

## About the Institute:



The Institute was initially established as Sardar Vallabhbhai Regional College of Engineering in 1961. It was later upgraded as a National Institute of Technology in 2002. It has been accorded the status of institute of national importance. At present, SVNIT is one of the prestigious engineering institutions of the country and has contributed many outstanding engineers in India and abroad. It is running six undergraduate, seventeen postgraduate programs and a Ph.D. program in all disciplines of engineering and applied sciences. Special attention is given to interdisciplinary research all across departments. The institute has an excellent placement record and growing at a high pace in research as well. For more details, please visit: <http://www.svnit.ac.in/>

## Mechanical Engineering Department:

The Department came into existence in the year 1961. Department has a team of 37 qualified faculty members having specialization in various areas. At present, the department is conducting a UG program (Mechanical Engineering), five PG programs (Mechanical Engineering, CAD/CAM, Thermal System Design, Turbo-machines, and Manufacturing) and a research program leading to M. Tech (Research) and Ph.D. degree. For more details, please visit:

[http://svnit.ac.in/web/department/mechanical/mechanical\\_dept.php](http://svnit.ac.in/web/department/mechanical/mechanical_dept.php)

### About the faculty development program:

Due to the introduction of Information and Communication Technologies (ICT), there are better and new opportunities available in the teaching and learning process. In Open Educational Resources (OER), there are emerging tools as blended learning and flipped classroom. These new technologies need to be reviewed and adapted for the Indian environment. Initially, there should be a shift of mindset to adopt these tools, both teachers and students. This program aims to provide a fundamental understanding of E-Learning concepts and its effective implementation in various academic and research activities, which may be benefitted to a broad spectrum of researchers, teachers, and students.

## AICTE Training and Learning (ATAL) Academy



sponsored



# ONLINE

## Faculty Development Program

On

## Blended Learning and Flipped Classrooms

08 - 12 February, 2021

### Coordinators

Dr. M. H. Bade  
Dr. V. D. Kalyankar  
Dr. A. V. Doshi

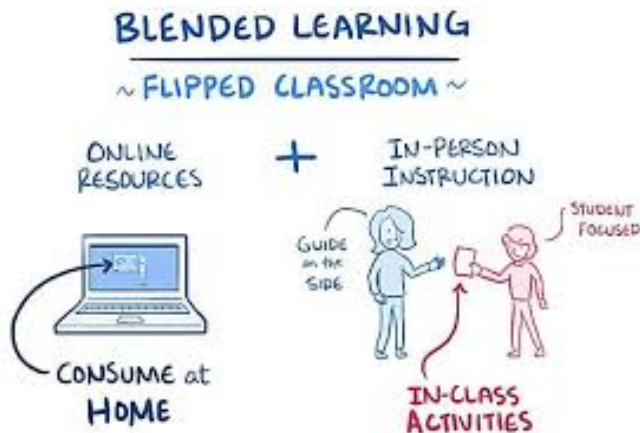
### Organized by



Mechanical Engineering Department  
S. V. National Institute of Technology (SVNIT)  
Surat - 395007, Gujarat, INDIA

## Content of the program:

- ❖ Overview of Flipped Classroom/Blended Learning
- ❖ The World of Creativity
- ❖ The Process of Blended Learning
- ❖ Introduction of New Teaching Pedagogy
- ❖ Open Educational Resources (OER)
- ❖ Pedagogy for Mastering the Mind
- ❖ Virtual Learning Environments (VLEs)
- ❖ Planning the Flipped Classroom
- ❖ Challenges in Implementation of the Flipped Classroom Model: Indian Scenario
- ❖ Empowering Self for E-Learning Challenges
- ❖ Case Study/ Virtual Lab Demo on E-Learning
- ❖ Reviewing/Assessment- In Online Learning
- ❖ Government Policies/Role for Online Education
- ❖ Entering the Silent Zone



## Experts:

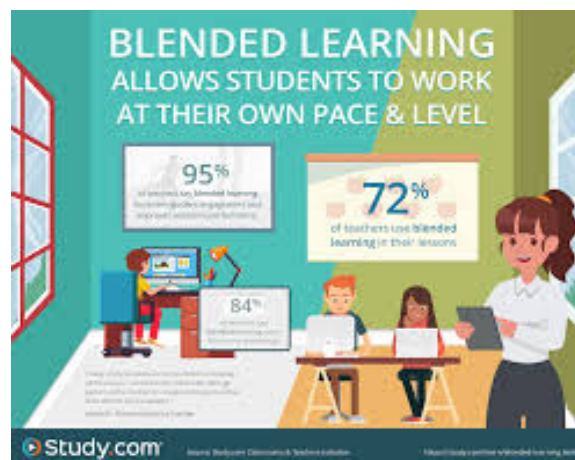
The resource persons for the program shall include faculty members of the host institute, NITTTR, IIT's, National Skill Training Institute, Bangalore, and few experts from reputed organizations/industries dealing with the resources related to the online classroom.

## Eligibility of participants:

The faculty members of the AICTE approved institutions, research scholars, PG scholars, participants from Government, Industry (Bureaucrats/ Technicians/ Participants from Industry, etc.) and staff of host institutions are eligible to attend the program

## About program fees:

There is no registration fee to attend this program. Participants willing to participate in this online FDP should have the provision of laptop/desktop with good quality internet connections and other audiovisual facilities, as required for online training.



## Registration procedure:

- Participants interested to attend this program need to make compulsory online registration on the below-mentioned link:

<https://atalacademy.aicte-india.org/signup>

- Shortlisted candidates will have to get informed through their ATAL profile so they have regularly visited it.
- Online test will be conducted on the last day, and those who score more than 60% marks will be termed as successful candidates. Those who have attended 80 % or more complete sessions and score more than 60% in the test will be issued a digital certificate by the ATAL Academy.

## Address for correspondence:

Dr. M. H. Bade/  
Dr. V. D. Kalyankar/  
Dr. A. V. Doshi  
Program Coordinators,  
Mechanical Engineering Department,  
S. V. National Institute of Technology, Surat –  
395007, Gujarat, India.

Email: [blfc.svnit@gmail.com](mailto:blfc.svnit@gmail.com)