of a 120 km Product Pipeline in Southern India (Deepak Agarwal, Gaurav Kumar Kushwaha and Allaka Pavan Kumar, IOCL, Noida)	
COG17	Bivalent Amine-Based Corrosion Inhibitor for Lpg Pipelines: DFT–MD Guided Design and Field Validation (Kottari Naresh*, KR Krishna and SN Sheshachala, HPCL Green R&D Centre, Bengaluru)	
COG18	Corrosion of Threads in Fasteners and Pipe Joints: Mitigation Using Thread Lockers and Sealants in Petrochemical, Refinery, and Fertilizer Industries (Krishna Kumar Sarswat, Henkel Adhesives Technologies India Pvt Ltd, Gurgaon)	
COG19	Transitioning from Time-Based to Risk-Based: A Decision-Before-Failure Framework for Corrosion Risk Management in Offshore Pipeline (Neeraj Kumar, Deepak Gunwant, KVV Prasad Raju, Rohit Pant, Tinku Nischal, ONGC, Mumbai)	

16:00 - 16:30	Tea / Coffee (Expo Visit & Networking)
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16:30 - 18:00	Technical Interactive Forum - 5 Corrosion Monitoring and Integrity Management	Hall-A
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16:30 - 18:00	Corrosion in Renewable Energy, Nuclear & Power Utilities – 2	Hall- B
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RNP21	Oxidation Behaviour of Magnetron Sputtered Cr-coated Zircaloy-4 in Simulated PHWR Operation Condition (Kiran K. Mandapaka, Satish C. Mishra, Sai K. Noudurua, V.S.V. Anantha Krishna, S. Roychowdhury, A. Biswas, S. K. Ghosh, Bhabha Atomic Research Centre and Homi Bhabha National Institute, Mumbai)
RNP22	Oxide Evolution, Mechanism of Oxidation and Kinetic analysis of Alloy 617 at 650°C (Archana, Ch. Jagadeeswara Rao, S. Ningshen, Indira Gandhi Centre for Atomic Research and Kalpakkam and Homi Bhabha National Institute, Mumbai)
RNP23	Mitigation of stress corrosion cracking in machined SS304L in chloride environment – comparison of controlled surface rolling vs laser shock peening (Saradhi Gumma, G. Bharat Reddy, Supratik Roychowdhury, A. Biswas Bhabha Atomic Research Centre, Mumbai and Arun Kumar Rai, P. Ganesh, Raja Ramanna Centre for Advanced Technology, Indore)
RNP24	Integrated Study on Weld Quality, Microstructure, and Corrosion Resistance of Galvanized Steel Under Varying Welding Currents and Surface Conditions (H.K.Mehtani, Umesh Ahire, Vineet Patel, Vivek Yadav, Mridul, D. Satish Kumar, JSW Steel Ltd, Bellary)
RNP25	Corrosion Challenges and Mitigation Strategies in Auxillary and Station Auxillary Cooling Water System of an 800 MW Supercritical Thermal Power Plant (Pranay, A. Lakshman Kumar, Gaurav Richhariya and A. K. Das, NTPC NETRA)
RNP26	Material Selection and Challenges for Sea Water Applications in LWR NPPs. (P C Gaurav, NPCIL, Mumbai)

16:30 - 18:00	Corrosion in Petrochemical, Refineries and Fertilizer Industry - 3	Hall-C
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CPR31	Case Study on Reactor Effluent Air Cooler (REAC) Metallurgy Upgradation Challenges in HydroProcessing Units (Manoranjan Singh, Indian Oil Corporation Limited, New Delhi)
CPR32	Analysis of Localized Shell Bulging in FCCU Reactor (P S N Swaroop, BPCL, Mumbai)
CPR33	Robotic Inspection of Industrial Assets – Case Studies (Sahab Gurjar, PetroBot Technologies Pvt Ltd, Jaipur)
CPR34	Failure Analysis of 304 Stainless Steel Elbow in Process Gas Cooling Circuit (Muthu Vijayan KSM, Kapil Sahu, Aadharshini G, Chennai Petroleum Corporation Limited, Chennai)
CPR35	Case Study: Mitigating Sulfuric Acid Corrosion in Pipelines (Harisha Kumar AP, Henkel Adhesive Technologies India Pvt Ltd. Pune)
CPR36	Managing ACSCC (Alkaline Carbonate Stress Corrosion Cracking): Practical Approaches for Owner-Users (Piyush Anghan, Harsh Mhaskar, Soham Patel, L&T Technology Services, Vadodara)

