



Two days Training Programme on

HPDC DIE DESIGN, CASTING DEFECTS – ANALYSIS AND REMEDIAL MEASURES

25-26 June 2025 (Wed-Thu) | Time : 9.30 am to 5.30 p.m.

Venue : Alumni Club - Anna University, No. 1, Boat Club Rd, RA Puram, Raja Annamalai Puram, Chennai, Tamil Nadu 600028

Introduction

This training has been carefully structured to enhance understanding of HPDC Processes with Two Focus Areas:

1. Die Design Principles you will gain insights into optimal die design techniques that improve casting quality, enhance productivity, and reduce casting development time.
2. Casting Defects – Causes & Remedial Measures, the session will provide you with a structured approach to identifying casting defects, root causes and implementing effective corrective and preventive actions.

All in all, you will learn following:

1. Key elements in die design
2. Flow simulations and its importance in design validation,
3. Classification and root cause analysis of casting defects,
4. Practical remedial measures and design/process improvements

Contents:

1. HPDC die design basics
2. HPDC process Simulation Interpretation
3. Die casting defect analysis and remedial measures

Registration Fees

Category	Members	Non-Members
• Individual	Rs. 7,080.00	Rs. 7,788.00
• Corporate (3 delegates)	Rs. 19,116.00	Rs. 21,028.00

Inclusive of GST

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

RTGS / NEFT details

Account Name : Great Diecasting Technology Forum
Bank Name : UCO Bank
Branch Name : Deccan Gymkhana Branch
Account No. : 06870210002889
IFSC Code : UCBA0000687
MICR : 411028009
Type of A/c : Current
Payment to be made in favor of 'Great Diecasting Technology Forum' payable at Pune.

About Speaker:



Yashwant Reddy A
Application Engineer - Non Ferrous,
MAGMA ENGINEERING INDIA PVT. LTD.

Educational Qualifications:

Master of Engineering in Tool Design from Central Institute of Tool Design, Hyderabad

Relevant Experience:

6+ years of Experience in Die casting in both PDC and GDC processes.



Mr. C. Surianarayanan (SURI)

Aluminium Die Casting, & Plastic Injection Moulding (Consultant)
Trained for four years schooling of Tool Engineering under Swiss Teachers In a Training center India Sponsored By people of Switzerland. Had Special Training at Buhler Switzerland for Die casting And Die design. Had held Positions of various levels of the industry from Tool Maker to Technical Director. Handled Team building, Training of the team, Marketing and Personal management of the Team. Hands on Experience for Tool Design And manufacturing of HPDC dies, Plastic Injection molds and Stamping Tools. Exposure to process enriched by trails of the dies as well the production orders handled.

Training of the team:

- ⑩ Product design in line to fit, function, tool engg, machining and process feasibilities.
- ⑩ Die design for HPDC, GDC, Plastic injection (Thermo set & Thermoplastic) & Stamping dies.
- ⑩ Process Knowledge sharing, Material selection for the product inline to cost and functions.

Designed Some Dies and Products to International specifications and standards

Who Should Attend:

- HPDC foundry personnel - supervisors, engineers, managers working in Design, Die shop, NPD, Production, Quality, Maintenance
- Casting Buyers
- New Entrepreneurs / Owners

Questions received in advance will be given priority

Please send your registration form and payment details by email.

GDC TECH FORUM

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