

CORCON 2022 - Detailed Programme Schedule

Day 0 - September 19, 2022 (Monday); 2 to 9:30 pm

2 to 5:30 pm - Delegate Registration
 6 to 8 pm - Conference & Expo Inauguration
 8 to 9:30 pm - Dinner

List of Posters (The posters will be displayed in the Exhibition Hall by 6 pm)

Chair: Prof. T. M. Sridhar, Univ. of Madras
 Vice-chair: Dr. S.C. Vanithakumari, IGCAR

PP01	Photo Cathodic Electrochemical Analysis of C3n4/Tio2 Composite Coated 316l Stainless Steel; Abinaya Radhakrishnan, Manoja Tharamaraj and Nagarajan Srinivasan, Manonmaniam Sundaranar University, Tirunelveli	PP13	Material Conservation by Eco-Friendly Ionic liquid: Electrochemical Approach Namitha K, Padmalatha Rao, and Suma A Rao, Manipal Institute of Technology, Manipal
PP02	Cathodic Protection by Sacrificial Anode for Under Water Tank Application Harshil Narola, Virat Oza and Dr. Sunil D. Kahar, Maharaja Sayajirao Univ. of Baroda	PP14	Microbiologically induced corrosion & its mitigation: A review Harsh Zala, Tamanna Tiwari, The M S University of Baroda
PP03	Coloring Effect and Corrosion Behaviour of Anodized Titanium and Its Alloys: A review Neema Pandey, Bhagyashree Joshi*, The M S University of Baroda	PP15	Towards the Development of Superhydrophobic PANI for Corrosion Protection J. Jyothy Mol, S. Abirami, C. Arunchandran*, CSIR – CECRI, Karaikudi
PP04	Corrosion Combating Potential of an Expired Antibiotic Doxycycline over Mild Steel in Acidic Media; Sheetal1, Sanjeev Thakur1, Ashish Kumar Singh1,2*; 1Netaji Subhas Univ. of Tech., New Delhi; 2Bharati Vidyapeeth's College of Engg, New Delhi	PP16	Internal Erosion of Steam Drum in Vacuum Distillation Unit Avik Dey, Naveen Kumar and Arun Kr Kar, Indian Oil Corporation Limited, Haldia Refinery
PP05	Critical Issues & Challenges of Corrosion Under Insulation in Various Chemical, Petrochemical & Oil and Gas Industries; Bhavya Joshi, Shubham Akbari, Dr. Sunil D. Kahar, The Maharaja Sayajirao University of Baroda	PP17	Wire Rope Inspection using Magnetic Flux Leakage Technique Harikrishna S, Bharat Petroleum Corporation Ltd, Kochi
PP06	Electrochemical Investigation of C3n5/Tio2 Coated on Az31 Magnesium Alloy in Sodium Chloride Solution; Manoja Tharmaraj, Abinaya Radhakrishnan and Nagarajan Srinivasan, Manonmaniam Sundaranar University, Tirunelveli	PP18	Corrosion Assessment & Repairs of Cladded Reactor in Purified Terephthalic Acid Plant – A Case Study Vineet Sharma, Paresh Goswami, Vivek Dubay, Reliance Industries Limited, Mumbai
PP07	Enhancing the corrosion resistance of biodegradable magnesium using groove pressing technique; Manas R. Sahu, T.S. Sampath Kumar and U. Chakkingal, IIT Madras, Chennai	PP19	Challenges and remedies to the design of SACP system in concrete Ananya Ajayan and Radhakrishna G. Pillai, IIT Madras, Chennai
PP08	Failure analysis of Gas Flow line in Indian Onshore – A case study Asis Isor*, Suraj Makkar, Srimoyee Khan & M K Talukdar, IEO, ONGC, Navi Mumbai	PP20	Performance assessment of galvanic anode cathodic protection systems in reinforced concrete structures; Keerthi V.T. and Radhakrishna G. Pillai, IIT Madras, Chennai
PP09	Graphene Oxide/Composite Coating on Titanium metal to Improve Biocompatibility and Corrosion Resistance; R. Vignesh, S.P. Vinothini, Saveetha Engg., College, Chennai and T.M. Sridhar, University of Madras, Chennai	PP21	Stress Corrosion Crack studies in Prestressing Steel wires in hardened concrete exposed to chlorides in both laboratory and field conditions Sreelakshmi Srinivasan, Dyana Joseline and Radhakrishna G Pillai, IIT Madras, Chennai
PP10	Industrial Applications of Thermal Spray Coating Technology Dr. Sunil D. Kahar, Harsh Panchal, Bhushan Deshmukh, The Maharaja Sayajirao University of Baroda, Baroda	PP22	Influence of Corrosion Inhibitor on Long-Term Performance of Cement Mortar Against Biogenic Acid Attack; Mohd Umar and M.S. Haji Sheik Mohammed; B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai
PP11	Inhibiting corrosion of Mg alloy AZ31 with Lithium based inhibitor J. S. John Tizzile, C. Arunchandran, CSIR – CECRI, Karaikudi	PP23	Corrosion Inhibition Efficiency of Generic Compounds on Corroded Reinforcing Bars under different environments in Simulated Concrete Pore Solution Shefali Aggarwal and Shweta Goyal, Thapar Institute of Engineering & Technology, Patiala
PP12	Invitro Studies of Bioceramic Composites Coated Orthopaedic Implants; K. Aruna, M. Sundara Ganeasan, T.M. Sridhar, Univ. of Madras, Chennai and K.M. Veerabadrana, Anna Univ., Chennai	PP24	Effect of Cold Spray Process Parameter on Adhesion Strength of Metal Matrix Composite Coatings on AZ31B Magnesium Alloy, M.Ashokkumar, Government College Of Engineering, Tamilnadu

