

## DESIGN & MANUFACTURING OF JIGS, FIXTURES & GAUGES

DURATION	Five Days
TIMINGS	10.00 a.m. to 5.00 p.m. daily
VENUE	IDEMI, Mumbai
FEE/PARTICIPANT	Rs. 8824/- (including Service Tax)
INTAKE CAPACITY	20 participants

### WHO SHOULD ATTEND

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Persons working in Design / Tool Room / Production units. The Engineers / Supervisors/ Technicians involve in utility and maintenance of dies. Fresh engineers in Mechanical / Production Engineering who is willing to enter the die casting industry

### WHY SHOULD YOU ATTEND

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To understand basic concept involved in Die Casting Die Design & Manufacturing. Improve performance of the utility, maintenance, productivity and quality. The course is useful to Mechanical / Production Engineering professionals to improve their performance.

### WHAT THE PROGRAM CONTAINS

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1. Introduction to usage of Jigs & Fixtures in mass production using appropriate tools
2. Types of Jigs, Fixtures and associated elements
3. Basic Elements
4. Design of Jigs
5. Design of Fixtures

6. Tool Design Practices related to Jigs & Fixtures
  - a. Component Study
  - b. Design Consideration
    - i. Optimization
    - ii. Design & Drawing
  - c. Design Practices of various Jigs
    - i. Design Practices of various Fixtures
7. Layout
8. Conceptual Design
9. Optimization Study
10. Design & Drawing
11. Design Practice of various Tools