



ICORR INDIA BRANCH

Tuesday 11th November 2025
Start Time: 3:00 PM (Indian Standard Time)(GMT +5:30)

Online Presentation Only

Registration link:

https://us06web.zoom.us/webinar/register/WN_vvDLqjMCSPaFgu7brxn3Sw

Event is Free of Charge to Attend, Prior Registration is Required.

Impressed Current Cathodic Protection of Steel in Reinforced Concrete

Speaker: Dr Arpit Goyal

General Manager (Cathodic Protection Group) at Structural Specialist & Projects (India) Pvt. Ltd.

Approximate Event Programme

15:00 – 15:10 (IST)	Webinar Login / Set-Up
15:10 – 15:15 (IST)	Introductions ICorr
15:15 – 16:00 (IST)	Technical Presentation
16:00 – 16:10 (IST)	Q&A Session
16:10 – 16:15 (IST)	Closing Remarks

The Talk: Impressed Current Cathodic Protection of Steel in Reinforced Concrete

Synopsis: Corrosion of reinforcement remains one of the foremost challenges affecting the durability and safety of concrete structures. Among the available rehabilitation methods, Impressed Current Cathodic Protection (ICCP) stands out as the only proven electrochemical technique capable of completely arresting corrosion, even in chloride-contaminated concrete. Despite its global acceptance, ICCP remains a relatively unexplored area in India, largely due to limited awareness and technical expertise. This talk explores the principles, design considerations, and performance assessment of ICCP systems, while also introducing a newly developed and patented Concrete Conductive Anode Paint (CAP)—a sustainable and efficient solution for long-term corrosion protection of reinforced concrete structure.

Presenter

Dr Arpit Goyal

Dr. Arpit Goyal is a corrosion and concrete durability specialist with extensive experience in research, academia, and industry. He holds a Ph.D. and Post-doctorate from Coventry University, UK, where he developed a patented Concrete Conductive Anode Paint (CAP) system for Impressed Current Cathodic Protection of reinforced concrete structures. He currently serves as General Manager (Cathodic Protection Group) at Structural Specialist & Projects (India) Pvt. Ltd. and is the Chair of the Institute of Corrosion – India Branch. Dr. Goyal has authored more than 25 peer-reviewed journal papers, several book chapters, and over 15 international conference papers in reputed forums. His research interests span corrosion mitigation of reinforced concrete, sustainable and smart cementitious materials, and innovative electrochemical rehabilitation systems for infrastructure durability.



Additional Information: For Continuing Professional Development (CPD) or to join our Mailing List, Request by Email to: INDIAchair@icorr.org