










**AICTE Training and Learning (ATAL) Academy Programme**  
 on  
**“Advances in Manufacturing” (AIM 3.0)**  
**(4-8 January, 2021)**



**Organized by: Dept. of Mechanical Engineering, SVNIT Surat**

**Schedule**

<b>Day &amp; Date</b>	<b>10:30 AM to 11:00 AM</b>	<b>11.00 AM to 12:30 PM</b>	<b>3:00 PM to 4:30 PM</b>
<b>Day 1</b> 04/01/2021 Monday	<p style="text-align: center;"><b>Inauguration &amp; overview of the programme</b></p> <p>Chief Guest:</p> <div style="text-align: center;">   <b>Parakrimsinh G. Jadeja</b>                      Chairman and Managing Director,                      Jyoti CNC Automation Ltd.                      &amp;                      President,                      Huron Graffenstaden SAS, France                 </div>	<p style="text-align: center;"><b>Session 1</b></p> <p style="text-align: center;">Advances in Incremental Sheet Forming</p> <div style="text-align: center;">   <b>Prof. H. K. Raval</b>                      MED, SVNIT                 </div>	<p style="text-align: center;"><b>Session 2</b></p> <p style="text-align: center;">AI Applications in Sheet Metal Forming</p> <div style="text-align: center;">   <b>Prof. Shailendra Kumar</b>                      MED, SVNIT                 </div>
<b>Day 2</b> 05/01/2021 Tuesday	<p style="text-align: center;"><b>09:30 AM to 11:00 AM</b></p> <p style="text-align: center;"><b>Session 3</b></p> <p style="text-align: center;">Advances in welding</p> <div style="text-align: center;">   <b>Dr. V. D. Kalyankar</b>                      MED, SVNIT                 </div>	<p style="text-align: center;"><b>11.00 AM to 12:30 PM</b></p> <p style="text-align: center;"><b>Session 4</b></p> <p style="text-align: center;">Advances in casting</p> <div style="text-align: center;">   <b>Dr. Jyoti Menghani</b>                      MED, SVNIT                 </div>	<p style="text-align: center;"><b>3:00 PM to 4:30 PM</b></p> <p style="text-align: center;"><b>Session 5</b></p> <p style="text-align: center;">AWJM of Composite</p> <div style="text-align: center;">   <b>Prof. Shailendra Kumar</b>                      MED, SVNIT                 </div>

<b>Day 3</b> 06/01/2021 Wednesday	<b>09:30 AM to 11:00 AM</b>	<b>11:00 AM to 12:30 PM</b>	<b>3:00 PM to 4:30 PM</b>
	<p style="text-align: center;"><b>Session 6</b></p> Orbital Electro Discharge Machining  <b>Prof. K. P. Desai</b> MED, SVNIT	<p style="text-align: center;"><b>Session 7</b></p> Additive Manufacturing: An overview and research scope in FDM  <b>Prof. Shailendra Kumar</b> MED, SVNIT	<p style="text-align: center;"><b>Session 8</b></p> Role of advanced optimization techniques in manufacturing  <b>Prof. R. V. Rao</b> MED, SVNIT
<b>Day 4</b> 07/01/2021 Thursday	<b>09:30 AM to 11:00 AM</b>	<b>11:00 AM to 12:30 PM</b>	<b>3:00 PM to 4:30 PM</b>
	<p style="text-align: center;"><b>Session 9</b></p> Powder-based 3D Printing Technologies  <b>Dr. Pawan Sharma</b> MED, SVNIT	<p style="text-align: center;"><b>Session 10</b></p> Reverse Engineering  <b>Prof. A. A. Shaikh</b> MED, SVNIT	<p style="text-align: center;"><b>Session 11</b></p> Composite 3D Printing  <b>Dr. H. K. Dave</b> MED, SVNIT
<b>Day 5</b> 08/01/2021 Friday	<b>09:30 AM to 11:00 AM</b>	<b>11:00 AM to 12:30 PM</b>	<b>2:30 PM to 4:00 PM</b>
	<p style="text-align: center;"><b>Session 12</b></p> Design and Manufacturing for Environment  <b>Dr. Ravi Kant</b> MED, SVNIT	<p style="text-align: center;"><b>Session 13</b></p> 3D printing for innovation and startups  <b>Dr. H. K. Dave</b> MED, SVNIT	<p style="text-align: center;"><b>Session 14</b></p> Guidelines for publishing research papers in reputed international journals  <b>Prof. R. V. Rao</b> MED, SVNIT

**Written Test (online, MCQ type) & Feedback: 8<sup>th</sup> January, 2021 (4 -5 PM)**

**NOTE:**

- 1. Only the approved candidates will get the certificate of FDP, provided they get minimum 80% attendance and 60% marks in assessment.**
- 2. If the candidature is shown as applied on their login under applied workshops then that particular participant should not attend the FDP and their names will also not appear for attendance and test marks. Subsequently they will not be able to get the certificate even after attending all the sessions and test.**
- 3. Please read the FAQ given on the portal at the link <https://atalacademy.aicte-india.org/FAQs>.**

**(Coordinators, AIM 3.0)**