

CORCON 2025 – A landmark event in the international corrosion conference arena at Jaipur

CORCON over the last 31 years as emerged as the Asia's largest and most prestigious conference on the subject of corrosion science and engineering. This time was being held at Jaipur, the pink city, that boasts of a large number of industries and infrastructure. The inauguration function was held in the morning of October 6th, 2025 at the sprawling venue of Novotel – JECC, Jaipur, Rajasthan, India. The inauguration was done by Mr. Juan Cabilaro in the presence of the conference chair Mr. K B Singh and Ms. Kimberly Joy Harris vice-chair AMPP Global, India Chapter leaders and other leaders of the corrosion fraternity. There were 800 delegates present at the inauguration.

Mr. Dipen Jhaveri Chairman AMPP India Chapter in his welcome speech emphasised “Our nation is building infrastructure at an unprecedented pace! India plans to spend nearly Rs 143,000 crore on infrastructure between the years 2024 and 2030. The Union Budget of 2025-26 alone has marked a record Rs 11.21 crore, which is around 3.1% of our GDP. This is towards capital investment in infrastructure alone. Over the last decade, capital expenditure on infrastructure has grown five-fold, and by 2050, India will require around US\$2.4 trillion in urban infrastructure investments. “CORCON brings together the best minds and organizations to address these challenges. This event brings together experts and innovators to address problem that impacts the industry worldwide. Corrosion is often called as silent destructor affecting infrastructure and even the safety of personal. Corrosion mitigation is not only about saving materials, but also conserving resources and ensuring a better future for everyone”.



Dipen Jhaveri



Exhibition inauguration

“CORCON has grown over the last three decades into Asia's largest corrosion conference, serving as a global platform for enhancing knowledge and best practices, showcasing innovations and technologies, building collaborations across industries, academia, and research, and also inspiring the next generation of corrosion professionals”. said Mr Jhaveri.

“As the country evolves, one thing which will also evolve with the country is corrosion,” said Mr. K. B. Singh, Chairman – CORCON 2025. “If we look into the vision of what our Prime Minister has on Atmanirbhar Bharat, we will become the third largest economy in a few years from now. So, the cost of corrosion will also increase. What does that mean? It basically implies that we have to get into new technologies, trained man-power to arrest and reduce the cost of corrosion.



K. B. Singh

Technologies will emerge, digital technology will emerge, and artificial intelligence is also emerging. So, what does that bring to all of you? It brings a huge amount of responsibility as well as a huge amount of opportunity for all of you to grow. India, as we read, is one of the youngest nations in terms of human population. Young engineers and scientists can use this platform to exchange ideas and foster innovations.”

Mr Juan Caballero, Chair, AMPP Board of Director, who was the chief guest at the event in his inaugural speech said, “I am very proud to



Lighting of the lamp of knowledge

recognise the vital role the regional chapters play in advancing solutions at the local level while shaping progress on the global scale. I look forward to seeing India as a leading example on uniting the world to fight and mitigate corrosion."

Ms Kimberly-Joy Harris, Vice Chair, AMPP Board of Directors, noted: "This is a great opportunity to network, to



Kimberly-Joy Harris

meet people, and learn new ideas. There's an honest amount of exhibitors here. I love my exhibitors because they provide the resources and the technologies that are needed for me as an owner-operator to ensure that our assets are always safe to operate."

The 3 days event that was held from October 6th to 8th, 2025, had 4 Plenary sessions, 10 Keynote sessions; 6 technical interactive forums; 15 symposia with more than 175 papers presented over 4 parallel sessions, besides technical workshops, round table conferences and 18 poster presentations.

This year, there were 15 symposia spread across 24 sessions, including the Young Scientist Forum. The symposia on Cathodic & Anodic Protection, Coatings, Linings, and Thermal Insulation, Corrosion in Petrochemical, Refinery, and Fertilizer Industries, Corrosion in the Oil and Gas Sector, Corrosion Control in Water Treatment Utilities, Microbial Corrosion & Inhibitors, Materials and Composites, Corrosion in Concrete and Infrastructure, Corrosion Monitoring and Testing, Corrosion in Renewable Energy, Nuclear & Power Utilities, Marine Corrosion, and Direct Assessment Methodology Application continued to attract a large number of technical papers.

In addition, six Technical Interactive Forums and two Workshops were organized on contemporary corrosion issues such as Cathodic Protection – AC/DC Interference Mitigation, Water Treatment, Corrosion in Petrochemical Plants and Refineries, Pipeline Integrity Management Systems, Corrosion Monitoring and Integrity Management, and Corrosion Control of City Gas Distribution Networks.

The Workshop on Marine Corrosion and the Symposium on



Release of CORCON Souvenir



Juan Caballero

Corrosion in the Defence Sector, along with the Jung Se Jang Lecture and the Round Table Conference on the Protective Coatings and Lining Industry, were also well attended.

As is the practice at every CORCON event, this year too Corrosion Awareness Awards were presented to honour and respect individuals/institutions for their contribution to corrosion awareness and development in the field of corrosion science and technology in India.

At a glittering ceremony. The AMPP India Chapter's Corrosion Awareness Awards were presented to honour and respect individuals and institutions for their contribution to corrosion awareness and development in the field of corrosion science and technology in India. Ever since the recognition was instituted in 1995, around 157 scientists/ teachers/ engineers/ professionals, 58 students, Innovation and 29 public/ private sector laboratories have been conferred various awards.



