

Two – Day National Workshop on

EVALUATION AND PREVENTION OF CORROSION AND FAILURES (EPCF-2012)

Organised by SEST, UNIVERSITY OF HYDERABAD (UoH), HYDERABAD & TR Anantharaman Education and Research Foundation, Hyderabad

November 29 & 30, 2012

Day – 1

November 29, 2012 (Thursday)

09:00 Registration

09:30 – 10:15 Inaugural Session

09:30	Welcome	Prof. M Sundararaman, UoH
09:40	EPCF-2012	Prof. K Bhanu Sankara Rao, UoH
09:50	Address	By Guest of Honour
10:00	Address & Release of Proceedings	By Chief Guest
10:15	Vote of Thanks	Dr. N Eswara Prasad, CEMILAC

10:20 – 11:00 Workshop Photo & High Tea

11:00 – 13:30 Technical Session – 1: FUNDAMENTALS OF CORROSION Chair: Dr. G Sundararajan, ARCI

11:00 – 12:00	Forms of Corrosion & Control	Professor VS Raja, IIT-Bombay
12:00 – 12:30	Damage Tolerance Based Corrosion Resistance & Design	Dr. Vikas Kumar, DMRL
12:30 – 13:30	Corrosion Testing, Evaluation and Monitoring	Professor VS Raja, IIT-Bombay
13:30 – 14:30	Lunch	

14:30 – 17:00 Technical Session – 2: CORROSION RESISTANT MATERIALS Chair – Professor K Bhanu Sankara Rao, SEST, UoH

14:30 – 15:30	Materials Selection for Corrosion Resistance	Professor VS Raja, IIT-Bombay
15:30 – 16:15	Protective Coatings	Dr. Dharendra Kumar, NMRL
16:15 – 17:00	Corrosion Failures and Prevention in Missile Components & Systems	Dr. AR Karandikar, DRDL

Day – 2

November 30, 2012 (Friday)

09:30 – 13:30 Technical Session – 3: CORROSION IN AGGRESSIVE ENVIRONMENTS Chair: Dr. G Malakondaiah, DMRL

09:30 – 10:30	High Temperature Corrosion & Prevention	Dr. I Gurrappa, DMRL
10:30 – 11:15	Corrosion & Prevention in Thermal Power Plant Components	Dr. Kulvir Singh, BHEL R&D
11:15 – 11:45	Tea	
11:45 – 13:00	Cathodic Protection	RP Nagar, AFCON
13:00 – 13:30	Cathodic Protection of Naval Steels	Dr. I Gurrappa, DMRL
13:30 – 14:30	Lunch	

14:30 – 16:00 Technical Session – 4: CASE STUDIES Chair: Dr. A Venugopal Reddy, ARCI

14:30 – 15:00	Corrosion Failures in Chemical Industries	Professor VS Raja, IIT-Bombay
15:00 – 15:30	Corrosion Failures in Aero Components	Shri SS Kale, CEMILAC
15:30 – 16:30	Corrosion Failures in Process Industry	Dr. K Elaya Perumal

16:30 – 17:00 Tea

17:00 Certificate Distribution

17:15 Departures