

## ● CAE COURSE

### CAE-105 MASTER'S DIPLOMA IN CAE STAMPING SIMULATION

**OBJECTIVE:** To understand the simulation performance in order to improve product designs.

#### DURATION - 45 DAYS

- Introduction to Manufacturing User profile, stamping tool design
- GUI & mouse commands, short-cut keys
- Geometry Clean-up & de-featuring
- Meshing & Element qualities
- Under-cut checks & Blank development
- Importance of binders pressure and draw-beads
- Single and multi stage draws using Automatic method
- Single and multi stage draws using Manual method
- Spring-back calculations
- Hot & cold Forming methods
- Hydroforming & Bending tube
- Composite material forming method
- Output files reading & Debugging methods
- Advance Results interpretations
- Report Preparations (Industry standards)
- CAE Recommendation slides Preparations (Industry standards)
- Final Project (Industrial)

