

## CHIEF PATRONS

Hon. Prof. M. N. Navale	President, Sinhgad Technical Education Society
Hon. Dr. Sunanda M. Navale	Secretary, Sinhgad Technical Education Society
Hon. Mrs. Rachana Navale-Ashtekar	Vice-President (Admin), Sinhgad Technical Education Society
Hon. Mr. Rohit M. Navale	Vice-President (HR), Sinhgad Technical Education Society
Hon. Mr. Sanjay S. Navale	Jt. Secretary, Savitribai Phule Shikshan Prasarak Mandal

## ADVISORY COMMITTEE

Dr. K. J. Karande.	Principal, SKN Sinhgad College of Engineering, Pandharpur, India
Dr.S.G.Kulkarni.	Vice Principal, SKN Sinhgad College of Engineering, Pandharpur, India
Dr.S.S.Kulkarni.	HOD, Mechanical, SKNSCOE, Pandharpur
Dr. S.S.Kadam.	HOD, Civil, SKNSCOE, Pandharpur
Prof.N.M.Sawant	HOD, Computer, SKNSCOE, Pandharpur
Prof.S.P.Ganjewar	HOD, Electrical, SKNSCOE, Pandharpur
Prof.S.V.Surwase	HOD, E&TC, SKNSCOE, Pandharpur
Prof.A.I.Nikam.	HOD, General Science, SKNSCOE, Pandharpur
Dr.S.G.Deshmukh	Dean Publication, SKNSCOE, Pandharpur
Dr.A.O.Mulani.	IQAC Coordinator, SKNSCOE, Pandharpur

## ORGANIZING COMMITTEE

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|------------------------|----------------------|
| ▪ Prof.S.R.Koli        | ▪ Prof.N.L.Phule     |
| ▪ Prof. P. P. Kulkarni | ▪ Prof. U.S. Gholap  |
| ▪ Prof. R.V. Dhokate   | ▪ Prof. M.M Katkar   |
| ▪ Prof. H.S. Deshpande | ▪ Prof.A.D.Jadhav    |
| ▪ Prof. S.A.Bansode.   | ▪ Prof.A.S.Kulkarni  |
| ▪ Prof. H.S.Kulkarni   | ▪ Prof.R.K.Shinde    |
| ▪ Prof.S.S.Gangonda    | ▪ Prof.S.H.Gidde     |
| ▪ Prof.R.S.Navale      | ▪ Prof. A.V. Karande |

## WHO CAN ATTEND

- Academician working in UG/PG degree engineering colleges and Polytechnics

## WHY SHOULD ATTEND

It is important how we teach, but how students are learning is more important. Employability of student is no longer just a necessity but it is purpose of survival.

In this FDP, all eminent OBE Practitioners will be delivering the case studies, impact analysis and not just theoretical aspect.

## CHIEF GUEST AND KEY NOTE SPEAKER

Dr.S.S.Mantha	Chancellor, KL University, Vijaywada Ex. Chairman AICTE, INDIA Emeritus Professor at VJTI, Mumbai
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## SPEAKERS

Dr.Mukul Sutaone	Professor and Head COEP, Pune
Dr.P.B.Mane	Principal, AISSMS Institute of IT.
Dr.Rajesh Ingale	Dean and Professor, PICTE, Pune
Dr.A.K.Bewoor	Professor, Cummins COE, Pune.
Dr.Vaibhav Hendre	Professor and Head GHRCOE, Pune
Dr.M.B.Mali	Professor, E&TC Dept SCOE Vadgaon
Dr,V.V.Shinde	Professor, Mech. Dept. ViMEET, Raigad
Dr.P.D.Gawande	Associate Professor E&TC Dept, Amaravati
Dr.H.K.Chavan	Professor, Information Technology

## COORDINATORS

- **Dr.B.S.Gandhare (Mob.9823716144)**  
Dean PG Program, SKN SCOE, Pandharpur, India.
- **Prof.B.S.Admile. (Mob.9158742775 / 8329230232)**  
SKN Sinhgad College of Engineering, Pandharpur, India.

## MODE OF FDP

Online Mode



## One Week FDP

On

**“ Outcome based Pedagogy for Effective Teaching and Learning in Engineering Education ”**

**14<sup>th</sup> -18<sup>th</sup> June 2021**



Organized by

**SKN SINHGAD COLLEGE OF ENGINEERING,**

Korti, Pandharpur, Maharashtra, India.  
(Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur; Approved by DTE, Govt. of Maharashtra and AICTE)

## ABOUT INSTITUTE

SKN Sinhgad College of Engineering is housed in beautiful campus of 20 acres and developed under dynamic leadership of Hon'ble Prof. M. N. Navale. The Institute offers five B. Tech, four M. Tech. and two Ph. D degree courses in Engineering and Technology under Punyashlok Ahilyadevi Holkar Solapur University, Solapur. It also offers five various courses under PMKVY. Since its establishment, the institute has made considerable progress in the field of Engineering education and research. As a result of this, the institute is accredited with 'A' grade by NAAC. The institute ensures the overall development of students through well-defined teaching learning process and skill based activities. Students will have an exposure for experiential learning through value based Education and on-campus projects. The team of faculty members of SKNSCOE are committed to prepare our students as tomorrow's leaders to match the need of fast changing world under the guidance of Dr. Kailash J. Karande, Principal, SKNSCOE. All the laboratories of each departments has modern and state-of-art equipment's with all required hardware's and software's. The fully fledged library with all required reference books, Journals, periodicals. The institute has well equipped hostel facilities, computer centre, hygienic mess and canteen, dispensary, ATM, Gymnasium, etc within the campus.