16:30 - 18:00	Corrosion in Oil and Gas Sector – 2	Hall-D
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COG21	The Value of Digital Corrosion Mapping with Magnetic Flux Leakage (MFL) over Traditional Ultrasonic Thickness (UT) Measurement Inspection on Storage Tank Bottoms (Andrew Simpson, Eddyfi Technologies, UK and Dr. Matthew Boat, Eddyfi Technologies, Canada)
COG22	Failure Analysis of Painted Hydraulic & Instrumentation Tubing UNS S31603 in an LNG Terminal and Metallurgical Solutions (Jyoti Shankar Jha, Alleima India Pvt Ltd, Pune and Fadi Alsaifi, Alleima AB, Sweden)
COG23	Prediction of Scaling Tendencies in Gas Injection Facilities to Minimize Flow Assurance Issues in West Kuwait Oilfield (S. Jose, A. Marshad, R. Bouresli and A. Hashem, Kuwait Institute for Scientific Research, Kuwait)
COG24	Enhancing Long-Term Reliability of Storage Tanks & pipeline Using a Holistic and Integrated Repair Methodology (Nilesh Adkar, Henkel Adhesives Technologies India Private Limited, Pune)
COG25	Development of “High Resolution Geometry and Magnetic Flux Leakage” (MFL) tools (Girish Lokwani, Pipescan Integrity Services India & United Arab Emirates)
COG26	Qualification of TMCP Steel for Extreme Sour Applications: LSAW and Induction Bend Line Pipe (Atul Srivastava, Satendra Kumar, Narendra Patidar, Vikram Singh and Devendra Goyal Welspun Corp Ltd., Kutch)
COG27	Clamped Line Pigging in Subsea Pipelines: A Risk-Based Approach for Integrity Management (Ganesh Mhaske, Rajiv Vashist, Suneel Gandham, Rohit Pant, Tinku Nischal, Pipeline Group, ONGC, Mumbai)
COG28	Troubleshooting of Failure analysis of Floating roof Tank leg support due to Differential Oxygen Cell Corrosion & pitting corrosion, Accelerated localised corrosion due to presence of Sulfur (Saptarshi Ray, Sukumar Ray, IOCL, Kolkata)
COG29	Abnormal corrosion in overhead piping of main fractionator column in AVU (Vikas Sharma, M.P. Singh and Rohit Kumar, Indian Oil Corporation Limited, Mathura)

16:30 - 18:00	Round Table Conference - Protective Coatings and Lining Industry	Meeting Room
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18:00 - 19:00	Visit to Expo & Poster Presentation - Exhibition
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18:00 - 19:00	Corrosion Awareness Award - 2025 Ceremony
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20:30 - 21:30	Dinner
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8th October 2025

09:00 - 11:00	Jung Se Jung	Hall-A
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09:00 - 11:00	Young Students & Scientist Forum - 1	Hall-B
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YSR11 Keynote Talk	Design of next generation oxidation resistant TiAl complex alloy for defense applications (Dr. Saurabh Nene, IIT Jodhpur)
YSR12	A Study on the Corrosion Behaviour of ALCRFENINBX High Entropy Alloys (Roshith Kathirantavida ¹ , Chaitanyaa Govande ¹ , T Shanmugasundaram ^{1*} , ¹ Defence Institute of Advanced Technology, Pune)
YSR13	Influence of Electrolyte Concentration on Zirconia Nanotubes and Its Corrosion Resistance Behaviour (A. Dharshini ¹ and N. Rajendran [*] , Anna University, Chennai)
YSR14	Effect of Salt Concentration on the FAC Behavior of X70 Steel in CO ₂ -Saturated Simulated Oilfield Water (Rahul Kumar Singh, Shashi Bhushan Arya [*] , Jagannath Nayak, NIT Karnataka, Surathkal)
YSR15	Effect of current density on corrosion properties of electrodeposited CuCoNiCrMo multi-principal element alloy coatings at NAB substrate (Shrawan Kumar Bairwa, Kunal Rohilla, Suresh Bandi, Brij Mohan Mundotiya, Malaviya National Institute of Technology Jaipur)
YSR16	MXene-Polyimide Composite: A potential coating material for the protection of steel substrate (Sukanta Badaik ¹ , ² , Suryakanta Nayak ² , Balram Ambade ¹ , Tapan Kumar Rout ² ¹ NIT, Jamshedpur ² Tata Steel Limited, Jamshedpur)
YSR17	Effect of High-Volume Fly Ash on Corrosion of Reinforcement in Self-Compacting Mortar with Uniform Cover Depth (Md Marghoobul Haque and Supratic Gupta, Indian Institute of Technology Delhi, New Delhi)
YSR18	Biomass-Derived Nitrogen-Rich Carbon Nanocomposite-Based Epoxy Coatings to Mitigate Corrosion of Mild Steel (Ravi Saini ^{1,2} , [*] , Ramesh N. Goswami ^{1,3} , Sweta Mehta, ^{1,2} and O.P. Khatri ^{1,2} ¹ CSIR-IIP, Dehradun, ² ASIR, Ghaziabad, ³ IIT Roorkee)
YSF19	Corrosion Properties of Al-Cu-Mg - Titanium Dioxide Particulate Reinforced Metal Matrix Composite (Syed Raiyan, Dr. Hemantha Kumar T. R, Dr. Jayaprakash H. V, Siddhartha Institute of Technology, Tumkur)

