

**One day hands on training on “Particle Size, Shape Analysis  
assisted by AI/ML in Pharmaceutical Formulation and  
Development”**

**Venue: Conference hall, Pharma Engineering**

**Organizer: Dr. Dinesh Kumar**

**Sponsor: SERB, India**

The agenda for 29<sup>th</sup> September 2023.

<b>Sr. No.</b>	<b>Agenda</b>	<b>Time</b>
<b>1.</b>	Inauguration by Prof. Siva Hemalatha, HOD	10:30-10:45 AM
<b>2.</b>	Presentation on Particle Size, Shape Analysis assisted by AI/ML in Pharmaceutical Formulation and Development by Mr. Sandeep Kulkarni	10:50 - 11:40 AM
	Q&A	11:40 AM-12:00 PM
<b>3.</b>	Impact of particle size and particle size distribution on pharmaceutical and biopharmaceutical properties by Dr. Dinesh Kumar	12:00- 12:20 PM
	Q & A Session	12:20 - 12:30 PM
<b>4</b>	Strategic Regulatory Integration: Achieving AQbD Objectives with Statistical Machine Learning and Design of Experiments by Dr. Prakash Muthudoss	12:30 - 12:50 PM
	Q & A Session	12:50 to 13:00 PM
<b>4</b>	Lunch Break	13:00 to 13.45
<b>5</b>	Hands-on- Demonstration by using the live sample on Microscope	14:00 to 16:00
<b>6</b>	Closing and vote of Thanks	16:00-16:15