

## **A Brief Report on the Two – Day National Workshop on EVALUATION AND PREVENTION OF CORROSION AND FAILURES (EPCF-2012)**

TR Anantharaman Education and Research Foundation (TRA-ERF) and School of Engineering Sciences and Technology, University of Hyderabad (UoH), Hyderabad organized a two-day workshop on Evaluation and Prevention of Corrosion and Failures (EPCF-2012) on November 29<sup>th</sup> and 30<sup>th</sup>, 2012 at UoH, Hyderabad with active participation of engineers from Industry (BHEL, Midhani, HAL, NFC, DGAQA, Manjeera Machines and Deccan Smith, VERSABYTE etc.), scientists from defence and other laboratories (ARCI, CEMILAC, DMRL, DRDL, ASL, BHEL R&D, etc.) and young faculty members and research scholars from various academic institutions (SEST, UoH; MGIT; VNR-VJET; RGUKT; GITAM UNV. Etc). Apart from these participants, 20 meritorious students of various engineering colleges of AP state have been provided with free participation.

Renowned academician, Professor Ramakrishna Ramaswamy, Vice-Chancellor, UoH had delivered the keynote address and fondly traced the contributions of Professor TR Ananatharaman and his BHU colleagues of Science Faculty in the formation of University of Hyderabad and also, the services rendered by Professor P Rama Rao (presently the President, TRA-ERF) in the past as Vice-chancellor of UoH. Professor VV Kutumbarao, Secretary,

TRA-ERF had briefed the charter of the foundation and recapitulated the omen services rendered by Professor TRA to the fields of Metallurgy and Materials Science, after the welcome address by Professor M Sundararaman, Dean, SEST, UoH and brief introduction to EPCF-2012 by Dr. N Eswara Prasad, Regional Director, RCMA (Materials), CEMILAC, DRDO. All



the speakers have emphasized the need for renewed interest in CORROSION SCIENCES and extensive initiatives that need to be undertaken on par with global efforts in case of (i) CORROSION PREVENTION, (ii) SPECIAL PAINTS AND COATINGS, and (iii) HOT CORROSION, INCLUDING THE APPLICATION AREA OF SUPERCRITICAL THERMAL POWER PLANTS.



Leading corrosion experts and failure analysts have delivered nearly 15 technical lectures in 4 structured technical sessions on Fundamentals of Corrosion, Corrosion in Aggressive Environments, Corrosion Resistant Materials and Technologies and finally, the Evaluation and Prevention of Corrosion Failures. The faculty of the workshop comprised of Professor VS Raja of IIT-Bombay, Dr. SK Singh of NMRL, Ambernath, Dr. G Jayaraman of BHEL R&D, Hyderabad, Dr. I Gurrappa of DMRL, Hyderabad, Dr. (Mrs.) Indumathi Vijey of DRDL, Hyderabad, Shri N Chittibabu of



DMRL, Hyderabad, Dr. E Perumal (Corrosion Consultant, Mumbai) and Shri SS Kale of RCMA (Foundry & Forge), CEMILAC, Bangalore. The participants have taken keen interest in the proceedings of the workshop and expressed in their feedback that the workshop was extremely useful as it covered all the aspects of corrosion, right from fundamentals to the science & technology, development, applications and failure analyses.



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The technical programme and the logistics were ably provided by the team led by Professor K Bhanu Sankara Rao with active participation of Dr. N Eswara Prasad, Shri B Jana and Shri B Saha of RCMA (Materials), CEMILAC, Hyderabad and Professors Koteswara Rao V Rajulapati and VVSS Srikanth of SEST, UoH.