

Appeal

GDC TECH forum has planned the three days introductory training programme covering various aspects of aluminium castings - various manufacturing processes, metallurgy of aluminium casting alloys, sand core technology, heat treatment, melting & metal treatment, furnace technology and casting defects analysis and remedial measures etc.

The programme is intended to provide basic knowledge to aluminium foundry persons which will help them to develop some insight of various processes, to be more effective and perform better in their work.

Topics

- Properties of Aluminium
- Alloying Elements, their role some important alloy details, Phase Diagrams brief Al-Si, Al-Cu, Al-Mg.
- Various Standards
- Various Casting Processes Sand/GDC/PDC/LPDC. Brief Details Equipment's, Comparison.
- Types of Furnaces
- Molten Metal Treatment
- Melt Quality Measurement
- Heat Treatment
- Cores/Core Coating
- Casting Defects
- Methoding Fundamentals
- Simulation/Die Design/Automation in PDC
- Fettling, Shot Blasting, Impregnation, Pressure Testing.

Faculty

• Anand Joshi

Metallurgical Engineer with about 38 years of diversified industrial experience in the fields of Non-Ferrous Foundries, Aluminium Extrusion and Heat Treatment of Ferrous & Non Ferrous Components.

•Areas of Experience cover Manufacturing, Quality, Development, Projects and General Management. Presently, he works as a consultant in the field of Aluminium Extrusion and Foundry.

• R. D. Nivargi

B.Tech. from IIT Bombay in 1976 in Metallurgical Engineering. Foundry experience in Kalyani Brakes (now Bosch Chassis Systems (India) Limited). Working experience of Japanese way of working due to technology transfer from NABCO (Nippon Air Brake Company) and European way of working due to collaboration with BREMBO. BREMBO Italy is world leader in two wheeler brakes and has now become a separate company in India. Being working in a captive foundry, experience gained in not only manufacturing of castings but machining and assembly level issues were also handled.

• Vilas G. Patil

B.E.(Met), College of Engineering Pune, Worked in production Aluminium Foundry, Die designing & casting development.

Heat Treatment: Heat treatment of various engine components & toolings. Quality Assurance: Mechanical & Metallurgical quality control. Worked as IMS (integrated Management system) MR. ISO 9001, ISO 14001 & OHSAS18001. Now works as proprietor 'Saarth Engineering Services' Industrial visits to Germany, Switzerland, Austria, Japan & China

Who Should Participate

- Supervisors, Engineers, Fresh less than 2 years experience
- Casting buyers
- New Entrants Owners/ Entrepreneurs

Registration Fees

Category	Members	Non-Members
• Individual	Rs. 10,000	Rs. 11,000
• Corporate (3 delegates)	Rs. 27,000	Rs. 29,700

Inclusive of 18 % GST

Delegate Fees includes Course Material, Tea & Lunch etc. during the programme.

RTGS / NEFT Details

Account Name	: GDCTECH
Bank Name	: UCO Bank
Branch Name	: Deccan Gymkhana Branch
Account No.	: 06870210001653.
IFSC Code	: UCBA0000687
MICR	: 411028009
Type of A/c	: Current

Payment to be made in favor of 'GDC TECH' payable at Pune.

Reference Books Available for Sale:

1. GDC Book
2. GDC Journal
3. GDC Technical Volume
4. GDC Guide Book in Marathi

We encourage & invite Case studies of your organisation for Discussion *

* Registered delegates are requested to inform us well in advance about their problems on the subject for discussion during the programme.

**For
Registration
Please
Contact**

GDC TECH FORUM

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