Day 1 - September 20, 2022 (Tuesday); 9 am to 2 pm

	Hall A	Hall B	Hall C	Hall D
Time	CAP 1 - Cathodic & Anodic Protection	CPR 1 - Corrosion in Petrochemical and Refineries Industries	COG 1 - Corrosion in Oil and Gas	CMT – Corrosion Monitoring and Testing
	Chair: Sandeep Vyas, Reliance	Chair: Dr. C. Kannan, IOCL Vice-chair: B.S. Negi, Ex-IOCL	Chair: Dr. Anil Bharadwaj, Ex-ONGC Vice-chair: Dr. Sukanta Ghosh, Shell Tech.	Chair: Bhupendra Gaur, Consultant Vice-chair: Amish Gandhi, Metal Samples
9 am	Keynote 1: Pipeline Corrosion Integrity Management Ashish Khera, Allied Engineers, New Delhi	Keynote 2: Non-Phosphorous Naphthenic Acid Corrosion Inhibitor Marcelo Cordoba, Senior Technical Sales Advisor, Halliburton, USA	COG11 - Inspection Strategy for Corrosion Under Insulation (CUI) – A Practical Approach Raman Kumar, Amit Kumar Mishra, MRPL, Mangalore	CMT11 - Laboratory Studies for Naphthenic Acids Corrosion Monitoring by Thin Layer Activation Technique; R.C. Saxena & Sudip K Ganguly, Indian Institute of Petroleum, Dehradun and Jayashree Biswal & H.J. Pant, Bhabha Atomic Research Centre, Mumbai
			COG12 - Laboratory Testing and Qualification of Corrosion Inhibitors: Art of Pre-Corrosion Abhijeet Sabnis, Anupom Sabhapondit, Shell India Markets Private Ltd, Bangalore	CMT12 - Corrosion detection under insulation by radiography film density measurements Girish P. Deore, Pravin P. Deshpande and Chandrashekar Gawas, College of Engineering, Pune
9:30a m	CAP11 - Integrity Management of Pii's Kakinada-Bharuch Natural Gas Pipeline Network Pipeline Eldho Varghese, Suresh Subramanian Iyer and Kokila Shah, Pipeline Infrastructure Limited, Navi Mumbai	CPR11 - Successful Use of Austenitic Stainless Steels in a High Chloride Environment: An Experience with IOW monitoring Arun Murali Padman, Mangalore Refinery and Petrochemicals Ltd, Mangalore	COG13 - Analysing the Effects of Potassium Chloride on the Corrosivity of Injection Water Rishabh Niyal, Dibyajyoti Parida, Manoj Kumar Sarkar, Suman Kumar Jaruhar, IEOT, ONGC, Navi Mumbai	CMT13 - Mitigation of Cathodic Protection Current Drainage at Control Stations of Cross-Country Pipelines Swatantra Kumar and Keshav Kumar Dewangan , Bharat Petroleum Corporation Limited, Kanpur
	CAP12 - Innovative Mitigation Approach on the Critical Combined Cathodic and Anodic Interference on a pipeline-Detection, Analysis and Mitigation of Corrosion Risk Rituraj Mishra, Bharat Petroleum Corporation Ltd, Kochi	CPR12 - UNS N08935- A New Corrosion Resistant Alloy for Refineries and Chemical Industry Rohit Ojha, Alleima, Pune and Karen Picker, Alleima, USA	COG14 - Localized corrosion behavior of SS316L in Sea Water – Mono Ethylene Glycol Mixture S. Gururaj, G. Sundararajan and T. Bos, Shell Technology Centre, Bangalore	CMT14 - An electrochemical analysis of Cu-based earth electrodes Arunima Shukla, Vikas Almadi and Sunil Saini, DEHN India Pvt. Ltd., Gurugram
10am	CAP13 - Case Study – An Analytical Approach for Corrosion Control In Pipelines Keshav Kumar Dewangan, Swatantra Kumar, Rituraj, Bharat Petroleum Corporation Limited, Mumbai	CPR13 - Stress Corrosion Cracking of Lean Amine Piping Weld Joints Mastram Hathesh, Bharat Petroleum Corporation Limited, Sagar	COG15 - Case Study - Improve Asset Integrity of The Storage Tanks Up To 20 Years with Repair, Rebuild And Protection Solutions Jigar Shah, Henkel Adhesives Technologies India Private Limited., Pune	CMT15 - Effect of Niobium addition corrosion behaviour of austenitic stainless steel clad weld overlays in diffident corrosive media Dr. Sunil D. Kahar, The M. S. University of Baroda, Vadodara
	CAP14 - Is Your Survey Data Accurate? Jay Warner and Randy Hilgart, Dairyland Electrical Industries, USA	CPR14 - Sigma Phase Embrittlement of SS304H Stainless Steel Weld in PFCCU Regenerator Praveen Ramanathan, Ameet Kulkarni and Vishal F Yadav, Mangalore Refinery and Petrochemicals Limited, Mangalore	COG16 - In service Robotic inspection of storage tanks, pressure vessels, Piping boilers using ITIS Rover/ MagRover – A Case Study Sahab Singh Gurjar, PetroBot Technologies Pvt Ltd, Jaipur	CMT16 - Improving Reliability and Managing Risk through Integrity Operating Window Implementation - An Innovative Approach Krishnakumar V, Bharat Petroleum Corporation Limited, Kochi

10:30 am	CAP15 - Challenges and Maintenance Issue in Cathodic Protection System for Underground Vessels P. Thirupathi Reddy and N.S. Bhattacharya, Engineers India Limited, New Delhi	CPR15 - In service cracks in De-aerator Vessel SA 516 GR 60 Sumit Bansal, Vinay Kumar Prasad, Jasbir Singh, Bharat Petroleum Corp. Ltd., Mumbai	COG17 - PIG tracking at Intermediate Valve locations in Pipelines by observing Pressure trends in the pigging section B.P.Poddar , Johnny Sharma , Indian Oil Corporation Limited, Durgapur	CMT17 - Conceptual model development for digital twin of the pipeline for Corrosion and Crack Deepak Agarwal, Santosh Kumar, Sayan Roy, Indian Oil Corporation Limited, Noida
	CAP16 - Field Application of a New Conductive Coating Impressed Current Anode for Performance Assessment on Reinforced Concrete Structures Arpit Goyal ¹ , Homayoon Sadeghi Pouya ² and Eshmaiel Ganjian ³ , 1 Thapar Institute of Engineering and Technology, Patiala 2 Transportation UK and Europe, UK 3 Concrete Corrosion Tech Ltd., UK	CPR16 - High Temperature Hydrogen Attack Failure in 1¼% Cr - ½% Mo Steel Piping in Naphtha Reforming Unit. Endgame Of Nelson Curves for Material Selection In High Temperature Hydrogen Environments? N Vaartha, M P Singh, K M Agrawal, Indian Oil Corporation Limited, Mathura and Anil Gautham, Indian Oil Corporation Ltd., Faridabad	COG18 - Evaluation of Combination Effects of Corrosion, Scale and Biocide Inhibitors for Application in Seawater Injection System S. Jose, S. Mukadam, A. Al-Hashem and M. Dabir, Kuwait Institute for Scientific Research, Kuwait	CMT18 - Dew-condensation on Electric and Electronic Components in Control Panels, Boxes and Cabinets formed by Moisture Respiration Teruhisa Tatsuoka, Hiromitsu Ijichi and Keiichi Yoshino, Tepco Research Institute, Japan
11am	CAP17 - Improving Performance of Al-Mg Sacrificial Anode Through Forging V.A.Mistry, Urvesh Vala, Gujrat Technological University, Ahmedabad Dr I B Dave, Dr M D Dani, Government Engineering College, Gandhinagar			

11:30 to 12 pm	Tea / Coffee (Expo Visit & Networking)
-----------------------	---

12 to 1 pm	<p>PLENARY SESSION – 1 Main Hall; Chair: Mr. Sumeet Kataria, Secretary, AMPP India Chapter</p> <p>The Correlation Between Corrosion and the Future of Medical Healthy Implants Amir Eliezer, Vice Chair - 2022, AMPP</p>
-------------------	--

