

# High End Workshop on “Novel Materials: Processing & Characterization”

(Under the KARYASHALA Scheme – A SERB Initiative)

## February 29<sup>th</sup> -March 6<sup>th</sup> 2024 (OFFLINE MODE)

**Organised by** Department of Mechanical Engineering, Sardar Vallabhbhai National Institute of Technology, Surat.

**Funded by** Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India under Accelerate Vigyan Scheme.

### About the Karyashala:

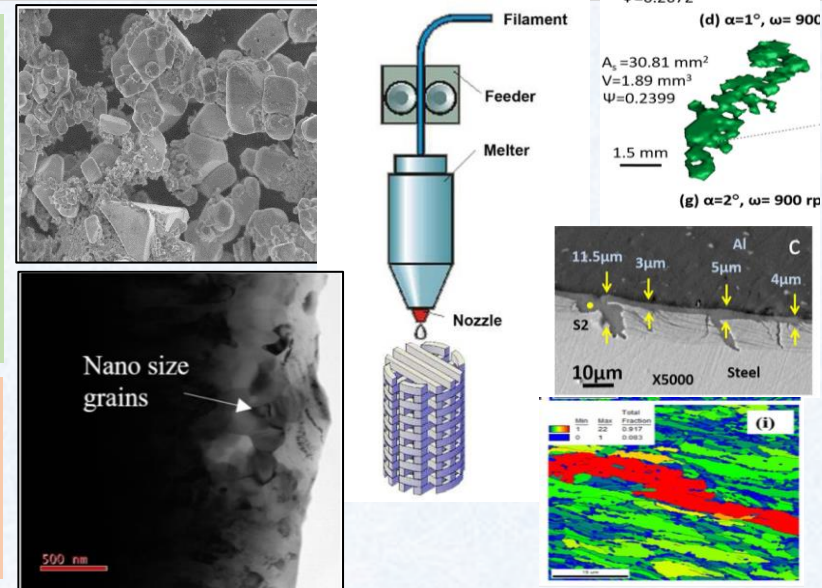
"Accelerate Vigyan" (AV) strives to provide a big push to high-end scientific research and prepare scientific manpower which can venture into research careers and a knowledge-based economy. The main objective of the program is to impart knowledge in the area of advances in Sheet Metal Forming. The program covers the recent trends in the forming processes, such as sheet metal properties, material selection, forming processes, tooling, simulation and modelling, quality control, design considerations, industry applications, future trends, applications in the automotive and aerospace industries, etc.

### About the Institute:

The institute was established by the Parliament of India in the year 1961 as Sardar Vallabhbhai Regional College of Engineering. In the year 2002, it is renamed as Sardar Vallabhbhai National Institute of Technology (SVNIT). SVNIT is one of the public engineering institutions of the country which has contributed many outstanding engineers in India & abroad. The institute currently has six UG programs, nineteen PG programs (in addition to three integrated M.Sc. programs) and a Ph.D. program in all disciplines of engineering and applied sciences.

### Who can attend:

Karyashala is open to Undergraduate final year, postgraduate students and research scholars nationwide. Preference will be given to the students who have an interest and background towards metal forming and deformation.



## Registration Details:

Registration Fee: There is no registration fee\*.

Registration Link:

<https://forms.gle/pbqtrVX5ZESD5Tf48>

**\*Note: Only 25 candidates will be shortlisted and allowed to participate. Travel, Food and Accommodation related expenses will be borne by SVNIT Surat for the shortlisted candidates. The participants must upload the endorsement certificate during registration (See the Reg. link).**

**The last date for registration is 15<sup>th</sup> February 2024**

**Intimation of selection through E-mail by 17<sup>th</sup> February 2024**

### Institute Address:

Sardar Vallabhbhai National Institute of Technology (SV NIT) Surat  
{ An Institute of National Importance of Government of India }  
Ichchanath, Dumas Road, Surat-395 007, Gujarat State, India.

## Key Resource Persons

|                                  |                                  |
|----------------------------------|----------------------------------|
| Prof. S.K. Panigrahi, IIT Madras | Prof. Amitava De, IIT Bombay     |
| Dr M Gopinath, IIT Hyderabad     | Prof.Sushil Mishra, IIT Bombay   |
| Dr Rahul Jain, IIT Bhilai        | Prof. Suman Deb, IIT Bhubaneswar |
| Dr Susaant Sethi, IIT Dharwad    | Dr Omkar Bembalge, IIT Dharwad   |
| Dr Matruprasad Rout, NITT        | Dr Jose Immanuel, IIT Bhilai     |
| Dr Srinivas Behera, NITR         | Dr S.Shiva, IIT Jammu            |

### Chief Patron:

**Prof. Anupam Shukla**, Director, SVNIT Surat, Gujarat 395 007

### Patron:

**Prof. A.A. Shaikh**,

Head, Department of Mechanical Engineering, SVNIT Surat, Gujarat- 395 007.

### Coordinator(s).

**Dr. Biranchi Narayan Sahoo, Dr. Raju Prasad Mahto, Dr. Amrut S Mulay, Dr. Krishna Kishore Mugada**

Department of Mechanical Engineering

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