09:00 – 11:00	Corrosion in Concrete and Infrastructure	Hall-C
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CCI11 Keynote Talk	Innovative Material Strategies for Sustainable & Resilient Infrastructure (Gouranga Charan Rout, Sr. Vice President, Electrotherm (India) Limited, Gujarat)
CCI12	Construction and Repair of Structures Affected by Chloride-Induced Reinforcement Corrosion–Case Studies (Syed Ehtesham Hussain, Sabza Colony, Shaikpet, Hyderabad)
CCI13	The Corrosion Mitigation of Embedded Mild Steel in Concrete with Phyllanthus emblica L. Bark Extract as a Concrete Additive in Harsh Environments (Madhab Gautam, Dhruva B. Subedi, Yuvraj Paudel, Kamal T. Kunwar, Magar, Nootan P. Bhattarai and Jagadeesh Bhattarai, Tribhuvan University, Kirtipur)
CCI14	Influence of Coating Thickness on Corrosion Behaviour in Zn-Al-Mg Alloy Coatings (Vineet Patel ¹ , Vivek Kumar Yadav, H.K. Mehtani, D. Satish Kumar,JSW Steel LTD, Bellary)
CCI15	Chloride-Induced Corrosion in FBE-TMT Reinforced Pre-Cracked Concrete: A Comparative Study (Krishna Chetnani, Prajnadatta Meher, Gouranga Charan Rout [*] , Electrotherm (India) Ltd., Gujarat)
CCI16	Enhancing Structural Durability of RCC Seawater Cooling Towers in Marine Environments: A Case Study from BPCL Mumbai Refinery (Prabal Kothari and Manojkumar Kadani, Bharat Petroleum Corporation limited, Mumbai)
CCI17	Corrosion Control of 304 ASS in Simulated Concrete Pore Solution with Shorea robusta Bark Extract as Phyto-based Anti-corrosive Admixture (Dhruva B. Subedi, Madhab Gautam, Yuvraj Paudel, Kamal T. Kunwar, Magar, Lok K. Shrestha, Nootan P. Bhattarai ¹ and Jagadeesh Bhattarai, Tribhuvan University, Kirtipur)

09:00 – 11:00	Corrosion in Petrochemical, Refineries and Fertilizer Industry - 4	Hall-D
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CPR41	Failure Analysis of SS 304 Piping at Exchanger Outlet-Bypass Mixing Point (R Abhilash, Samarendra Das, Nagendra P, Chennai Petroleum Corporation Limited, Chennai)
CPR42	Integrating Mechanism-Based Analysis and Predictive Models for Naphthenic Acid Corrosion in Refining Systems (Amrutha MS, Corrosion & Material Protection Division, CSIR-CECRI, Karaikudi and Prince Kumar Baranwal, Vineetha Rajendran, Sathish C, Rohon Parvej, Deepashri Nage, Hindustan Petroleum Green R&D Center, Bangalore)
CPR43	Advanced approach to Piping Integrity applications for Refinery and Petrochemicals- An Integrated approach to Piping Integrity and Corrosion Management (Yogesh Kumar and Satya Prakash Pasi, IOCL, Panipat)
CPR44	High-Temperature Hydrogen Attack in a P11 Hydrogen Line: A Case Study from Polypropylene Unit (Pratham N, Kaustubh1 and Praveen R and Mangalore Refinery and Petrochemicals Limited, Mangalore)
CPR45	Case Study: Performance Comparative Study of Two Different Coating System for Tank Roof External (Jigar Shah, Henkel Adhesives Technologies India Private Limited, Pune)
CPR46	Study on Corrosion Behavior and Material Adequacy of REAC in Hydrocracking Unit (Manish Kumar, Jayram Ranwa, Tamal Ghosal, Sudarshan Kumar, IOCL, Panipat Refinery)
CPR47	Crude Choices, Critical Consequences: Impact of Siberian Light and Urals Processing on REAC Plugging in DHDS/DHDT Units (Nishad VS and Krishnakumar V, Bharat Petroleum Corporation Limited)