1 to 2 pm	Lunch (Expo Visit & Networking)
------------------	--

Day 1 - September 20, 2022 (Tuesday); 2 pm to 9 pm

Time	Hall-A	Hall-B	Hall-C	Hall-D
	DAM - Direct Assessment Methodology Application	TIF 1 - Integrity Mgmt. for Coatings, CP systems, Interference and Mitigation	TIF 2 - Water Treatment	PPU - Power Plants and Utilities
	Chair: Ashish Khara, Allied Engineering Vice-chair: Ajit Thakur, IOCL			Chair: Pradeep Jain, EX NTPC Vice-chair: Dr. B. Anandkumar, IGCAR
2 pm	Keynote 3: Operators' perspective on Direct Assessment (DA) as an Integrity Assessment Tool Shri A K Tewari, Ex ED, IOCL	Convener : Sandeep Vyas, Sr. GM, RIL Dr Narendra Kumar, ED, Torrent Gas Pvt. Ltd. Rod Callon - MD – Technical , CTS Shailesh Javia, Senior Estimating Manager ,MATCOR, Inc Alok Gurtu, Director and Head O&M , Reliance Ethane Pipeline Limited K.B. Singh, K B Singh & Associates	Keynote 4: Water – Elixir of Life – Managing it with care it deserves Mr. Ajay Popat, Ion Exchange (India) Ltd., Mumbai	Keynote 5: Fire-side Corrosion and Steam Oxidation of Advanced Ultra Supercritical Power Plant Materials Dr. S. Ningshen, Indira Gandhi Centre for Atomic Research, Kalpakkam
				PPU11 - Corrosion of a Ni-Cr-Mo-Ti alloy in molten FLiNaK salt at 700 °C Poulami Chakraborty*, Rumu H. Banerjee, Raghvendra Tewari and Vivekanand Kain Bhabha Atomic Research Center, Mumbai
2:30 pm	DAM11 - Direct Assessment for Challenging Subsea Pipelines Zaimatul Sulfiza CEng MIMechE, Sonomatic, Kuala Lumpur, Malaysia			PPU12 - Efficient Management of Cooling Water System during Long Shutdown by Chemical Preservation in 3X500MW Thermal Plant; Dr Rakesh K Sharma, Rajesh Kumar, APCPL, Jhajjar
	DAM12 - Internal Corrosion Direct Assessment for a bi-directional Natural Gas pipeline network system assessed with WG-ICDA methodology: A Case Study; Arup Gogoi, Jatin Gogoi, Satyajit Chakrabarty, Oil India Limited, Duliajan; Ashish Khara , Bidyut B. Baniah, Allied Engineers, New Delhi and Carlos A. Palacios, CIMA-TQ, USA			PPU13 - Application of Accelerated Stress Rupture Testing (ASRT) for direct assessment of creep damage in high pressure boiler Components; D S Rao, S P Singh, S Bhattacharya, Debasis Bhattacharyya, Indian Oil Corp Ltd, Faridabad
3 pm	DAM13 - Case of External Corrosion and HVAC interference risk evaluation using a pipeline software based PIMS and Direct Assessment Sayan Roy, Pushpraj Patel, Indian Oil Corporation Limited, Noida			PPU14 - Influence of Complexing Agents on the Corrosion Behavior of Ti-Grade2 Dissolver Material in Fluorinated Nitric Acid Medium R. Priya, S. Ningshen, Indira Gandhi Centre for Atomic Research, Kalpakkam
	DAM14 - Advancements in Technology Prove Accurate CP & Coating Survey Results for Complex Plant Piping inside Refinery Himanshu Joshi, Avinash Swami, R. Naveen and Shiv Tiwari, Allied Engineers, Delhi			PPU15 - Oleophobic coating technology for pump efficiency enhancement Nilesh Adkar, Henkel Adhesives Technologies India Pvt Ltd, Pune

3:30 to 4 pm

Tea / Coffee (Expo Visit & Networking)

	Hall A	Hall B	Hall C	Hall D
Time	YSF 1 - Young Student Scientist Forum	CPR 2 - Corrosion in Petrochemical and Refineries Industries	COG 2 - Corrosion in Oil and Gas	MCO - Marine Corrosion and Offshore
	Chair: Prof. T. M. Sridhar, Univ. of Madras Vice-chair: Dr. S.C. Vanithakumari, IGCAR	Chair: Dr. C. Kannan, IOCL Vice-chair: B.S. Negi, Ex-IOCL	Chair: Dr. Anil Bharadwaj, Ex-ONGC Vice-chair: Dr. Sukanta Ghosh, Shell Tech.	Chair: Dr. Mohammad Mobin, AMU Vice-chair: Dr R Venkatesan, Ex NIOT
4 pm	YSF11 - Investigation of hot corrosion behaviour of ytterbium oxide doped gadolinium zirconate thermal barrier coating for gas turbines; M. Rajasekaramoorthy 1, A. Karthikeyan1, A. Anderson1, A. M. Kamalan Kirubaharan1,2, S. Anandh Jesuraj1, 1Sathyabama Institute of Science and Technology, Chennai; 2Alexander Dubcek Univ.y of Trencin, Slovakia	CPR21 - A case study on importance of pyrophoric iron sulphide neutralization before opening Crude distillation columns for maintenance K Swarup, B C Mondal, N Kumar and A K Kar, Indian Oil Corporation Limited, Haldia Refinery	COG21 - Study on corrosion characteristics of Aboveground MS ERW API 5L Grade B pipeline in Coastal location in aggressive environments focusing on Indian Oil's Chennai Marketing location D. Rejoe, Aabhas Upadhyaya, Sanjeev Kumar Kharatmol, Indian Oil Corporation Limited	Keynote 6: Critical Aspects of Failures due to Marine Corrosion and its Management Nausha Asrar and Ali Bigath Ali AlSahari, Desalination Technology Research Institute, SWCC, Saudi Arabia
	YSF12 - Elastomeric intumescent coating with storage stability at subzero temperature conditions; Raj Shree, R. Balaji Naik and G. Gunasekaran, Naval Materials Research Laboratory, Thane	CPR22 - Case study of Crude Distillation Unit Overhead Trim Condenser Rajiv Ranjan, Sarang Deshkar and R.B. Hajare, Bharat Petroleum Corporation Limited, Bina	COG22 - Corrosion in Quench Cooling water piping in Delayed Coker Unit Anand K P and Aravind R, BPCL, Kochi Refinery, Kochi	
4:30 pm	YSF13 - Synthesis and characterization of highly durable and anticorrosive coating of Polypyrrole-NiO-rGO nanocomposite for protection of low carbon steel in 3.5 wt% NaCl solution; Farina Ansar and Mohammad Mobin, Aligarh Muslim University, Aligarh	CPR23 - Case study on the Failure of Expansion Joint in the spent catalyst pipe of FCCU unit Ashish Kumar Singh, Indian Oil Corporation Limited, Paradip Refinery, Odisha	COG23 - Corrosion issues in Overhead Exchangers in Crude Unit Anand K P and Anurag Gautam, BPCL, Kochi Refinery, Kochi	MCO11 - Failure Analysis of Bolts of an Annulus Valve: A Case Study Jeetendra Gupta, Suraj Makkar, Srimoyee Khan, IEOT, ONGC, Navi Mumbai
	YSF14 - Theoretical investigation on tribological and corrosion performance by twin wire arc spray system on magnesium alloys L. Govind Sanjeev Kumar*, D. Thirumalaikumarasamy, Annamalai University, Tamilnadu, K. Karthikeyan, Gujarat Institute of Desert Ecology, Gujarat, M. Mathanbabu, M. Ashokkumar, Government College of Engg, Tamilnadu and C. Ramachandran, The State University of New York, USA	CPR24 - Case study on frequent failure of steam generator in a refinery Unit Tapan Kumar Sethi, Laxmi Patley, Ankur Bora, P L Chakraborty, Indian Oil Corporation Limited, Paradip	COG24 - Corrosion in Stripper Feed / Stripper Bottom exchangers & Stripper Overhead Air Fin Coolers in Hydroprocessing plant Dasari Sukumar Reddy, N Rampradesh, Samarendra Das, S P Velavan, CPCL, Chennai	MCO12 - Corrosion of Interstitial Free (IF) steel in a simulated tropical marine atmosphere Amulya Bihari Pattnaik, V.S. Raja and Smrutiranjana Parida, IIT Bombay, Mumbai
	YSF15 - Chemically Functionalized Graphene-Polyaniline Nanocomposites as Functional Fillers to Epoxy Coating for Corrosion Inhibition Performance Enhancement Ramesh N. Goswami1,2* Punita Mourya1, Om P. Khatri1,2 Anjan Ray1,2 1 CSIR-Indian Institute of Petroleum, Dehradun 2 Academy of Scientific and Innovative Research, Ghaziabad			

