

## **Coimbatore Industrial Infrastructure Association (COINDIA) – Complete Tooling Solution**

**Introduction.** COINDIA was established in the year 2005 and registered as a registered society under the Tamil Nadu Societies Registration Act 1975. It is Special Purpose Vehicle (SPV) implementing Pump, Motor, and Foundry cluster development projects under the GoI Industrial Infrastructure Upgradation Scheme (IIUS) - 2003.

**COINDIA Modern Tool Room (CMTR).** Over 18 years' experience in design and manufacturing of complex, precision, multi-cavity moulds for various applications and industries, including Pump & Motor industry. We provide Hot runners, unscrewing moulds, and 3D printing inserts, manufactured using latest design software's and machines. Availability of high technology equipment, skilled manpower, practical approach and mentorship aids us to deliver standard and non-standard job orders to the satisfaction of the customer.

**Equipment.** Tool room has over 25 equipment. Apart from conventional equipment, few unique equipment available with CMTR are mentioned below: -

- ❖ Mazak 510 I VMC
- ❖ DMG 60U 5 Axis,
- ❖ Charmillies WEDM
- ❖ FA20S WEDM
- ❖ Makino Sinker EDM,
- ❖ Shibaura Moulding Machine

### **Deliverables**

- ❖ Mould Flow analysis
- ❖ Jigs and fixtures
- ❖ Tool & Product design and manufacturing
- ❖ Die casting
- ❖ Testing & Commissioning
- ❖ 40 Moulds and 160 New products per year
- ❖ Noryl, PP, PC, ABS, PET, Nylon, LDPE, HDPE, PMMA Components

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