



## **TWO-DAY WORKSHOP ON METALLOGRAPHY AND METALLURGICAL LAB PRACTICE**



MOUNTING



HARDNESS / MICROSCOPY

**ORGANISED BY**  
**ASM INTERNATIONAL BENGALURU CHAPTER**

**DATE : 7<sup>th</sup> and 8<sup>th</sup> December 2018**

**TIME : 9:00 A.M. TO 5:00 P.M.**

**VENUE : Karnataka Small Scale Industries association (KASSIA)  
2<sup>nd</sup> Floor, Vijayanagar, Bangalore  
(near Hosahalli Metro Station)**

**R. B. Dilip**  
**Chairman**  
**ASM (I) Bengaluru Chapter**

**Jyothi Sriram**  
**Secretary**  
**ASM (I) Bengaluru Chapter**

## ABOUT ASM

ASM International formerly known as the American Society for Metals was established in 1913 as a professional body of heat treaters. It has since evolved as an international professional body of material scientists, engineers, R&D professionals and academicians with the motto of collecting & disseminating knowledge on Materials and Processes. The worldwide network of more than 38,000 individuals is led by members, guided by members' needs and fueled by members' participation. ASM offers excellent networking link, gives an instant access to wealth of information on materials & processes through its technical books, acclaimed handbooks, CD-ROMs etc. ASM International Bengaluru Chapter was formed in 2007 and has been conducting workshops/seminars/conferences regularly with the objective of providing Scientific, Engineering and Technical knowledge in the field of metallurgy and materials science for professional development in line with the mission of the Headquarters.

## ABOUT BENGALURU CHAPTER

The Bengaluru chapter of ASM has been in existence for about 11 years. It has about 60 members drawn voluntarily from prominent Industries and Institutions in and around Bengaluru. The chapter is actively involved in conducting regular technical seminars and exhibitions on Heat treatment, Foundry, Forge, welding and other developments related to Materials & Processes, at Bengaluru, to update the professional and student community. The chapter is open to anyone in the relevant field becoming a member. More information & Membership forms are available at the chapter website : [www.asmlrchapter.com](http://www.asmlrchapter.com)

## ABOUT WORKSHOP

The workshop aims to familiarize the participants with Metallographic practices, standards and use of the same to interpret the quality of metallic structures being investigated. The topics to be covered are as follows :

### **A) Metallographic Practices:**

- (i) Sample preparation
- (ii) Use of Metallurgical Microscope

### **B) Metallographic Analysis :**

- (i) Standards
- (ii) Study of Ferrous structures
- (iii) Study of Non-Ferrous Structures
- (iv) Identification of defect such as IGCC
- (v) Welding and Brazing Structures and
- (vi) Coating Structures

During the workshop, theoretical presentation will be substantiated with video demonstration for all the participants.

Faculty are distinguished professionals from Industry and academia.

## WHO SHOULD ATTEND?

Professionals from quality department of manufacturing units working with metallic parts, Personnel from metallurgical laboratories (commercial or captive), Professionals working in production and quality department of industries involved in processing of metals such as Heat Treatment, Foundry, Forging, Steel making etc., Professionals and students involved in Technical Education related to the use of metals would greatly benefit from the knowledge acquired by participating in this programme.

## REGISTRATION DETAILS

Individual Registration (ASM Members)	Rs.6,000/-
Individual Registration (ASM Non-Members)	Rs.7,000/-
Company Registration (Minimum 3 participants)	Rs.18,000/-
Student/Research Scholar Registration	Rs.2000/-
Academia Registration	Rs.3000/-

**NOTE :** The participants for this workshop will be limited in number based on a first-come-first-serve basis.

The registration fee in the form of DD/Cheque/RTGS should be drawn in favour of “ASM International, Bangalore Chapter”, payable at Bangalore and sent to Chapter Office (Bengaluru Chapter’s Address is provided in the last page under Workshop Co-ordinators). Delegate Fee is non-refundable. Changes in nominations are acceptable. This is a non-residential programme. Out-stations Delegates are therefore requested to make their own arrangements for accommodation.

For Registration and more details, you are requested to contact the Workshop co-ordinators (contact details are provided in the brochure)

**Note:** For display of your company’s banner at the venue, the charges will be Rs.10,000/-

### Bank Details :

- 1. Name of Account :** ASM INTERNATIONAL BANGALORE CHAPTER
- 2. Name of the Bank & Address :** State Bank of India, SME Branch Peenya Industrial Estate, Post Bag No.1, Peenya, Tumkur Road, Peenya Industrial Estate, 1<sup>st</sup> Stage, Bangalore
- 3. Branch code:** 3024
- 4. IFSC Code :** SBIN0003024
- 5. Bank Account Number :** 30159403971
- 6. MICR CODE :** 560002037

Kindly mention the UTR Number of the Transfer in the Registration Form

## REGISTRATION FORM

<b>Name</b>	
<b>Designation</b>	
<b>Organisation</b>	
<b>Postal Address</b>	
<b>E-mail</b>	
<b>Contact Number</b>	<b>a) Office :</b>  <b>b) Residence :</b>
<b>Mobile</b>	
<b>Fax</b>	
<b>Registration Category (Please tick the applicable)</b>	
<b>ASM Member</b>	
<b>Non-ASM Member</b>	
<b>Company (minimum 3 nos.)</b>	
<b>Student/Research Scholar</b>	
<b>Academia</b>	
<b>Registration Fee is enclosed</b>	<b>Yes / No</b>
<b>DD / Cheque No./UTR No.</b>	
<b>Date</b>	
<b>Amount</b>	

## WORKSHOP CO-ORINDATORS

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### Chapter Office Address

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