

3rd short term course on Corrosion and its Control & Characterization

Programme Schedule

Date	Time	Event
13 th Dec' 21 Archana Mallik	9.30 am – 10.00 am	Inaugural Ceremony Link: https://bit.ly/STC_Inauguration
	10.00 am – 12.30 pm	Introduction to corrosion and its control, Thermodynamics of corrosion, Pourbaix diagram and their construction, Concept of Passivation, point defect models etc. Link: https://bit.ly/STC_Day1_S1
	12.30 – 2.30 pm	Lunch Break
	2.30 – 4.30 pm	Exercise, practical session, Software practice on corrosion fundamental and construction of Pourbaix diagrams Link: https://bit.ly/STC_Day1_S2
14 th Dec' 21 Srikant Gollapudi And Adhidesh Kumawat	10.00 am – 12.30 pm	An overview of kinetics of corrosion: Fundamentals and practical applications Link: https://bit.ly/STC_Day2_S1
	12.45 – 2.30 pm	Lunch Break
	2.30 – 4.30 pm	How do metals corrode: Mechanism and recognition of corrosion in industries. Control techniques of corrosion in oil, gas and chemical industries Link: https://bit.ly/STC_Day2_S2
15 th Dec' 21 Archana Mallik and Manas Paliwal	10.00 am – 12.30 pm	Corrosion analysis: Tafel polarization, LPR, Software practices for rate measurements. Laboratory experiments Link: https://bit.ly/STC_Day3_S1
	12.45 – 2.30 pm	Lunch Break
	2.30 – 4.30 pm	Case studies, Corrosion prediction by Factsage Link: https://bit.ly/STC_Day3_S2
16 th Dec' 21 Prasad Bhatt, Aashish Aravind Merlin Arnold and Archana Mallik	10.00 am – 12.45 pm	Electrochemical AC corrosion characterization techniques: EIS, VASP, CASP Link: https://bit.ly/STC_Day4_S1
	12.45 – 2.30 pm	Lunch Break
	2.30 – 4.30 pm	Laboratory experimentation and software practice Link: https://bit.ly/STC_Day4_S2

[13 - 17 Dec' 2021] [Jointly organized by Dept. of Metallurgical and Materials Engg. and Chemical Engg., NIT Rourkela]

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17 th Dec' 21 Archana Mallik and Adhidesh Kumawat	10.00 – 11.00 am	Corrosion control techniques; Materials selection and design Link: https://bit.ly/STC_Day5_S1
	11.00 – 11.15 am	Tea Break
	11.15 am – 12.15 pm	Test – I Link: https://bit.ly/STC_Exam
	12.45 – 1.15 pm	Valedictory Function Link: https://bit.ly/STC_Valedictory