5 pm	YSF16 - Improved Salt-Water Corrosion of Polypyrrole-based Superhydrophobic Coating on Squeeze-cast Mg-Sr-Y alloy Meeta Ashok Kamde, Yogendra Mahton, and Partha Saha, National Institute of Technology, Rourkela	CPR25 - Failure Analysis of Tube Erosion of Medium Pressure Steam Generator in Fluid Catalytic Cracker Unit, Avik Dey, Naveen Kumar and Arun Kr Kar, , Indian Oil Corporation Limited, Haldia Refinery	COG25 - Microbiological Induced Corrosion failure of newly procured SS316 tubes of HRSG makeup water heater Rooshy K Peter, Bharat Petroleum Corporation Ltd., Kochi	MCO13 - Development of Eco-Friendly Corrosion Inhibitor Coating for Carbon Steel in Marine Environment Anu Verma, Jayanta Bhattacharya, Anusuya Talukdar and Chandra Sekhar Tiwary, IIT Kharagpur, West Bengal
	YSF17 - Experimental and Theoretical investigation of thiazole derivative as corrosion inhibitor on mild steel in 15%HCl solution Raj Kumar Mehta*, Mahendra Yadav, Indian Institute of Technology (ISM), Dhanbad	CPR26 - Hydrogen Generation Unit Reformer Inlet Pigtailes Failure Due To Polythionic Acid Stress Corrosion Cracking Vinay Kumar Prasad, Jasbir Singh, Sumit Bansal, Bharat Petroleum Corporation Ltd., Mumbai	COG26 - Machine Learning to predict CO2 corrosion – An alternative to mechanistic modelling Sriram Sridharan, Shell IDT Chennai and Tom Bos, Shell Technology Centre Bangalore	MCO14 - Riser Splash zone- Challenges and Integrity Management for an ageing field Tazeen Fatma, Ravva, Cairn Oil & Gas, Vedanta Ltd, India
5:30 pm	YSF18 - Synthesis of Schiff Base Organic Compound and its Corrosion Testing Sujata Kumari Gupta*, Mahendra Yadav, Indian Institute of Technology (ISM), Dhanbad	CPR27 - Importance of Heat Treatments and Quality Control in Preventing Failures of UNS S32750 Tubes Rohit Ojha, Jyoti Shankar Jha, Alleima India Pvt Ltd, Pune	COG27 - Modeling spatial distribution of internal corrosion in API 5L pipes carrying gasohol Swaswata Chakraborty, Akshay Singh Yadav, Bharat Petroleum Corporation Limited	MCO15 - Improved Corrosion Resistance In Naval Grade Ah36 Steel Through Eni-P-Nano Tio2 Composite Coating R Anthoni Sagaya Selvan, Dinesh G. Thakur, DIAT (DU), Pune and S. Abirami, CSIR-CECRI, Karaikudi
	YSF19 - Specially Formulated Low Corrosion Fluids for High Temperature and High Pressure Wells in Oil and Gas Exploration Vijayeta Himani, V. S. Raja, Smrutiranjana Parida, IIT Bombay, Mumbai and Suraj Makkar, Anita Sharma, Mausmi Talukdar, IEOT, ONF+GC, Navi Mumbai	CPR28 - Repetitive Failures in HP Condensate Piping ex- Stripper and Debutanizer Re-boilers Muntashir Hayat, Arvinder Singh, Saugata Sahu, Indian Oil Corporation Limited, Gujarat Refinery	COG28 - Corrosion in Refinery tail gas treatment unit Mastram Hathesh, Ashish Kumar Dane and R.B. Hajare, Bharat Petroleum Corporation Limited	MCO16 - Corrosion And Impedance Behavior Of Epoxy Based Nanocomposite Coatings On Mild Steel Rahul Kumar Singh and Shashi Bhushan Arya, National Institute of Technology Karnataka, Surathkal

6 to 7 pm	Expo Visit, Poster presentation & Networking
7 to 8 pm	Corrosion Awareness Award Ceremony
8 to 9 pm	Dinner & Networking

Day 2 - September 21, 2022 (Wednesday); 9 am to 2 pm

Day 2 - September 21, 2022 (Wednesday); 9 am to 2 pm				
	Hall A	Hall B	Hall C	Hall D
Time	CLI 1 - Coatings, Linings and Thermal Insulation	CPR 3 - Corrosion in Petrochemical and Refineries Industries	RCC 1 - Corrosion in RCC Structures	MCI – Microbial Corrosion and Inhibitors
	Chair: Rajes Bardia, Asain Paint PPG Vice-chair: Denzil Dcosta, Graco	Chair: Dr. C. Kannan, IOCL Vice-chair: B.S. Negi, Ex-IOCL	Chair: Prof. Haji Sheikh Mohammed Vice-chair: Mr. Dhruvesh Shah	Chair: Dr. Jaya Rawat, BPCL Vice-chair: Dr. S.B. Arya, NIT Surathkal
9am	Keynote 7: Coating System Performance Analysis & Assurance Partha Sanyal, Jotun India Pvt Ltd	Keynote 8: Importance of Corrosion in process safety management K V Seshadri, EX BPCL	Keynote 9: Way forward for the Prevention & Control of Corrosion in Concrete Structures Radhakrishna G. Pillai, IIT Madras, Chennai	Keynote 10: Progress in Research on Corrosion Inhibitors Mohammad Mobin, Aligarh Muslim University
9:30am	CLI11 - Recent advancement in corrosion under insulation (CUI) coating Abdul Nasir Bukhari, Asian Paints PPG Pvt. Ltd., India	CPR31 - Corrosion of HF Acid Storage Drum – A Case Study Vineet Sharma, Abhishek Dixit, Devanshu Sourabh, Reliance Industries Limited, Mumbai	RCC11 - Holistic Approach to Corrosion induced Repairs in RCC Structures Vijay Kulkarni and Manoj Vasudev, Fosroc Chemical India Pvt Ltd, Bangalore	MCI11 - Corrosion inhibition of mild steel by tetraz2le derivative: Electrochemical and theoretical studies M. Yadav, Vandana Saraswat, IIT (ISM) Dhanbad
	CLI12 - Corrosion under Insulation - Recent Developments & Challenges - Future Aspects Arindam Bhattacharya, Swastika Choudhury, Chinmaya Nayak, Shalimar Paints Ltd., Nashik	CPR32 - Smart Flange: Smart Sensory Material and IOT Solution for Early Leak Detection of Hydrocarbons and Oils Jayesh Shah, Henkel Adhesives Technologies India Pvt. Ltd.	RCC12 - Effect of Surface Applied Corrosion Inhibitor on Two Different Types of Concrete Subjected to Carbonated Environment Kulwinder Kaur, Punjabi university, Patiala and Purnima, Ashish Kumar Tiwari, Shweta Goyal, Thapar Institute of Engg. and Tech., Patiala	MCI12 - Advancements of Volatile Corrosion Inhibitors for Industrial applications Jaya Rawat, BPCL, Noida
10am	CLI13 - Advances in Insulation Coatings David A. Hunter, Hempel (USA), USA	CPR33 - Integrity Assessment and Life Cycle management of Splitter Column in Hydrocracker Unit Amit Kumar Mishra, Praveen R, Mangalore Refinery and Petrochemicals Limited, Mangalore	RCC13 - Case Study on Rehabilitation & Monitoring of Chloride Ingressed Corroded RC Structure Using Sacrificial Cathodic Prevention System 1Arvinth Raj R, 2 Zameel D. V, 3 Aravindh. K 1Hitech Civil Engineering Services (M) Pvt. Ltd., Chennai; 2Radhe Structorepair Pvt. Ltd., Ahmedabad; 3Hitech Concrete Solutions Chennai Pvt. Ltd., Chennai	MCI13 - Development of silane based epoxy hybrid coating on water transporting pipeline materials for enhanced microbiologically influenced corrosion protection performance B. Anandkumara, 2*, G. Sudharsan3, T. Nandakumar1, A. Ravishankara, b, John Philip1, 2; 1 Indira Gandhi Centre for Atomic Research, Kalpakkam ; 2 Homi Bhabha National Institute Kalpakkam, Mumbai ; 3 Vellore Institute of Technology, Vellore
	CLI14 - Risk-Based Coating Inspections Against Potential Corrosion Threats Kumar Kolor Vadivelu, Sadara Chemical Company, Kingdom of Saudi Arabia	CPR34 - Corrosion Prediction Tool for Sulphidic and Naphthenic Acid Corrosion in Crude Distillation Units Rajeev Madaswamy, Shell India Markets Private Limited, Bangalore	RCC14 - Health Study and Corrosion Protection of a Chloride Contaminated Post-Tensioned Reinforced Concrete Car Park Zameel D. V, Radhe Structorepair Private Limited, Ahmedabad and Dhruvesh Shah Vector Corrosion Technologies, Vadodara	MCI14 - Inhibition of corrosion of mild steel pipeline carrying simulated oil well water by an Aqueous Extract of Chrysanthemum indicum flower K Kavitha1,2, H Benita2, S Rajendran3,4 and Abdulhameed Al-Hashem5; 1National College, Tiruchirappalli; 2 Thanthai Periyar Government Arts & Sc. College Tiruchirappalli 3 St Antony's College of Arts & Sc. for Women, Dindigul

