



Training Programme on

METALLOGRAPHY

1st & 2nd September 2005

(09.00 a.m. - 05.00 p.m.)

At

ASM International Pune Chapter

Organized by

ARKEY CONFERENCE SERVICE CELL

37/4/A, 6th Lane, Prabhat Road,
Pune - 411 004.

Tel. : 020-25674455,25670808

Fax : 020-25672555

E-mail : rkengg@pn2.vsnl.net.in

INTRODUCTION

With increased globalization, industry, research and educational sector are required to upgrade their quality standards to meet global demands.

No doubt in India metallography is practiced sincerely. But the need is felt by industry to perform it more in-depth and methodically. This course attempts appropriate exposure to various metallography techniques, physical experimentation on each machine/instrument, selection of machines and consumables etc. This is good opportunity for the industry to train their metallographers and budding engineers to gain knowledge and exposure by this course.

WHO WOULD BE BENEFITTED

Practicing Metallographers
Laboratory technicians
Budding engineers and fresh
metallographers
Vendor development engineers
Project and facility planing
Engineers

The content of this programme has been evolved through active interaction of metallurgists with rich experience in metallography representing reputed engineering companies from Pune Industrial belt.

CONTENTS

Basic Metallurgy

Metallography Preparation Techniques
Covering abrasive sectioning, diamond sectioning, wheel selection, mounting, grinding/polishing, automatic polishing, electro polishing, in situ metallography, advanced techniques.

Optical Microscopy in Metallography

Quantitative metallography technique -
Image analyser

Demonstration of all the preparation machines and image analyser, consumable etc.

Discussion on various Micro Structures, identification of phases and their co-relation with properties.

Practical case studies pertaining to microstructural defects.

Participants are encouraged to bring their samples (submit in advance) for experts opinion.

REGISTRATION FEE

Individual

Corporate for 3 delegates

ASM Members Rs. 3,000/- Rs. 8,500/-

Non Members Rs. 3,500/- Rs. 10,000/-

(+) 10.2% Service Tax

Please add Rs. 50/- for outstation Cheques. Cheque/D.D. to be drawn in favour of "ASM International Pune Chapter". Delegate fee includes Course material & Lunch/Tea etc. during the programme.

REGISTRATION FORM

We are pleased to nominate the following persons from our organisation for the training programme on "Metallography" on 1st & 2nd September 2005 at ASM International Pune Chapter's office.

Name _____ Designation _____

1. _____

2. _____

3. _____

Please find enclosed herewith Cheque/D.D. No. _____ dated _____ for Rs. _____ towards the registration fees.

Please confirm the registration.

Deputing Authority

Name _____

Designation _____

Name of the Organisation & Address

Tel.No. _____ Fax No. _____

E-mail _____

Signature _____

FACULTY

Y.S. GOWAIKAR

A Metallurgist from Pune Engineering College having experience in building metallography machines, instruments and software for more than 15 years. He also has experience in standardizing metallography practices for various applications. He is Director of Metatech Equipments (India) Pvt. Ltd.

PROF. P. R. KHAONGAONKAR

Dr. P.R. Khangaonkar did B.E. (Mech.) and B.E.(Met.) from COEP, Pune. He did Ph.D. in Metallurgy at Rensselaer Polytechnical University, Troy, NY,USA. He has taught at various institutions like COEP, Pune, RE College, Nagpur as Professor & Head of Dept. He was Dy. Director - in charge, NML Madras Centre & Professor in USM, Malaysia. He is now a visiting Professor in COEP Pune. He has published over 70 papers and three books in the field of Metallurgy.

UDAYAN PATHAK

Diploma in Metallurgy (Govt. Polytechnic, Nagpur), BE (Met.) Visvesvaraya Regional College of Engineering, Nagpur. Worked in various industries like Ruston & Hornsby, Bharat Forge Ltd, Spicer India Ltd,. From 2001 as a Manager Metallurgy & Product Quality at L & T John Deere Pvt.Ltd.

M.S. UDAS

He has Masters degree in Metallurgy from IIT Bombay. Has an experience as practicing metallurgist in automobile industry for 15 years. Also from last 15 years he is engaged in providing high-end metallography solutions representing Struers, a leading international brand, in India.

For Details Contact,

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