## ABOUT DEPARTMENT

Mechanical Engineering Department at SKN Sinhgad College of Engineering started its four-year Bachelors program from the academic year 2010-11. The primary focus of our curriculum is to develop leading technical education and research centre in mechanical engineering to produce competent professionals with ethical standards for betterment of industry and society. Our department is imparting quality technical education through effective teaching learning process, faculty empowerment and conducive learning environment. Dept. labs are well equipped, some major equipments are-

- ❖ Stir casting furnace
- ❖ 3D Printer
- ❖ Foldscope
- ❖ Hot press machine
- ❖ Wear test machines
- ❖ Brinell Hardness testing Machine
- ❖ FFT Analyser
- ❖ E-yantra Robots
- ❖ Computerized IC Engines
- ❖ Binocular, Trinocular Microscope

## ABOUT PANDHARPUR

Pandharpur is unique holy place, known as south kashi of India and situated on the bank of Bhima river. The river Bhima is known as Chandrabhaga as it takes the shape of crescent moon near the town. Moreover, city is well known throughout India for God Vitthal. People arrives from all over the country to worship lord Vitthal.



The warkaris start marching from their homes towards Pandharpur in groups called Dindi, about 10-15 lac warkaris visited the city as pilgrims on the occasions of Aashadhi Ekadashi and Kartiki Ekadashi. All the devotees are allowed to touch the feet of the God Vitthal. Vishnupad is a small square shaped platform on the bank of chandrabhaga. This temple houses the footprints of Lord Vitthal.

## ABOUT FDP

Quality of an educational program is determined by student learning outcomes. The Outcomes (Placement, Higher Education and Entrepreneurship) practiced by all participants is required to be Specific, Measurable and attainable. The faculty development programme addresses the need to enhance the knowledge about Outcome-Based Education (OBE) and its implications in teaching, assessment, and evaluation. Awareness on OBE is also crucial to design the courses, specific to societal and industry needs. It also facilitates us to understand the implementation of OBE in NBA Process using various innovative teaching-learning methods.

### Objectives :

1. Create awareness among the faculty of engineering and other professional educational institutions about the Philosophy of Outcome Based Education and the growing importance of delivering Outcome Based Education.
2. Expose and train the faculty participants on the various modern effective teaching learning methods and develop measures that can be used to assess the quality of education provided through the Outcome Based Education model.
3. To improve effective teaching skill through effective use of ICT, and active learning techniques among engineering faculty

## CONTENTS OF FDP

### 1. Outcome Based Education (OBE) :

- Philosophy of outcome based education.
- Taxonomy of Teaching/ Learning and assessing the outcomes.

### 2. NBA- Requirement of quality Engineering Education:

- Vision, Mission, PEO and PSOs and NBA validation Criteria
- Course outcomes and Programme outcomes.

### 3. Writing effective assessment Questions:

- Course Planning
- OBE strategy for improving the structure and quality of assessment

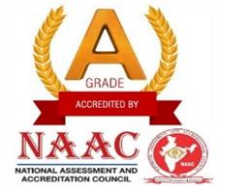
### 4. Active Learning Techniques:

- Learning objectives and aligning assessment to learning objectives
- Active Learning and active learning techniques for the classroom.

### 5. Effective teaching for Engineering Education:

- Effective Use of ICT tools for education and learning
- Faculty information and contribution.

## SKN SINHGAD COLLEGE OF ENGINEERING & INDIAN INSTITUTE OF METALS, PUNE CHAPTER



### Organizes

One Week FDP On

## “ Outcome based Pedagogy for Effective Teaching and Learning in Engineering Education ”

14<sup>th</sup> to 18<sup>th</sup> June, 2021

## REGISTRATION FORM

[Registration Link-](#)

[https://docs.google.com/forms/d/e/1FAIpQLSe8cVj6Oj6Ud5y\\_eGA4ebMzJVhZ4zSDQ3LNr9kH7GLZcMyuk3w/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSe8cVj6Oj6Ud5y_eGA4ebMzJVhZ4zSDQ3LNr9kH7GLZcMyuk3w/viewform?usp=sf_link)

Register for FDP before deadline by using google form

### IMPORTANT DATES:

- Last date for registration **13<sup>th</sup> June 2021**
- Duration of FDP **14<sup>th</sup> to 18<sup>th</sup> June 2021**

### After Registration, guidelines to be followed:

- The participants who have completed registration, they should join Whatsapp group.
- No Registration and certificate fee