11:00 - 11:30	Tea / Coffee (Expo Visit & Networking)
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11:30 – 12:15 Plenary Talk	R&D Remote Asset Integrity Monitoring 25 Years Later (Dr. Kimberly-Joy Harris, PMP, PhD, Manager Corrosion Prevention, HF Sinclair & Vice-Chair BOD, AMPP)	Hall A
12:15 – 13:00 Plenary Talk	Non-Intrusive Pipeline Inspection for City Gas, Water Crossings, and HDD Locations (Mark Glinka, EMPIT GmbH, Germany)	

13:00 - 14:00	Lunch (Expo Visit & Networking)
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14:00 - 16:00	Technical Interactive Forum - 6 Corrosion Control of City Gas Distribution	Hall-A
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14:00 - 16:00	Corrosion in Oil and Gas Sector – 3	Hall-B
COG31	Corrosion monitoring and mitigation measures of petroleum service pipelines at Coastal & industrial environment. (Hitesh Gupta, Suhrat Koul, IOCL, Mumbai)	
COG32	Soil Side Corrosion of Bottom Plates of Storage Tanks at Coastal Locations (Ravi Shankar Yadav, Hitesh Gupta, IOCL, Mumbai)	
COG33	Impact of Flow dynamics in failures of Oil and Gas pipelines (Suraj Makkar*, Simran Bareja, Ravi Panghal, Manish Gupta, M P Kekre, IPEOT – ONGC, Navi Mumbai)	
COG34	Investigation into The Failure of an HP Gas Line: The Role of Sweet Corrosion and Corrosion Allowance (Simran Bareja, Nikhil Khanduja, Ravi, Manish Gupta, Mangesh P. Kekre, IPEOT – ONGC, Navi Mumbai)	
COG35	Failure Analysis of Sucker Rods in Artificial Lift Wells of Onshore O&G Fields: Case Studies (Ravi, Suraj Makkar, Simran Bareja, Manish Gupta, M P Kekre, IPEOT – ONGC, Navi Mumbai)	
COG36	Improvement in Corrosion Resistance of Low Alloy Steel Using Surface Engineering Methods (Shrikant Jagtap, Dr. T. U. Patro, Defence institute of advance technology, Pune and Deepak Ghule, Dr.Bharat Padekar, Bharat Forge Ltd, Pune)	
COG37	A marked change in corrosion Inhibition Treatment – A case study (Sandip Kuthe, Mumbai)	

14:00 - 16:00	Marine Corrosion	Hall-C
MAC11	Design and Optimization of Eni-P-Nano Tio2 Composite Coatings for Enhanced Mechanical And Anticorrosive Properties For Marine Applications (Comdt (JG) R Anthoni Sagaya Selvan, DIG Shailesh Rajan, Comdt Nishad CB, Coast Guard Regional Store Depot, Port Blair)	
MAC12	Layout and Fabrication Challenges with Cladded and Lined Pipes (Kumar Gurumallappa, Hemanthkumar Alagarsamy, Mohanraj Ramamoorthy and Srinivas Sridhar, Kellogg Brown & Root Engineering and Construction India Pvt. Ltd., Chennai)	
MAC13	Long-Term Marine Corrosion Resistance of Hot Dip Galvanized Steel: A Case Study from Jetty Fender System Systems in Sri Lanka (Prabath Gunasekara, Dasun Weerathunga, Melake Jayawardane and Lahidu Lakshan, LTL Galvanizers (Pvt) Ltd., Sri Lanka)	
MAC14	Influence of Morphology of Zinc Oxide Nanostructures on Marine Corrosion Resistance (Gurleen Singh Sandhu, Md Julker Nine, Kosala Purasinhala, Dusan Losic, The University of Adelaide, Australia)	
MAC15	Synergistic impact of chloride ions and dissolved oxygen on copper corrosion: An industrial perspective (P. Arunmuthukumar, S. Maruthamuthu and R. C. Barik, CSIR-Central Electrochemical Research Institute, Karaikudi)	
MAC16	Microbial Induced Corrosion (MIC) of Carbon Steel Pipeline (API X70) in Sea Water Under Static and Dynamic Conditions (Vineet Patel ^{1, 2} , Shashi Bhushan Arya ^{1 *} , D. Satish Kumar ² , National Institute of Technology Karnataka and 2 JSW Steel LTD, Bellary)	
MAC17	MOF-199 as a Smart Nanocarrier for Green Inhibitor Encapsulation to Mitigate Brass Corrosion in Marine Environment (Sushmita and Deepa Prabhua, Manipal Institute of Technology Bengaluru)	

