

### Programme Rationale:

This Programme is mainly targeted at Staff to cope up with the latest equipments and highly computerized and advanced test rigs to conduct various experiments under the syllabus of Diploma in Mechanical Engineering.

It is an opportunity for all the Staff members to get familiarized with working principles and operations performed on CNC Machining Centers, Generation of Part Programs and study Tooling of CNC Machine.

### Program Contents :

- Advanced CNC Machines.
- Components, Subassemblies & peripherals of CNC
- CNC Part Programming.
- CNC Programming formats.
- CNC Cutting Tools and presetting.
- Presetting Practical Performance.
- CNC operation verification on using simulation Software.
- Performance of Practical (NEC, Nashik)
- Performance of Practical (SS-Technovations, Nashik)

### Eligibility & Seats:

Teaching Faculty members from department of Mechanical / Automobile / Production Engineering in Polytechnics all over Maharashtra.

**Limited to 30 participants as per MSBTE**

**Circular:**

**No. MSBTE/ D52/FDTP/2016-17/7688**

**Dated: 28<sup>th</sup> November 2016**

### Registration Fees:

Per Candidate: **Rs.500/-**

**DD** Should be in favour of "**Sandip Institute of Polytechnic**" Payable at Nashik.

### Mail your Entries / Queries to:

Email: [sunil.raut@sipnashik.org](mailto:sunil.raut@sipnashik.org)

Contact no.: **+91 95454 53264**

Email: [rushikesh.sonar@sipnashik.org](mailto:rushikesh.sonar@sipnashik.org)

Contact no.: **+91 98904 81959**

### Patron

**Hon. Dr. Abhay Wagh**  
(Director, MSBTE, Mumbai)

**Hon. Dr. Sandip Jha**  
(Chairman, Sandip Foundation, Nashik)

**Dr. Vinod M. Mohitkar**  
(Secretary, MSBTE, Mumbai)

**Shri. Dhyandeo P. Nathe**  
(Joint Director, DTE, R.O., Nashik)

**Shri. Pramod U. Wayse**  
(Deputy Secretary, RBTE, Aurangabad)

**Hon. Mrs. Mohini Patil**  
(General Manager, Sandip Foundation, Nashik)

**Hon. Prof. P. I. Patil**  
(Mentor, Sandip Foundation, Nashik)

### Convener

**Prof. Sandeep D. Pawar**  
(Principal, Sandip Institute of Polytechnic, Nashik)

### Chief Co-ordinator

**Prof. S. S. Raut**  
(HOD, ME)  
+91- 9545453264

### Co-ordinator

**Prof. R. D. Sonar**  
+91 98904 81959

### Accommodation, TA/DA

Accommodation will be provided for outstation participants on prior intimation via Email. Outstation participants will be paid TA/DA as per MSBTE Norms.

### Important Dates

Last date of receiving application: **08<sup>th</sup> Dec 2016**

Confirmation of Selection: **10<sup>th</sup> Dec 2016**

Duration of Program: **12<sup>th</sup> Dec to 16<sup>th</sup> Dec 2016**

### Address for Correspondence

Principal, Sandip Institute of Polytechnic,  
Mahiravani, Trimbak Road, Nashik-422 213  
Ph: (02594) 222 571- 575

