

**Program Schedule with Speakers**  
**Title of the Workshop: “Material Testing”**



SLNO	DAY	TIME	TOPIC & SPEAKER	Remarks	
01	DAY-1 FRIDAY 23.08.2019	8.45 to 9:30 am	<b>Registration</b>		
02		9:30 to 10:30 am	Inaugural Function. Chief Guest- Mr.K. Devaraj Director MSME Bangalore. About ASM by Mr. Rahul Vice Chairman Bangalore Chapter and Introduction to Materials Testing by Mr. Babu Sathyan Past Chairman ASM (I) BC		
03		10:30 to 11:30 am	Mechanical Testing (Tensile Testing: Young’s Modulus, Yield strength, toughness)	Dr. R R Bhat Additional GM HAL	
		11:30 to 11:45 am	Tea Break		
04		11.45 to 12:15 pm	Bend/Flattening Tests and Other Topics	Dr. R R Bhat Additional GM HAL	
05		12:15 to 12:45 pm	Hardness Testing and Impact Testing	Dr. R R Bhat Additional GM HAL	
06		12:45 to 01:30 pm	Chemical Analysis	Dr. Ashok from ADA	
07		01:30 to 2:15 pm	Lunch Break		
08		02:15 to 3.45 pm	NDT (LPI,MPI, Ultrasonic)	Mr. Vishnupant Misale – ISRO and demonstrations by M/s Pallakki NDT Excellence Center	
09		03:45 to 4:00 pm	Tea /Coffee		
10	04:00 to 5:30 pm	NDT (Radiography, Eddy Current & Advanced Techniques)			
<b>END OF DAY-1 SESSIONS</b>					

SLNO	DAY	TIME	TOPIC & SPEAKER	Remarks	
01	DAY-2 SATURDAY 24.08.2019	9:15 TO 09:45 am	Portable Spectrometer	Mr. S.S. Avadhani from CMTI	
02		09:45 to 10:15 am	Emission Spectrometer		
03		10:15 to 10:45 am	X Ray Fluorescence		
04		10:45 to 11:15 am	ICP-AES (Inductively coupled and Atomic Emission Spectrometry)		
05		11:15 to 11:30 am	Tea Break		
06		11:30 to 12:00 pm	Infrared Spectrometer	Mr. Ajit Kumar Sandur Consultant with TVS	
07		12:00 to 12:30 pm	Advanced Analytical Methods		
08		12:30 to 01:00 pm	Fatigue and Creep Testing		
09		01:30 to 1:45 pm	Lunch		
10		1:45 to 2:30 pm	Proceed to M/s. GML Laboratory		
11		02:30 to 5.30 pm	Laboratory Demonstrations at GML		
<b>Coffee Break, END OF DAY-2 SESSIONS/Certificate Distributions</b>					

<b>Address of the Workshop</b>	MSME Development Institute Chord Rd, Rajaji Nagar Industrial Town, Rajajinagar, Bengaluru,
<b>Address of Laboratory Demonstrations</b>	Geological and Metallurgical Laboratories (A Division of IRCLASS Systems and Solutions Pvt. Ltd) M S K Nagar, Goraguntepalya, Yeswanthpur, Bengaluru, Karnataka 560022