



## INTRODUCTION

**Scientific molding is a process whereby the fill, pack and hold stages are treated separately to minimize fluctuations while improving overall product consistency.** Separating the stages is also known as decoupled injection molding. Molders who utilize scientific injection molding equipment, software, and practices can, according to scientific molding educator [John Bozzelli](#), “reduce cycle times, increase machine efficiency, and ultimately make more money.” Other experts who further developed made this know-how accessible are: [Rod Groleau](#), [Suhask Kulkarni](#).

Keeping this in mind, IMTMA is conducting a 6 hours program on Scientific Injection Molding Techniques for Plastic parts.

## FOCUS AREAS

- Traditional vs. scientific molding
- Injection molding process stages
- Scientific molding process steps
- Advantages of scientific molding
- Advanced technology in scientific molding
- Applying this knowledge from pellet to consistent molded article.

## KEY TAKE AWAYS

- Give injection molding process engineers techniques to lower cycle time, increase production volume and efficient usage of molding machine.
- Understand how scientific molding makes more money for molders
- Various instrumentations, software technologies, aided with simulation.

## FEE PER PARTICIPANT (PER LOGIN)

**Rs. 7500/-**

+18% GST

**IMTMA Members/ Micro Companies/ Individuals/  
Educational Institutions / Students/ IMTMA Non  
Members/ Others**

**USD 300/-**

**Overseas Participants**

**Group Concession : 10% for 3 to 5 and 30% for 6 and more delegates being nominated from the same company**

## FACULTY

The program shall be delivered by **Mr. Rakshit Amba**.

Trained as a young Plastics Mold Maker & Designer since 1996. With Diplomas from CIPET, India; Plastics Engineering Degrees from Pittsburg State University, USA & University of Massachusetts, USA. Over the last 2-3 decades, Rakshit held roles in various plastics training institutes, family owned, start-up & multinational companies in plastics. Experienced in Injection molding, Film Extrusion, Compounding, Reactive Extrusion, Mold-Making & Design, Techno-Commercial & Marketing. He is currently employed full-time with Novoloop, Inc in California, USA. Language Fluency: Hindi, Tamil, Telugu, English and Beginner/Intermediate Fluency in Kanada, German, Spanish.

### For Registration Contact

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