10:30am	CLI15 - Learnings from in-service failures of acrylic intumescent coatings in the Middle East Manoj Abraham, Hempel Paints Middle East, United Arab Emirates	CPR35 - Reliability Improvement of Coke Drums in Delayed Coker Unit Deepak Kumar, Yadav Vishal Fulchand, Suresh Kumar J., Mangalore Refinery and Petrochemicals Limited, Mangalore	RCC15 - Inhibition Effect of Two Generic Compounds Combating Corrosion of Rebar in Concrete Pore Solution Employing as Preventive and Repair technique Ashish Kumar Tiwari, Shefali Aggarwal, Purnima and Shweta Goyal, Thapar Institute of Engineering and Technology, Patiala	MCI15 - Mitigation of Corrosion in Oil and Gas Production Facilities by Corrosion Modeling S. Mukadam, M. Dabir, S. Jose and A. Alhashem, Kuwait Institute for Scientific Research, Kuwait
	CLI16 - Next generation hydrocarbon passive fire protection coating Rajes Bardia, Asian Paints PPG Pvt. Ltd., India	CPR36 - Corrosion in Pump Around Piping of Water Removal Tower in Tail Gas Treating Unit Satish Sahu, Sonali Palekar, Ashish Kumar Dane, R.B. Hajare, Bharat Petroleum Corporation Limited, Bina Refinery	RCC16 - Corrosion Behavior of Steel Rebar Embedded in Concrete containing Waste Foundry Sand as Fine Aggregate Ashok M and J. Daniel Ronald Joseph, CSIR-CECRI, Karaikudi	MCI16 - Innovative Approaches for Mitigation and Monitoring of Microbial Induced Corrosion Nazima Habibi, Saif Uddin, Abdul Hameed Al-Hashem, Fadila Al Salameen, Shibu Jose, Anisha Shajan, Nasreem Abdul Razzack and Farhana Zakir, Kuwait Inst. for Scientific Research, Kuwait
11am		CPR37 - Corrosion Management System Implementation in a Petrochemical Plant Zakkee Rosdi, Viswanathan Venkateswaran, PETRONAS Chemicals Methanol Sdn. Bhd., Malaysia		

11:30 to 12 pm	Tea / Coffee (Expo Visit & Networking)
-----------------------	---

12 to 1 pm	<p>PLENARY SESSION – 2 Main Hall; Chair: Mr. K. B. Singh, Chairman, AMPP India Chapter</p> <p>Challenges in the Cathodic Protection of Concrete Structures Liao Haixue, President, Canada Structural Engineers Association, Canada</p>
-------------------	--

1 to 2 pm	Lunch (Expo Visit & Networking)
------------------	--

Day 2 - September 21, 2022 (Wednesday); 2 pm to 9 pm

	Hall-A	Hall-B	Hall-C	Hall-D
Time	CGD - Corrosion Control of City Gas Distribution	TIF-3 (Corrosion Monitoring, Inspection and Testing)	TIF-4 (Corrosion in Concrete Structures)	CCF - Corrosion in Chemical and Fertilizer Industries
	Chair: Pankaj Panchal, CorrTech Vice-chair: Harish Tallum, Gujarat Gas Keynote 11: Corrosion control challenges in City Gas Distribution Dr Narendra Kumar, Torrent Gas, Lucknow			Chair: Dr. D. Parvatulu, ONGC Energy Vice-chair: Urvesh Vala, L&T Chiyade CCF11 - An approach to Control Corrosion in Chemical and Fertilizer Industries Vemuri P Sastry, Asset Integrity & Materials Engineering Services (AIMES)
2pm		Convener: Dr. Anil Bhardwaj, Ex. ONGC Members: S.K. Mazumdar, ONGC Ashish Moyal , MECON Vijay Aggarwal , Pyramid Technical Services Srinivasan Murli , MGL Amish Gandhi, Metal Samples	Chair: Mr. Mridul Goyal Director at Structural Specialities & Projects (India) Pvt. Ltd., Mumbai Panelists: 1) Dr. Shweta Goyal, Professor, Civil Engg., Thapar University, Patiala 2) Mr. Vijay Kulkarni, Segment Head – Grouts & Anchors, Adhesives, Repairs & Protective Coatings, Fosroc, Bangalore 3) Dr. Sivakumar Kandasami, Dy. General Manager, L&T Construction, Chennai 4) Dr. S. Karade, Principal Scientist, Central Building Research Institute, Roorkee	CCF12 - Material suitability study in Fertilizers and Petrochemical industry: Case studies Ketan Amin, Chintan Mulchandani and Hussain Vasadwala, Gujarat Narmada Fertilizers and Chemicals, Bharuch CCF13 - Corrosion of Urea Reactor Liner & Solutions - A Case Study Navneet Joshi and Rakesh Agrawal, Gujarat Narmada Valley Fertilizers & Chemicals Limited, Bharuch CCF14 - A Review on Different Cladding Techniques Employed to Resist Corrosion in Chemical and Fertilizer Industries Vyomesh R Buch, Parul Institute of Technology, Parul University CCF15 - Effects of Welding Parameters and Conditions on the Corrosion Resistance of Weld for the Equipment and Piping Commonly used in Chemical Industries Hemant Patil, BASF Chemicals India Pvt Ltd CCF16 - Corrosion of Specialty Chemical Plants & Solutions, A Case Study Rakesh Agrawal and Rohit Jani, Gujarat Narmada Valley Fertilizers & Chemicals Limited, Bharuch
2:30pm	CGD12 - External Corrosion Direct Assessment in CGD Network - An Overview Shraddha Shivgan, Nirmal Kumar Mishra, Vipul Sawant, Mahanagar Gas Limited, Mumbai CGD13 - Critical Assessment of Corrosion Management Network in CGD Network J N Agrawal, Corrsol Tech, Greater Noida			
3pm	CGD14 - AC Interference Mitigation On MGL Pipeline Network Vipul Sawant, Shraddha Shivgan, Mahanagar Gas Limited, Mumbai CGD15 - Significance Of Hydrocarbon Dew Point Measurement In Natural Gas High Pressure Line & Low-Pressure City Gas Pipe Line Transmission P. Kombaiah, Gail India Limited, Rajahmundry			