**SANDIP FOUNDATION'S**

**SANDIP INSTITUTE OF POLYTECHNIC,  
NASHIK**



**MSBTE SPONSORED**

**FACULTY DEVELOPMENT TRAINING  
PROGRAMME ON**

**"CNC For Competitive Manufacturing"**

**(12<sup>th</sup> Dec. to 16<sup>th</sup> Dec. 2016 )**



**Organized by**

**Department of Mechanical Engineering**

**SANDIP FOUNDATION'S**

**SANDIP INSTITUTE OF POLYTECHNIC,**

**MAHIRAVANI, TRIMBAK ROAD, NASHIK - 422 213**

**Website: [www.sandipfoundation.org](http://www.sandipfoundation.org)**

**E-mail: [principal@sipnashik.org](mailto:principal@sipnashik.org)**

**SANDIP FOUNDATION'S  
SANDIP INSTITUTE OF POLYTECHNIC,  
NASHIK**

**'Registration Form'**

**MSBTE SPONSORED**

**FACULTY DEVELOPMENT TRAINING PROGRAMME ON**

**"CNC For Competitive Manufacturing"**

For Teaching Faculties – Mechanical Engineering Group

**12<sup>th</sup> Dec. to 16<sup>th</sup> Dec. 2016**

NAME: \_\_\_\_\_

DESIGNATION: \_\_\_\_\_

ORGANIZATION: \_\_\_\_\_

\_\_\_\_\_ CODE: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ PIN: \_\_\_\_\_

CONTACT NO.: \_\_\_\_\_

\_\_\_\_\_

ACCOMMODATION REQUIRED: YES / NO

NAME OF BANK:

DD NO.: \_\_\_\_\_

PLACE: \_\_\_\_\_

DATE: \_\_\_\_\_

\_\_\_\_\_

SIGN OF  
PARTICIPANT

SIGN OF  
PRINCIPAL

**SEAL OF THE INSTITUTE**

**SANDIP FOUNDATION'S  
SANDIP INSTITUTE OF POLYTECHNIC,  
NASHIK**

**Profile:**

As Sandip Institute of Polytechnic successfully completes Five years of its existence with excellent results, it is time to reflect once again upon our strengths, our motives and the goals we have set ourselves to achieve in the future. We are an organization that combines scientific, financial and operational skills and resources to rejuvenate your future.

We undertake this pledge, to constantly strive, improve and excel in the future endeavors as well.

**Mission:**

-To build a strong center of Excellence in Learning & Research in Engineering and Frontier Technology.

-To emerge into a magnificent and mighty launching pad to turn out technological giants.

**Vision :**

To mould our youngsters into Millennium Leaders not only in Technological and Scientific fields but also to nurture and strengthen the innate goodness and humane nature in them.

**Features of the Institute :**

- Student focused Education.
- World Class Infrastructure.
- Research & Development (R&D) Cell.
- State-of-art Laboratories.
- Modern Teaching-Learning Methodology and tools.
- Amphi theater.
- WI-Fi Campus.

**AICTE Approved Courses and Intake:**

S N	Course	Course Code	Intake
1	Computer Engineering	CO	60
2	Civil Engineering	CE	120
3	E & TC Engineering	EJ	60
4	Mechanical Engineering	ME	120
5	Electrical Engineering	EE	60
<b>TOTAL INTAKE</b>			<b>420</b>

**SANDIP FOUNDATION'S  
SANDIP INSTITUTE OF POLYTECHNIC,  
NASHIK**



**Training & Placement Cell :**

We are proud to say that our students are finding very good placements through In-campus & Off-campus placement. We are ahead through Industry Institute Interaction (III) with the companies like Larsen & Toubro Limited, Powai, Mumbai R.C.P Enterprise, Nasik, TATA Motors Ltd, Pimpri, Pune, Wahan Engineering & Electromechanical Pvt. Ltd. HAL, ABB, Kirloskar Oil Engine. Ltd, TATA Tele Services, Perfect Circle India Ltd. Makino Bangalore & many more. Also Training & Placement helps second year students to undergo one month In-plant training in the reputed industries.

**Mechanical Engineering Department:**

The department is having highly qualified, experienced and motivated staff. The department has State-of-art laboratories with the latest testing facilities like, Computerized IC Engine, VMC and fully equipped Fluid Power, Power Engineering, Thermal engineering, Theory of Machines, Refrigeration and Air Conditioning, Automobile Engineering laboratories and fully equipped Auto CAD Lab. Modular courses in CAD / CAM & CAE are planned and organized for the students.

**Activities:**

- Software Courses (Pro-E, Auto CAD) organized for the Global Touch.
- Industrial Visits and Expert Lectures.
- Knowledge updating & In plant training program.
- In campus Project Exhibition & Project Competition.
- In house Paper Presentation & Technical Quiz Competition.
- Annual Social Gathering held for the development of Students extra-curricular activities.