

## WHO CAN APPLY?

The programme is open to Faculty members of AICTE approved Institutions, Research Scholars, persons working in industries and R&D organizations.

## REGISTRATION DETAILS:

- The registration is based on first come first served basis.
- Google Meet link will be provided by E-Mail, to the selected participants ONLY.
- NO REGISTRATION FEE.

### REGISTRATION LINK

<https://forms.gle/bmAmnYQiaD7t91wz8>

- The online course evaluation will be on Saturday i.e of 28<sup>th</sup> November 2020.
- E-Certificate will be issued only to those participants who have attended the program on all the days and have qualified in the evaluation test.

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Organizing Committee  
All the faculty of Department of Civil  
Engineering



## One-Week AICTE Sponsored Online STTP on

### “Effective Engineering Teaching Practices”

### Part-I 23<sup>rd</sup> to 28<sup>th</sup> November 2020

Organized by

### Department of Civil Engineering

**Prasad V. Potluri**  
**Siddhartha Institute of Technology**  
(Autonomous)  
Kanuru, Vijayawada– 520007

Permanently Affiliated to JNTUK & Approved by  
AICTE, Accredited by NAAC with ‘A+’ Grade,  
All UG Programmes are accredited by NBA under  
Tier-I,  
Kanuru, Vijayawada – 520007.

### *About the Institute:*

Prasad V Potluri Siddhartha Institute of Technology was established in 1998 with a great vision of producing quality technocrats, the college achieved its dream through meticulous planning of the administrators and the strenuous effort of the faculty. The Institution has attained success in creating the zeal for learning in the students. It is permanently affiliated to Jawaharlal Nehru Technological University, Kakinada. As a result of its concentrated efforts to attain quality, it is conferred Autonomous status in 2012. Certified by ISO 9001:2015, the college is accredited by National Assessment and Accreditation Council with A+ grade all UG programs are accredited by NBA under Tier-I.

### *About the Department:*

The Department of Civil Engineering was established in the year 2008 with an intake of 60. Nine batches of students nearly 600 have successfully completed their graduation so far from the department. The average experience of the faculty in the department is 13 years. All laboratories are equipped with state of the art equipment to suit the needs of academia and industry. The department is arranging guest lectures from industry personnel, industrial visits and tours every year to fill the gap between academia and industry.

The department is offering consultancy services in the areas of structural designs, third party proof checking of structural designs and testing of materials for quality. The Department was accredited for Tier-II by NBA in the year 2016 for a period of 3 years (2016-2019) and re-accredited for Tier-I by NBA in the year 2019 for a period of 3 years (2019-2022).

### *Theme of the STTP:*

In engineering education faculty are not trained to teach professional courses. Thus, they learn even the essential principles of teaching through self-practice after joining the job. This leads to a poor in-class learning experience for most students in many courses, except if the teacher has a natural orientation to teaching. This STTP is aimed to introduce the essentials of facilitation of student learning in an interesting way to any faculty of engineering courses.

The program focuses on effective methods of teaching strategies implementable to retain the attention span adaptable for different types of students during the class hours.

This training program will provide many examples and case studies and the participants will be exposed to how to create blended instruction for their students and what to address when designing these experiences. In addition to this, participants will be exposed, how technology tools can foster collaboration while delivering engaging instructional content. They will also learn strategies for assessing students and managing a blended learning classroom.

The main objective of this STTP is to train the engineering faculty to enable them to teach effectively using various teaching pedagogies, effective structuring of classroom instruction, effective implementation of blended learning, use of ICT tools and enabling them to identify the various assessment and feedback practices for effective learning by students.

### *Resource Persons:*

Faculty from NITTTR, Chennai

### *Major Course Contents*

- E-content Development for Higher Education
- Instructional Design for Online Learning
- Learning Management Systems
- Concept Map / and Package the e-Content
- Making of Effective Presentation
- Graphics and Audio Editing Tools
- Blended & Flipped classroom approach
- Virtual Laboratory Instruction
- Creating Rubrics for Assessment

### *STTP Outcomes:*

At the end of the FDP, the participant will be able to

- Identify the pedagogic options to make teaching successful
- Structure the effective classroom instruction for the current generation learners
- Visualize how blended learning provides shift in instruction, roles, and technology integration and implement the range of blended learning models
- Explore various management techniques to create safe and ethical blended learning environments that include social collaboration.
- Integrate the ICT tools in classroom instruction
- Identify the assessment and feedback practices which help students to learn more effectively