3:30 to 4 pm

Tea / Coffee (Expo Visit & Networking)

	Hall A	Hall B	Hall C	Hall D
Time	CLI 2 - Coatings, Linings and Thermal Insulation	CPR 4 - Corrosion in Petrochemical and Refineries Industries	CAP 2 – Cathodic & Anodic Protection	RCC 2 - Corrosion in RCC Structures
	Chair: Rajes Bardia, Asain Paint PPG Vice-chair: Denzil Dcosta, Graco	Chair: Dr. C. Kannan, IOCL Vice-chair: B.S. Negi, Ex-IOCL	Chair: Sandeep Vyas, Reliance	Chair: Prof. Haji Sheikh Mohammed Vice-chair: Mr. Dhruvsh Shah
4pm	CLI21 - Inspection & Quality Control it's Role & Importance on Site [Field Joint Coatings, Pipelines] Alan D'Souza, Shri Narayan Impac India Llp (SNI India LLP), India	CPR41 - Reboiler Exchanger Failure Investigation- SWSU Service Nisheeth Kr Prasad, Ajay Krishnan M, Hindustan Petroleum Green R&D Centre, Bangalore	CAP21 - AC Interference and its mitigation materials with Case Study Shailesh Javia, MATCOR Inc, USA	RCC21 - Corrosion Performance Evaluation of Bare TMT, CRS and Epoxy Coated Steel Rebars Embedded in Concrete Exposed in Coastal Area Environment Dr. J. Daniel Ronald Joseph ¹ , Mr. Gouranga Rout ¹ Mr. Krishna Chetani ² and Mr. Parimal Patel ³ , ¹ Electrotherm (India) Limited, Kutch ² CSIR- CECRI, Karaikudi
	CLI22 - Direct To Metal Coatings Prashant Kumar Jha, Asian Paints PPG Pvt. Ltd., India	CPR42 - Naphthenic Acid Corrosion Under Low Velocity Condensing Conditions in Side Cut Piping Jayson Anil Pinto, Mangalore Refinery and Petrochemicals Limited, Mangalore	CAP22 - The Evolution of Power and Monitoring Systems and the Cost Effective Maintenance of Cathodic Protection Systems Rod Callon, Corrosion Technology Service	RCC22 - Green Corrosion Inhibition of Steel Reinforcement embedded in Concrete using Aqueous extract of Azadirachta Indica A. Rawat ^{1,2} , S. R. Karade ^{1,2} and P. C. Thapliyal ^{1,2} ; ¹ Academy(AcSIR), Ghaziabad ² CSIR-CBRI, Roorkee
4:30pm	CLI23 - Long-term performance assessment of corrosion-proof coating for transmission towers Keiichi Yoshino, Hiromitsu Ijichi, Nobuhiro Kishigaki, Teruhisa Tatsuoka , Tepco Research Institute, Yokohama, Japan And Yuuki Yamato, Takuro Miyajima, Motoyuki Yamazaki, Tomonori Shiraishi, Tepco Power Grid, Inc., Japan	CPR43 - Corrosion of Reboiler Furnace Tubes in a Petroleum Refinery Anil Kumar Teeda, Subir Kumar Mitra, Saugata Sahu, Indian Oil Corporation Limited, Gujarat Refinery, Vadodara	CAP23 - A Case Study- DC Interference due to Foreign Pipeline Crossing and Running Parallel Kamlesh Bera, Reliance Ethane Pipeline Ltd; Mumbai CAP24 - Importance of AC Coupons in assessment of AC Corrosion on Cathodically Protected Pipelines Anshul Jain, Samir Shankar and Vikas Almadi, Dehn India Pvt Ltd, Gurgaon	RCC23 - Relating The Degradation of Bond Due to Rebar Corrosion with the Ultrasonic Pulse Testing Bhanu Prakash Malladi, Hrishikesh Kasi, Prasanna Kumar Behera, Indian Institute of Technology, Tirupati
	CLI24 - Thermal Resistance Coating Specification on protection of mold and segment of steel melting shop during slab casting process Khalid, Tata Pigments Ltd., Jamshedpur	CPR44 - Analysis of 180° Bend Cracking of Super-Heater of CO Boiler in FCCU of an Oil Refinery Anil Gautam, S P Singh and S Bhattacharya, Indian Oil Corporation Limited, Faridabad	CAP25 - Understanding Performance of Reference Electrodes in Measuring Pipe To Soil Potentials Khushboo Sharma, Vartika Uprety, KB Singh & Associates	RCC24 - Field demonstration of the role of slag cement concrete to quadruple the corrosion free service life of marine structures Krishna Praseeda P1, Deepak Kamde ² , Sankar V1 and Radhakrishna G Pillai ² ¹ Kerala Highway Research Institute, Thiruvananthapuram; ² IIT Madras, Chennai
5pm	CLI25 - RTV Silicone Coatings Making Infrastructure Maintenance Easier Matt Saunders	CPR45 - Concrete strength deterioration of RCC stack/chimney primarily due to carbonation and chloride induced corrosion Ravindra Lanjewar, Bharat Petroleum Corporation Ltd., Mumbai	CAP26 - Critical Analysis of Inductive Vs Conductive AC Traction Interference on Pipelines Sachin S Karanth, Anupam Ojha and Kirit Panchal, SARK EPC Projects Pvt. Ltd., Ahmedabad	RCC25 - Protective Measures Adopted For Rcc Foundations In Aggressive Ground Conditions Sampat Raj, Geethanjali Koppolu, VK Panwar and Vikram Gupta Engineers India Limited, New Delhi, India

