



## Training Program on Modern Manufacturing Technologies for Viksit Bharat 2047



Organized by



Department of Mechanical Engineering  
 Sardar Vallabhbhai National Institute of  
 Technology, Surat, Gujarat

In association with  
 Gujcost, DST, Govt. of Gujarat & SETU  
 Foundation

Chief Patron: Prof. Anupam Shukla, Director,  
 SVNIT

Patron: Prof. P. V. Bhale, HoD, DoME

SVNIT Surat, GUJCOST (DST, Gujarat), and SETU Foundation are jointly organizing an STTP on "Manufacturing Technologies for Viksit Bharat 2047". The program covers Advanced CNC Machining, WEDM, Metal 3D Printing, and Industry 4.0 trends. It aims to bridge academia-industry gaps and build skilled manpower for defense, aerospace, and automotive sectors. This initiative supports India's vision of technological self-reliance and global manufacturing leadership by 2047.

### Highlights of the course:

- Advanced CNC Milling and Grinding Techniques
- High-Speed and Precision Machining
- Industrial Visit: SETU Foundation
- Wire-cut Electrical Discharge Machining (WEDM)
- Metal Additive Manufacturing (Metal 3D Printing)
- Industry 4.0 and Advanced Manufacturing Trends

### Eligibility:

- B.Tech: 6 semester onwards
- Pursuing M.Tech./PhD in relevant areas
- Faculty members working in a relevant area

### Duration: 5 Days

No boarding and lodging facility will be provided.

Candidates have to arrange it by themselves.

For accommodation, you can explore:

<https://www.svnit.ac.in/web/guesthouse.php>

[https://www.svnit.ac.in/web/hostels/nehru\\_bhavan.php](https://www.svnit.ac.in/web/hostels/nehru_bhavan.php)

**Limited no. of seats: 30 (On first-come, first-served basis)**

**Registration Fee: 800/- + 18% GST (INR 944/-)**

### Course Coordinators:

- Dr. Amrut Mulay
- Dr. B. N. Sahoo
- Mr Hetal Mehta
- Mr. Pankaj Trivedi
- Dr. Yogendra Kuwar

### Important Dates:

Last Date to Register: 13/07/2026  
 Date of Confirmation: 14/07/2026  
 Course duration: 22<sup>nd</sup> to 26<sup>th</sup> July, 2026

Scan  
 Here

For Registration



For Payment





## Outline of the Program

	Topic	Duration and Timings
CAD & CAM	CAD for Engineers 1	5 Days, Wednesday to Sunday  Industry Visit (2 Days)
	CAD for Engineers 2	
	CAM & Software practice	
Sheet Metal Forming	Flexible Die-less Sheet Forming	
Industrial Visit	Advanced CNC Milling and Grinding Techniques	
	High-Speed and Precision Machining	
	Metal Additive Manufacturing (Metal 3D Printing)	
	Industry 4.0 and Advanced Manufacturing Trends	

### Sessions:

- Daily 6-hrs sessions:  
9:30 AM – 12:30 PM  
2:30 PM – 5:30 PM

### Additional Benefits:

- Assignments to supplement lectures with hands-on experiments
- Sessions by Industry Leaders
- Summative quiz to assess learning
- Interaction with Industry leaders
- Expert Lecture and Demo of Incremental Sheet Forming
- Industrial Visit: SETU Foundation

For queries please contact: [mas@med.svnit.ac.in](mailto:mas@med.svnit.ac.in)