14:00 - 16:00	Young Students & Scientist Forum - 2	Hall-D
YSF21 Keynote Talk	Innovative and futuristic opportunities for the next generation of global corrosion experts (Amir Eliezer, Florida Atlantic University, USA)	
YSF22	Influence of candies on the corrosion resistance of orthodontic wires made of SS 316 L alloy and SS 18/8 alloy immersed in artificial saliva (I Vinnarasi Suganya, Susai Rajendran, St Antony's College of Arts and Sciences for women, Kadaikanal and Abdelhamid Al-Hashem, Kuwait Institute for Scientific Research, Kuwait)	
YSF23	The mystery of cannons of Dindigul Rock Fort (S Kavipriya, Susai Rajendran, St Antony's College of Arts and Sciences for women, Kadaikanal and Abdelhamid Al-Hashem, Kuwait Institute for Scientific Research, Kuwait)	
YSF24	Study the Effect of Aging Heat Treatment on Metallurgical and Corrosion Properties of Welded Aluminum Alloy (Krunalkumar Patel, Dr. Sunil.D.kahar, Maharaja Sayajirao University of Baroda, Vadodara)	
YSF25	Self-Healing Polysiloxane Coating Developed by Direct Incorporation of Lithium Carbonate In Polydimethylsiloxane Matrix on Mgaz31b (John Tizzile J Selvarani 1,2, Mary Mathews 1, Jyothy mol Joy 1,2, Arunchandran Chenan 1,2 1 CSIR-CECRI, Karaikudi and 2 AcSIR, Ghaziabad)	
YSF26	Superhydrophobicity enhances or retards corrosion protection? Evidence from the water uptake study (J. S. John Tizzile, 1,2 J. Jyothy Mol, 1,2 S. Abirami, 1,2 Arunchandran Chenan 1,2* 1 CECRI, Karaikudi 2 AcSIR, Ghaziabad)	
YSF27	Indole Thiosemicarbazones as Corrosion Inhibitors for Mild Steel in Acidic Media: Experimental and Theoretical Insights (Nithya Balakrishnan 1,2, John Tizzile JS 1,2 and Arunchandran Chenan 1,2 1 CSIR-CECRI, Karaikudi and 2 AcSIR, Ghaziabad)	
YSF28	Integrating Conventional Testing and Digital Technologies for Corrosion Fatigue and SCC Monitoring in Nickel-Based Alloys (Raja Rishika M, Sugan Dharmarajkannu and Balasivanandha Prabu Shanmugavel, Anna University Chennai)	
YSF29	Enhancing Phosphate Conversion Coating through Galvanic Coupling (Suraj Dabhekar and Dr.Sunil Kahar, The Maharaja Sayajirao University of Baroda)	

Poster Presentation

PP01	Bridging the Gap in Interference Mitigation for Indian Pipelines: (what are the correct practices?) (Romy Saini, Sunil Saini, Arunima Shukla and Samir Shankar, 'Dehn India Pvt Ltd, Gurgaon)
PP02	Laponite coating on TiO ₂ nanotube arrays as next-generation material for orthopedic implant applications (P. Muniyan & N. Rajendran, Department of Chemistry, Anna University, Chennai)
PP03	Study on the Effect of TiO ₂ and ZnO Flux on Corrosion Behavior of Activated TIG Welded Austenitic Stainless Steel (Sanket Patil, Dr. Sunil Kahar and Krunal Patel, The M S University of Baroda, Vadodara)
PP04	Inspection Data Management System (IDMS) for Risk Based Inspection (RBI) Implementation (Vemuri P Sastry, Asset Integrity and Materials Engineering Services)
PP05	Oxidation behaviour of dual layered Cr-Cr ₂ O ₃ coated Zircaloy-4 accident-tolerant fuel cladding under high-temperature steam exposure (Satish Tailor, Ankur Modi, Metallizing Equipment Company Pvt. Ltd., Jodhpur)
PP06	Unveiling Corrosion Patterns: Electrochemical and Surface Profiling of Aluminium Alloy in 3.5% NaCl Solution (Brinda, Lavanya Mulky, Manipal Institute of Technology, Manipal)