	CLI26 - Recent development in protective coating finishes Shekhar Tambe, Asian Paints PPG Pvt. Ltd., India	CPR46 - Ydrogen Blistering in Recycle Gas Scrubber Bottom Of Diesel Hydro De-Sulphurisation Unit A Nandy, S Ghosal, A Dey, N Kumar and A K Kar, Indian Oil Corporation Limited, Haldia Refinery	CAP27 - AC Corrosion Control and Mitigation Gopal Garg, Hindustan Petroleum Corporation Limited, Ajmer	RCC26 - Service life-based design of pre-tensioned concrete Dyana Joseline1*, Prasad Selvam S. R. 1, K. R. R. Chandran1, K. Eswara Rao1, and Radhakrishna G. Pillai2; 1 L&T Construction, Chennai 2. IIT Madras, Chennai
5:30pm	CLI27 - Fluoropolymer Coatings to Mitigate Fouling in Heat Exchangers. Rajendra Khanolkar, Chemours India Pvt Ltd. Mumbai India	CPR47 - Rupture of in-service steam superheater line in Lube Oil Base Stock unit Jasbir Singh, Sumit Bansal, Vinay Kumar Prasad, Bharat Petroleum Corporation Limited, Mumbai		RCC27 - Critical Review on the Rehabilitation Technique of Corrosion-Damaged Reinforced Concrete (RC) Beams using Composites Mohan Lal, R. Siva Chidambaram and S.R. Karade, CBRI – Roorkee (AcSIR), Ghaziabad
	CLI28 - Mechanical and Corrosion Behaviour of Epoxy Based Composite Coatings Ananthapadmanabhan S. Sreenivasan, Tapan K. Rout, Tata Steel Limited, Jamshedpur and Smrutiranjana Parida, IIT Bombay, Mumbai	CPR48 - Reliability improvement of Hydrogen reformer tubes (HP Micro Alloy) Arjun P M, Yadav Vishal Fulchand, Suresh Kumar J, Mangalore Refinery and Petrochemicals Limited, Mangalore		

6 to 7 pm	Expo Visit, Poster presentation & Networking
7 to 8 pm	Cultural program
8 to 9 pm	Dinner & Networking

Day 3 - September 22, 2022 (Thursday); 9 am to 2 pm

Day 3 - September 22, 2022 (Thursday); 9 am to 2 pm				
	Hall A	Hall B	Hall C	Hall D
Time	YSF 2 – Young Student Scientist Forum Chair: Prof. T. M. Sridhar, Univ. of Madras Vice-chair: Dr. S.C. Vanithakumari, IGCAR	CLI 3 - Coatings, Linings and Thermal Insulation Chair: Rajes Bardia, Asain Paint PPG Vice-chair: Denzil Dcosta, Graco	DEF - Corrosion in Defense Equipment & Facilities Chair: Dr. Gunasekaran, NMRL Ambernath	MAC 1 - Materials and Composites Chair: Dr. S. Ningshen, IGCAR Vice-chair: Dr. B. Anandkumar, IGCAR
9am	Keynote 12: Role of nanoparticles on the corrosion-resistant properties of the electrodeposited and sol-gel composite coatings Dr. S.T. Aruna, CSIR-NAL	CLI31 - Surface Preparation – Alternative Methods (Dustless Blasting Technology – Vapor Blasting) Denzil Dcosta, Graco India Pvt Ltd., India	Keynote 13: Corrosion Protection of ship hull structures and seawater piping components K. Sridhar, Naval Materials Research Laboratory (NMRL), Thane	Keynote 14: Graphene industrial applications towards Corrosion Control Dr Siva Bohm, Chief Scientific Executive, Ceylon Graphite Co., UK
		CLI32 - Investigation of Dense Al ₂ O ₃ Coating Performance in Molten Zinc Satish Tailor, Ankur Modi, Metallizing Equipment Company Pvt. Ltd., Jodhpur		
9:30am	YSF21 - A study on local surface modification of aluminum during alternating current scanning electrochemical microscopy (ac-SECM) analysis Ankita Pal1*, Nanda Gopala Krishna1,2, A. Ravi Shankar1,2, John Philip1,2 1IGCAR, Kalpakkam 2HBNI, Kalpakkam	CLI33 - Hot-dip zinc-aluminum alloy plating application for metal parts of insulator and transmission towers H. Ijichi, K. Yoshino ,N. Kishigaki,T. Tatsuoka, TEPCO Res. Inst., Yokohama, Japan and K. Ohhashi, Y Tsuchida ,K. Kubota,T. Shiraishi, TEPCO Power Grid, Inc., Japan	DEF11 - Zinc Lactobionate based corrosion inhibitor for protection of ship bilge Akshaya K. Satapathy, Kumar Amit, P. Veeraiyah, Girish Ambre, G. Gunasekaran* Naval Materials Research Laboratory, Thane	MAC11 - Advance Material Selection for Onshore HPHT well tubular, Casing, Packer and Well Head & X-Mass Tree: – A Case study Bipin Kumar, P.K Sagar, M.R.A Ansari, Tarun Malik, Oil and Natural Gas Corp. Ltd, Agartala
	YSF22 - Corrosion Inhibition Behavior of L-Leucine Methyl Ester Hydrochloride on Mild Steel in 5% HCL R. Aslam, M. Mobin, A. Aslam, Aligarh Muslim University, Aligarh	CLI34 - Study of Thermal Spray Coating Characterization and Corrosion with Arc and Flame Spray Process for Oil And Gas Refinery Application Urvesh Vala and Indravadan B. Dave, Government Engg College, Gandhinagar	DEF12 - Novel Foul Release Coatings for Underwater Hull of Naval Ships S S Pawar, R Baloji Naik*, R S Naik, B Balalingam, and T K Mahato, Naval Materials Research Laboratory, Thane and Prasad Despande, Savitribai Phule University, Pune	MAC12 - TRIP-enhanced lean duplex stainless steel with superior corrosion and mechanical properties P. Saravanan, S. Srikanth and Vinod kumar, Steel Authority of India Limited, Ranchi
10am	YSF23 - Biopolymer extracted from the maca root extract evaluated as green and an efficient corrosion inhibitor for mild steel in 1M HCl; Irfan Ahmad, Mohammad Mobin*, Aligarh Muslim University, Aligarh	CLI35 - Underground Pipeline Coatings – Sacrificial Coating For Pipelines Laid By Hdd Methodology Rahul Dabas, Seal For Life India Private Limited	DEF13 - Surface tolerant nanomaterial based coating for bilges of Indian Naval ship G. Dhole*, S. Pawar, S. Banoth, A. Ratnakar, B. Batuka and T.K. Mahato; Naval Materials Research Laboratory, Thane	MAC13 - Study of the Corrosion and Wear Behavior of Ti-15%Mo Laser Cladding on 316L Stainless Steel in Simulated Body Fluid S.T. Vaggea , Shreekrushna Thombrea, K.S.Suranjeb, College of Engg Pune, Pune
	YSF24 - Long-term Viable FA based Bacterial Cells as Sustainable Solution for Corrosion Prevention in RC Structures Kamal Anand1*, Shweta Goyal and M. Sudhakara Reddy, Thapar Institute of Engineering and Technology, Patiala	CLI36 - Development of Omniphobic Coatings for Marine Applications Raghav Kumar Pandey, Naval Construction Wing, Indian Institute of Technology, Delhi	DEF14 - pH sensitive Microcapsules for sustained release of corrosion inhibitors for coating performance enhancement C Suryanarayana & S K Panigrahi, Director General (NS&M) Viskhapatnam and B Baloji Naik & G Gunasekhar, Naval Materials Research Laboratory, Thane	MAC14 - Application & Uses Of Glass Flakes In Anti Corrosion Protective Coatings Sanjeev Mehrotra, Glassflake Limited, United Kingdom

