

Two days Training Programme on
**HPDC - NPD Methoding
Die Coating Process Design
Defects - Analysis And Remedial Measures**

Contents:

- Basic Overview
- Feasibility Studies & NPD
- Die Design Calculations and Methoding
- Flow and solidification Simulation and Prediction of Defects.
- Planned Die Maintenance to get maximum die life Venting
- HPDC Defects classification
- Focus on Non filling/ cold shut, Gas Porosity, Blister and Edge Porosity
- Focus on Shrinkage porosity, Sink Marks, Leakage, Hot Cracks, Warpage /Bending, Soldering, Erosion
- Understanding the root cause of these defects
- Action plan @ design to eliminate the root cause
- Action plan @ process to eliminate the root cause

Who Should Attend:

- HPDC foundry personnel - supervisors, engineers, managers working in Melting & Casting, Post Casting Operations, Quality, Maintenance, Die shop, Design.
- Casting Buyers
- New Entrepreneurs / Owners

Registration Fees

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

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.

3 - 4 February (Tue-Wed) 2026

09.30 a.m. to 05.30 p.m.

At Arkey Conference Hall,
'Guruprasad', 2nd Floor, 37/4/A, 6th Lane, Prabhat Road, Pune 411 004

ABOUT SPEAKER



Mr. Rajesh R Aggarwal has over 33 years of experience in the field of Product and tool design for Aluminum die casting components in automotive and non automotive sector. He is a Mechanical Engineer and has completed his Masters Degree in Industrial Engineering from Kasetsart University, Thailand. He had worked in different capacities with Maharaja Whiteline, Godrej Tooling Division, Packsys Global Bangkok, Sunbeam Auto Ltd. Gurgaon and Endurance Technologies Ltd.

Presently he is based in Pune and providing consultancy, training and design services for Die Casting industry thru TechSense Engineering Services. He has received the "Best Casting Award" in Alucast 2010 and "NADCA 2011 International Die Casting Design Competition Award" for the Fly Wheel Housing project to convert GDC casting into HPDC thus reducing the part weight by 33%.

Questions received in advance will be given priority

Please send your registration form and payment details by email.

GDCTECH FORUM

**'Guruprasad', 1st Floor, 37/4/A, 6th Lane,
Prabhat Road, Pune 411 004, India**

Mobile: +91 97647 11315

**E-mail: gdctech@arkeycell.com,
arkeyconference@arkeycell.com**