

## 6 DAYS ONLINE SHORT TERM TRAINING PROGRAMME (STTP)

### ON ASSESSMENT IN ENGINEERING EDUCATION: A PEDAGOGICAL APPROACH

**STTP slot 1 :** 16/11/2020 - 21/11/2020

**STTP slot 2 :** 14/12/2020 - 19/12/2020

**STTP slot 3 :** 04/01/2021 - 09/01/2021

Sponsored by



All India Council for Technical Education  
Organised by

**DEPARTMENT OF MECHANICAL ENGINEERING**

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**Shri M.V. Muthuramalingam**  
Chairman, Velammal Educational Trust

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**Shri.M.V. M Velmohan**, Correspondent

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**Shri.K.Razak**, Advisor

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## ABOUT THE INSTITUTION

Velammal Institute of Technology is the brainchild of our chairman Shri.M.V.Muthuramalingam, a pioneer in the field of education. The Institution reflects the ideals of its founder and seeks to achieve excellence. It was established in the year 2008 by Velammal Educational Trust. The Institution has been approved by the AICTE, New Delhi and affiliated to Anna University, Chennai. The Institution offers seven under graduate courses in the disciplines of Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Information Technology, Mechanical Engineering, Artificial Intelligence and Data Science, Mechatronics Engineering. The Institution is accredited by the National Accreditation and Assessment Council (NAAC) and its five Undergraduate Program are accredited by National Board of Accreditation (NBA)

Velammal Institute of Technology has competent, motivated, dedicated & experienced faculty members who are determined & distinctive in teaching and research. We strive for academic excellence through personalized attention, proper guidance and counseling. The mentoring system adds effectiveness in the holistic development of the students. It has been serving for a decade and has acclaimed merits both in co-curricular and extracurricular activities. The institution has been consistently ranked top 10 among Anna university affiliated colleges in academics. Nurturing of young talents has been done through various events like innovative project competitions, seminars/symposiums and workshops. The caliber of students are streamlined and framed by preparing them through value added courses, NPTEL courses, MOOCs, BEC program and soft skills training. To encourage our students to excel in academics and to secure university ranks, the management has introduced "Founder Chairman Merit Scholarship". The motto of Velammal is Dedication, Determination and Distinction.

## ABOUT THE DEPARTMENT

Mechanical Engineering Department was established in the year 2011 at Velammal Institute of Technology, Anna University to offer four year degree course with an intake of 60 students. It has since then grown significantly by spreading its academic activities in offering courses at Undergraduate level.

To meet the required Academic standards, quality instruction to students is imparted by the motivated and qualified faculty members providing good academic insights. To provide higher degree of perspective in the concepts of subject content, computers and audio-visual equipment are extensively used. Students are especially trained to meet the current industrial requirements. In order to keep pace with changing needs of educational standards, the department conducts various certification courses by experts from other institute and industries.

The department is equipped with all the necessary laboratories in the field of Thermal Engineering, Manufacturing, Metrology, Dynamics, Mechatronics, CAD/ CAM, Strength of Materials and Fluid Mechanics which helps the students to enhance their knowledge in fundamental science and engineering principles to pursue a successful life and professional career. Students vigorously participating in various contests like Go-Kart Design, RC Racing, Solar Vehicle design etc. since 2012.

## VISION:

To create technically qualified mechanical engineers to meet the demands of industry and also to fulfill the society needs by research and entrepreneurship through innovative ideas.

## MISSION :

- M1:** Preparing efficient and responsible engineers for industry requirements by providing quality education.
- M2:** Encouraging the students to explore their research skills for the career development and higher studies.
- M3:** Empowering students in organizing events to gain experience in team work and leadership qualities.
- M4:** Preparing students for their role as Engineers in the society with an awareness of entrepreneurial, ethical, environmental, economical, safety and quality issues.

## ABOUT AICTE – SHORT TERM TRAINING PROGRAM (STTP)

All India Council for Technical Education (AICTE) was set up in November 1945 as a national-level apex advisory body to conduct a survey on the facilities available for technical education and to promote development in the country in a coordinated and integrated manner. And to ensure the same, as stipulated in the National Policy of Education (1986), AICTE was vested with Short Term Training Program (STTP) intends to conduct faculty trainings through financial assistance from AICTE to enable faculty members in the field of technical education to introspect and learn techniques that can help prepare students for active and successful participants in a knowledge society.

## OBJECTIVE OF THE STTP

Assessment is considered as the most important role in steering the learning process; however we cannot confined to one particular methodology as the best assessment method for a course. An assessment plan helps in selecting the right testing method and decides on the relative weight of each assessment for the final result of a course. This also helps to ensure that the assessment addresses the intended learning outcomes. In addition, it provides a good overview of the test arrangement for a course that will be published in the course manual. This makes an assessment plan a helpful tool for examiners and an important instrument for quality assurance.

## TRAINING TOPICS

- 1 Design an assessment that is constructively aligned (content, level, methods) with the course objectives and activities.
- 2 Apply the quality criteria with respect to validity, reliability and transparency for construction of assessments and assessment items.
- 3 Analyze the assessment output and results, assess the quality of the assessment and make decisions about students' grades accordingly.
- 4 Formulate future improvements for an assessment.

## GUIDELINES

- No Registration fee.
- The mode of STTP is Online.
- The faculty members and research scholars from AICTE approved institutions can participate.
- Number of participants is limited to 60.
- Eligible participants will be selected on First Come First Serve (FCFS) basis.
- E-Certificate will be issued to participants with minimum 80% attendance and 60% score in the test.

## DATES TO REMEMBER

Last date for registration **09/11/2020**

Intimation date: **12/11/2020**

## REGISTRATION

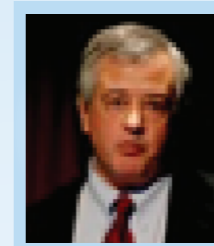
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## RESOURCE PERSONS



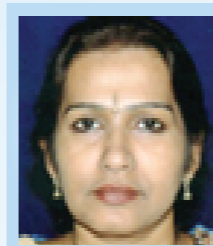
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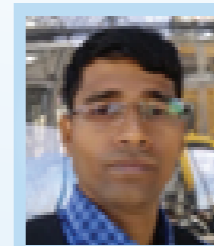
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Professor, Malla Reddy  
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