10:30am	YSF25 - Development of Stimuli-Responsive Nanocontainer Based on Halloysite/Chitosan/Pectin for Smart Anti-Corrosion Epoxy Coating Saman Zehra, and Mohammad Mobin, Aligarh Muslim University, Aligarh	CLI37 - Innovative Sustainable coating Solutions for effective corrosion control in aggressive conditions Sachin Joshi, Greenovoc Specialty Coatings Pvt. Ltd., Mumbai	DEF15 - Engineering failure analysis of flywheel ring gear of a marine diesel engine Vivek Srivastava*, Deependra Singh, AG Rao, VP Deshmukh, Naval Materials Research Laboratory, Thane	MAC15 - Failure Analysis of Sucker Rod: A Case Study Suraj Makkar*, Asis Isor, Jeetendra Gupta, Arzoo Saini and Maushumi K Talukdar, IEOT, ONGC, Navi Mumbai
	YSF26 - Investigation of corrosion inhibition actions of Aluminium in hydrochloric acid in presence of Natural Honey as green inhibitor N. I. Prajapati, S. A. Desai, C. B. Patel Computer College & J. N. M. Patel Science College, Surat and Ashutosh R Singh, Karlsruhe Institute of Technology, Germany	CLI38 - Challenges and Future Perspectives of Processing, Microstructure, Properties and Post-Treatment of Thermal Barrier Coatings M.Mathanbabu*, D.T Kumarasamy, P.Thirumal, Government College of Engg, Krishnagiri and Somasurendra Kumar, Gas Turbine Research Establishment, DRDO, Bengaluru	DEF16 - Exploring the effect of varying Cu content in electroless Ni-Cu-P coating for improved salt water corrosion of squeeze-cast Al-Cu-Mg alloy Yogendra Mahton, Meeta Ashok Kamde, and Partha Saha*, National Institute of Technology, Rourkela	MAC16 - Silane based Superhydrophobic Coatings for Enhancing Corrosion Resistance, Self-cleaning and Anti-fouling Property S.C. Vanithakumari,*1,2 S. Sofia1 and John Philip1,2 1 IGCAR, Kalpakkam 2Homi Bhabha National Institute, Kalpakkam.
11am	YSF27 - Exploration of surfactant-based ionic liquid as a highly efficient corrosion inhibitor for mild steel in 1 M HCl Huda and Mohammad Mobin, Aligarh Muslim University, Aligarh			MAC17 - Transportation of Hydrogen Blend through existing Natural Gas (NG) Pipelines- Can we meet ASME B31.12 provisions, Issues, and Solution Dr. S S Gupta, Centre for High Technology, Noida and Deepak Agarwal, Indian Oil Corporation Ltd, Noida
				MAC18 - Composite Pipe Repair System for Corrosion Protection & Strengthening Of Pipelines, Tanks & Vessels Harisha Kumar AP, Henkel Adhesive Technologies India Private Limited. Pune

11:15 to 11:45 pm	Tea / Coffee (Expo Visit & Networking)
11:45 to 12:45 pm	PLENARY SESSION – 3 Main Hall; Chair: Dr. A. K. Tiwari, Vice Chairman-Technical, CORCON 2022 New Generation Steels and Materials with Superior Corrosion Resistance Dr. Debashis Bhattacharjee Vice President, Technology & New Material Business, TATA STEEL Ltd.
2:45 to 1:30 pm	Lunch (Expo Visit & Networking)

Day 3 - September 22, 2022 (Thursday); 1:30 to 3 pm

Day 3 - September 22, 2022 (Thursday); 1:30 to 3 pm				
	Hall-A	Hall-B	Hall-C	Hall-D
Time	NTI - New Trends and Innovations in Corrosion Control	TIF-5 (Delivering Performance through Optimum Coating Specifications)	TIF-6 (Regulations and standards in corrosion)	MAC 2 - Materials and Composites
	Chair: Dr. S Parida, IIT Bombay Vice-chair: Tapan Rout, Tata Steel			Chair: Dr. S. Ningshen, IGCAR Vice-chair: Dr. B. Anandkumar, IGCAR
1:30pm	NTI11 - The Correlation Between Corrosion and the Future of Medical Healthy Implants Shamoon College of Engineering, Israel, AMPP	Convener : Deniz Dcosta, Graco Panel Members	Convener : Dr. B Duari, Lalita Infraprojects Pvt Ltd. Panel Members Sanjiv Maini, BIS Surajit Ghosal, EIL S C Gupta, PNGRB Dr. S L Kataria, ICS Certification Services Pvt S S Gupta, CHT	MAC21 - Failure Analysis of Service Water Pipeline: A Case Study Arzoo Saini*, Jeetendra Gupta, Anita Sharma, IEOT, ONGC, Navi Mumbai
	NTI12 - Assessment of Internal Corrosion Monitoring System of Large Pipeline Network using Graph Database; Anil Meghani, Deepak Agarwal, Santosh Kumar, Sayan Roy, Indian Oil Corp. Ltd, Noida			MAC22 - The Effect of Hydrogen Blending in Natural Gas Pipeline—Challenges, Material Suitability and its Qualification P.Vijaya Chitti, Dr.Arijit Roy, Engineers India Limited, New Delhi
2pm	NTI13 - Corrosion Mitigation & Steps taken for increasing life cycle cost of Railway Wagons Rajeev Gupta, Nipun, Sudipta Banerjee, Texmaco Rail & Engineering Limited			MAC23 - Corrosion behaviour of SS304L and SS316L Stainless steel in KOH Environment Pratik Bhangar*, MIT Academy of Engg, Pune and Bharat Padekar, Sandeep N Bhosale, Rajkumar Singh, Bharat Forge Ltd, Pune
	NTI14 - Development of Machine Learning Based Model for Analysis and Prediction of Cathodic Protection Levels on Pipelines Pushp Raj Patel, Deepak Agarwal and Sunil Somnath Khode, Indian Oil Corporation Limited, Noida			MAC24 - Influence of dilution and addition of soda water on the corrosion resistance of orthodontic wires immersed in artificial saliva in presence of Copper Barrel, a hard drink S Hebciba Mary, S Anu, T Vidhya , A Jerleen, N. Anitha, Caslov , R Srinivasan, Abdulhameed and S Rajendran, St Antony's College of Arts and Sciences for Women, Tamilnadu
2:30pm	NTI15 - Corrosion resistance behavior of silane coupling agents on GA, GI, CRCA steel substrates; Sukanta Badaik, NIT-Tata Steel Ltd, Jamshedpur, Rumila Mukherjee, Balram Ambede & Tapan Kumar Rout, NIT, Jamshedpur and Suryakanta Nayak, Tata Steel Ltd, Jamshedpur			MAC25 - Assessing microstructure and corrosion behaviour of Ca added squeeze-cast AZ91 alloy reinforced with graphene nanoplatelets; Sourav Ganguly, CSIR-IMMT, Bhubaneswar and D. K. Sharma, NIT Raipur
	NTI16 - An Integrated approach to Piping Integrity and Corrosion Management Yogesh Kumar, IOCL, Panipat Refinery and Ashish Kumar Singh, IOCL, Paradip Refinery			MAC26 - Corrosion assessment for Aerogel Insulation systems tested according to NACE TG516 procedure Jarema Chmielarski, Armacell, Poland

3 to 3:30 pm

Valedictory Function