PP07	A Preventive Maintenance Approach to Internal Corrosion in Fire Water Pipelines Through Flow Loop Optimization (Rohit Kulkarni, BPCL, Mumbai)
PP08	Predictive Analysis on Internal Corrosion in Hydrocarbon Pipelines Using Machine Learning and Statistical Analytics Tools (Uttam Kumar Sahu, Keshav Kumar Dewangan, BPCL, Mumbai)
PP09	Characterization and Corrosion Study of Cra 625 Weld Overlay Developed by Gtaw Process for Oil and Gas (Vedant Patel, Dr. Sunil Kahar, MS University, Vadodara)
PP10	NACE MR0175 vs NACE MR0103 (When to select What) (Vipul Kumar Sinha, Bharat Petroleum Corporation Limited, Mumbai)
PP11	An Encounter with the control of corrosion of mild steel pipelines transporting simulated oil well water through the use of eco-friendly corrosion inhibitors (Susai Rajendran 1*, Abdulhameed Al-Hashem 2, S.C. Joycee 3, A.S. Amalraj 4, K Narmatha 1, N Anitha 1, RM Joany 5, T Umamathi 6, A Krishnaveni 7, T Umasankareswari 8, Caslav Lacnjevac 9 1 St Antony's College of Arts and Sciences for Women 2 KISR, Kuwait 3 Idaya College for Women, Sivagangai 4 SSAC, Devakottai 5 SIST, Chennai 6 SMGC, Madurai 7 Yadava College, Madurai 8 Rajapalayam Rajus' College, Rajapalayam 9 University of Belgrade, Serbia)
PP12	Case Study on Breech Lock Heat Exchangers reliability issues and its leak free operation (Manoranjn Singh, Indian Oil Corporation Limited, New Delhi)
PP13	Synergistic Enhancement of Hardness and Corrosion Resistance in Al-Li (8090) Alloys Reinforced with B ₄ C Particles (Comdt (JG) R Anthoni Sagaya Selvan ¹ , DIG Shailesh Rajan ² , Comdt (JG) Naresh Kumar ³ 1Coast Guard Regional Store Depot (Port Blair), Port Blair & 2,3 HQ Coast Guard Region (A&N), Port Blair)
PP14	A Review on Characterization Study of Friction Stir Welded Titanium Alloy (Kaizarhusein Bhaisaheba and Dr. Sunil Kahar, Faculty of Technology & Engineering the Maharaja Sayajirao University of Baroda, Vadodara)
PP15	Corrosion Mitigation Efficacy of Cefotaxime as a Green Inhibitor for Mild Steel in 0.5 M H ₂ SO ₄ : Gravimetric, Electrochemical, Surface, and Structural Investigations (Sheetal Kundu, Akanksha, Vinod Kumar, Sanjeeve Thakur, Netaji Subhas University of Technology, New Delhi and Ashish Kumar Singh, Hansraj College, University of Delhi, Delhi)
PP16	Biofilm-Driven Corrosion Monitoring on Carbon Steel: Electrochemical Characterization Coupled with Glucometer-Based EPS Glucose Detection for MIC Evaluation (Velraj P, Dr. Sudha Uthaman, Kokila S, Dr. L. Jegan Antony Marcilin, Sathyabama Institute of Science and Technology, Chennai)
PP17	Effect of Texture, Grain Boundary Constitution, and Molybdenum Partitioning on Corrosion and Hydrogen Permeation Behavior of Pulse Electrodeposited Ni-Mo Coatings (Sunando Banerjee, Akhand Pratap Singh, Chandan Srivastava, Indian Institute of Science, Bangalore)
PP18	Comprehensive Corrosion Inhibition Assessment of MnFeO ₃ Nanoperovskite in 1 M HCl Media (Akanksha, Sheetal Kundu, Vinod Kumar, Sanjeeve Thakur, Netaji Subhas University of Technology, New Delhi and shish Kumar Singh, Hansraj College, University of Delhi, Delhi)