



Program Schedule

**TWO DAYS TRAINING AND AWARENESS PROGRAM
ON
RESTRICTION OF HAZARDOUS SUBSTANCES (RoHS)
(6 & 7, January 2020)**

Program Schedule		
Venue: RoHS Testing Laboratory, C-MET, Hyderabad		
Day 1: January 06, 2020		
Time (Hrs)	Inaugural Session	Speaker
10:00-10:05	Welcome of the Chief Guest	
10.05-10.10	Bouquet presentation to the Chief Guest	
10.10 – 10.20	Welcome address by the Chief Guest	
10.20 -10.30	Keynote Address	Dr. R. Ratheesh, Director, C-MET, Hyderabad
10.30 – 10.45	Visit to RoHS Laboratory	
10.45 – 11.00	High Tea Break	
11.00 – 1.30	Plenary Talks	
11.00 – 12.00	Approved testing procedures as per IEC 62321 and e-waste (Management) Rules - 2016	Dr. N. R. Munirathnam Director General C-MET, Pune
12:00 – 13:15	Toxicity of Hazardous Substances, Disassembling of Electronics Electrical Equipment products, Methods for the mercury analysis in compact fluorescence lamps (CFLs)	Dr. U. Rambabu Quality Manager C-MET, Hyderabad
13.15-14:00	Lunch Break	
14:00 – 15:00	E-waste management & Recycling Technologies	Dr. R. Rajesh Kumar Project Manager, E-waste Recycling Group C-MET, Hyderabad
15:00-15:30	Tea Break	
15:30 – 16:30	Sampling of Printed Circuit Boards (PCB) using High energy cutting, milling and pellet press; Demo on non-destructive analysis using EDXRF spectrometer	Dr. U. Rambabu
16:30 – 17:00	Documentary presentation on RoHS	Video display

Day 2: January 07, 2020**Venue: RoHS Testing Laboratory, C-MET, Hyderabad**

Time (Hrs)	Topics	Speaker
10:00 – 11:00	MoEF & CC, Govt. of India, E-waste (Management) Rules- 2016, RoHS Regulation, Indian scenario	Dr. Sandip Chatterjee Director Min. of Electronics & IT (MeitY), Govt. of India, New Delhi
11:00 – 11:30	High Tea Break	
11:30 – 12:30	Quality and Technical requirements for the laboratories planning for NABL accreditation	Mr. Bukya Mahender Deputy Quality Manager C-MET, Hyderabad
12:30 – 1:30	Brominated Flame Retardants (BFRs), extraction methodologies and analysis by Gas Chromatography Mass Spectrometer (GC-MS) – Instrument demonstration	Mr. K. Ramaswamy Deputy Technical Manager C-MET, Hyderabad
1:30 – 2:15	Lunch Break	
2:15 – 3:30	Sample dissolution of plastic and ceramic samples using the state of the art Microwave dissolution System (MDS) and elemental analysis using ICP-OES, ICP-MS – Instrument demonstration.	Mr. R. Govindaiah Technical Manager C-MET, Hyderabad
3:30 – 3.45	Tea Break	
3:45 – 4.45	Methods for the extraction of hexavalent chromium using both UV-Vis spectrometer and Ion Chromatography (IC) – Instrument demonstration.	Mr. B. Mahender Deputy Quality Manager C-MET, Hyderabad
4.45 – 5.30	Valedictory function; Certificates distribution followed by Vote of thanks	Dr. U. Rambabu