

**Technical Programme for Workshop on
Condition Management in Process Industries
Hotel Taj Connemara, Chennai – 600002
Dec. 02-04, 2002**

02 December 2002 (Monday)		
08:15 – 08:45 Registration		
09:00 – 10:00 Inaugural Session		
10:00 – 10:30 Tea		
10:30 - 11:45	Shri. B.K.Shah, Atomic Fuels Division, BARC, Bombay.	Significance Of Flaws In Performance Of Engineering Components
11:45 – 13:00	Shri R.J.Padikar, Manager, NDT Lab, BHEL, Trichy	Application of Penetrant, magnetic particle and ultrasonic Methods for Condition Management
13:00 – 14:00 Lunch		
14:00 – 15:15	Shri.P.Psubramaniam, Scannray Metallurgical, Chennai	Visual Testing for Condition Management
15:15 – 16:15	Prof. S.Narayanan, Head, Dept. Of Applied Mechanics, IIT, Chennai.	Fundamentals of Vibration
16:15 – 16:30 Tea		
16:30 - 17:30	Shri. M.G. Poduval, Managing Director, Vibration Engineers & Consultants (P) Ltd., Chennai.	Condition monitoring of Equipments by Vibration analysis
03 December 2002 (Tuesday)		
09:00 – 10:15	Dr. U. Netzelmann, Fraunhofer-Institute for Nondestructive Testing University, Saarbruecken, Germany	Thermal Imaging Techniques
10:15 – 10:45 Tea		
10:45 – 12:00	Shri B.Venkatraman DPEND, Indira Gandhi Centre for Atomic Research, Kalpakkam	Infrared Imaging for Condition management in Process Industries
12:00 – 13:15	G. Venkataraman, Consultant, RLA and Life Extension Services Thermax Babcock & Wilcox Ltd, Pune	In-situ Metallography & its applications
13:15 – 14:15 Lunch		

14:15 - 15:15	Dr. Baldev Raj Distinguished Scientist and Director, Materials, Chemical and Reprocessing Groups Indira Gandhi Centre for Atomic Research Kalpakkam – 603102 India	Non-Destructive Evaluation Techniques for Condition Monitoring Applications
15:15 – 16:15	Demonstration	In-situ Metallography
16:15 – 16:30 		