

**ISTE APPROVED ONE WEEK SHORT TERM TRAINING PROGRAMME (STTP)**

On

**“Industry need based customized training programs in the fields of CAD/CAM/CAE (STTP-2018)”**

**Registration Form**

Name (Mr. /Ms.) \_\_\_\_\_  
Designation \_\_\_\_\_  
Department \_\_\_\_\_  
Institute \_\_\_\_\_  
Experience: Teaching \_\_\_\_\_ 2. Industry \_\_\_\_\_  
Address for Correspondence \_\_\_\_\_  
\_\_\_\_\_  
Email ID \_\_\_\_\_  
Mobile \_\_\_\_\_  
ISTE NO \_\_\_\_\_

I wish to participate in the STTP on- “Industry need based customized training programs in the fields of CAD/CAM/CAE” held at SCOE, Kharghar, Navi Mumbai. completed application form along with draft drawn in favor of “principal Saraswati College of Engineering” payable at Mumbai

The fee for STTP is submitted in cash /DD, provide

DD No. \_\_\_\_\_ Dated: \_\_\_/\_\_\_/\_\_\_

Signature of Participant

Signature of HOD

**CHIEF PATRONS**

Hon. Mr. Prithviraj Deshmukh  
Chairman -Saraswati Education Society  
Hon. Mrs. V. P. Deshmukh  
Secretary-Saraswati Education Society

**CHAIR PERSON**

Dr. Manjusha Deshmukh  
Principal-Saraswati college of Engineering

**CONVENER**

Prof. Quazi T.Z.  
HOD. Automobile Engineering

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**ORGANISING COMMITTEE**

Prof. Mandar D Jagtap  
Prof. Lalit Bhoje  
Prof. Prashant. D. Ingle  
Prof. Amit patil  
Prof. Sagar Khatavkar  
Prof. Chetan Thakur

Faculty from Automobile Engineering Department



Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to Mumbai University  
NAAC Accredited, An ISO 9001:2008 Certified Organization

Presented by



**ISTE approved one Week Short Term Training Programme (STTP)**

On

**“Industry need based customized training programs in the fields of CAD/CAM/CAE (STTP-2018)”**



Duration

**2<sup>nd</sup> January to 6<sup>th</sup> January 2018**

Organized by

**Department of Automobile Engineering  
Saraswati college of Engineering  
Sector No 5, Kharghar, Navi Mumbai -410210,  
Phone No.022-32027356, 32027417**



## About the Institute

Saraswati College of Engineering was established in 2004 with clear objectives of providing quality technical education & research vision. The college is recognized by AICTE & governed by Maharashtra & affiliated to university of Mumbai. Devoted & dedicated efforts by experienced & qualified faculty members, the huge infrastructure & lush green surroundings are few of our strong points for mention.

The institute is presently running the undergraduate engineering programs in Automobile, Electronics and Telecommunication, Mechanical, Computer, Information Technology, Civil Engineering and post-graduation courses in Electronics & telecommunication, and Mechanical engineering. Our institute lays a strong emphasis on fundamentals to facilitate students understand complex engineering subject in an interesting and stimulating environment.

The management of the college is committed to introduce quality UG & PG courses & research Programme in the upcoming field of technology. The ISTE Chapter is organizing workshops & seminars for the profound growth of students & faculty time to time.

## Automobile Engineering Department

The Department of Automobile Engineering was established in the academic year 2011 with a sanctioned intake of 60. The department follows the syllabus as prescribed by the affiliating Mumbai University. At present, the department has well qualified faculty members and to supplement the syllabus, guest lectures and industrial visits are organized by the department. It has well equipped class rooms and laboratories that cater to the needs of the students. Students have achieved the cream layer in university toppers list, as well as achieved platform in FORMULA ONE, BAJA, PRAHAR racing events at National & international racing events.

## About STTP CAD/CAM/CAE

An industry standard for over 40 years, Nastran is a finite element (FE) solver for stress, vibration, buckling, structural failure, heat transfer, acoustics and aero elasticity analyses. Manufacturers as well as engineering suppliers in aerospace, automotive, electronics, heavy machinery, medical device, and other industries rely on NX for their critical engineering computing needs so they can produce safe, reliable and optimized designs within shorter design cycles.

NX provides CAM solutions for machine tool programming, postprocessing and machining simulation. NX CAM functions in each of its modules can maximize returns on your investments in the latest machine tool technology. Adopted across many industries, NX has proven capabilities for manufacturing in the aerospace, automotive, medical device, mold & die, machinery industries

## Objectives

The purpose of STTP would be to bridge the gap and enhance the knowledge of participants towards CAE and CAM this will also definitely qualitatively enrich teaching and learning process

## Eligibility

Faculties from automobile and mechanical engineering department can enroll for this STTP. We encourage young faculties with 2 to 5 years of experience and proven commitment to teaching profession.

## Recourse Persons

Eminent speakers from Industry and Academia. Experts from the field of CAD/CAM/CAE. The STTP will have contribution of research talk on Advance manufacturing technology in Industries.

## Topics to be Covered

Introduction to NX Graphical User Interface, Creating Datum Features, Feature Modeling Commands, Assembly Constraints, Drafting, study and Handling of CAM software with its examples of drilling, cutting and rapid prototyping. Advancement in smart material and nanotechnology emerging in automobile application and its manufacturing process.

Above topics will be delivered with respect to streams of Automobile, Mechanical, Production and Aerospace Engineering Department

## Registration

Category	Fees
Faculty	2500
Students	1500
Industry	3000

Registration fee includes course kit, lecture materials, refreshment and lunch for 5 days during the course.

## Important Dates

Start of Registration : 27<sup>th</sup> Nov. 2017  
Last date for Registration : 29<sup>th</sup> Dec. 2017