Dr. Premchand Bairwa

Dr. Premchand Bairwa, Deputy Chief Minister Government of Rajasthan, was the chief guest at the AMPP India Chapter's Corrosion Awareness Awards in the evening.



Corrosion Awareness Award Winners

This year, the award winners were:-

- 1 Excellence in Corrosion Science & Technology in Research & Education - **Dr Geogy J Abraham**, *Bhabha Atomic Research Centre, Trombay*
- 2 Excellence in Corrosion Science & Technology in Industrial Organisation - **Satendra Kumar**, *Welspun Corp Ltd, Anjar*
- 3 Distinction in Corrosion Science & Technology in Research & Education - **Dr. C Arunchandran**, *CSIR-CECRI, Karaikudi*
- 4 Distinction in Corrosion Science & Technology in Industrial Organisation - **Mr. M Ajay Krishnan**, *Shell Technology Centre, Bengaluru*
- 5 Excellent Laboratory Indian Oil Corporation Ltd , Faridabad
- 6 Student Award for PhD Degree- **Dr. Gopinath Shit**, *IGCAR, Kalpakkam*
- 7 Lifetime Achievement Award - **Dr. R.K. Malhotra**

Technical Conference, Defence Workshop, Jung Se Jung



Staff - AMPP India Chapter

This year, the 31st edition of CORCON-2025 hosted over 800-plus delegates, 80-plus exhibitors and a remarkable lineup of eminent speakers from around India and the world. The expo area boasted 80 stalls, with leading names in the industry from across the country, and all over the globe exhibiting their latest innovations, products and processes. Awards were also given to the best designed stalls. Vee Kay Vikram & Co. Ltd was awarded the best stall in the 9 SqM category, whereas Henkel



Round Table Conference - Protective Coating & Industry - CORCON

Adhesives Technologies India Pvt Ltd was the winner in the 12 SqM Category. The Runner up were Alleima India Pvt Ltd and Dehn India Pvt Ltd respectively. This year viewer's choice for the best stall was the given to Electrotherm India Pvt Ltd. Besides these, awards were also given to 14 paper and 3 poster presentation at the valedictory function.

- 1 Cathodic & Anodic Protection - Case Study on AC Interference Study through Computer Modelling : Priti Pallavi, G Venkateshwar Reddy, Pipeline Infrastructure Ltd, Mumbai
- 2 Coatings Linings and Thermal Insulation - Development of novel secondary passivation coating on Zn-Al-Mg : Kuntal Sarkar, Rumila Mukherjee, Apurba Maity, and Tapan Kumar Rout, Tata Steel Ltd., Jamshedpur
- 3 Materials and Composites - 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
- 4 Corrosion Monitoring and Testing - Assessment of DC PSP of pipeline in high AC Interference Zones: A case study : Abhinay Swarup, Upendra Kumar, Ashutosh Sahoo, Indian Oil Corporation Ltd, Sambalpur
- 5 Corrosion in Renewable Energy, Nuclear & Power Utilities - High Temperature Steam Oxidation of Cr-coated Zircalloy-4 for Accident Tolerant Fuel (ATF) Cladding Applications: Satish C. Mishra, V. S. V. Anantha Krishna, V. Singh, S. Roychowdhury and S. K. Ghosh *, Bhabha Atomic Research Centre, Trombay, Mumbai
- 6 Corrosion in Renewable Energy, Nuclear & Power Utilities - 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

- 7 Microbial Corrosion & Inhibitors - Application of Nanostructured Biocidal Coating to Protect Anti-microbial Corrosion in Waterjet Propulsion and Bilge systems of Coastal Patrol vessels: Commandant (JG) Amol kumar Musale, Indian Coast Guard, New Delhi
- 8 Marine Corrosion - Layout and Fabrication Challenges with Cladded and Lined Pipes : Kumar Gurumallappa, Hemanth Kumar Alagarsamy, Mohanraj Ramamoorthy and Srinivas Sridhar, Kellogg Brown & Root Engineering and Construction India Pvt. Ltd., Chennai
- 9 Corrosion Control in Water Treatment Utilities - Corrosion in Water Systems : Vemuri P Sastry, Asset Integrity and Materials Engineering Services
- 10 Direct Assessment Methodology Application - 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 Ltd, Duliajan and Bidyut Baniah, Raj Shekhar Pandey, Rahul Jangra, Allied Engineers, New Delhi
- 11 Corrosion in Oil and Gas Sector - 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
- 12 Corrosion in Concrete and Infrastructure - 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 Ltd, Mumbai
- 13 Corrosion in Petrochemical, Refineries and Fertilizer Industry - 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 Ltd, Mathura Refinery
- 14 Young Students & Scientist Forum I n d o l e - 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

The following posters were awarded:

- 1 Winner :- Effect of Texture, Grain Boundary Constitution,



View of the audience

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

- 2 1 Runner up _ 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
- 3 2 Runner up :- 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

The valedictory function was graced by the foreign dignitaries who glorified the experience of this CORCON and wished the India Chapter to grow from strength to strength. The meeting was concluded with the vote of thanks by Mr. Denzil D'Costa. Treasurer of AMPP India Chapter. He thanked the event manager, master of ceremony and the hotel management for the sumptuous meals and the facilities provided in making our stay comfortable. He also commended the tireless work done by the staff Mr. Manoj Mishra, Mr. Rishikesh Mishra, Ms. Anita D'Souza, Ms. Ankita Rane, Ms. Manisha Rewale for the huge success of CORCON. ■