



VIT[®]

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)



**AMERICAN SOCIETY OF
MECHANICAL ENGINEERS**
(VIT STUDENT CHAPTER)

PRESENTS

A Three Day National Symposium

MECHNOVATE

13TH- 15TH MARCH 2020



In association with

School Of Mechanical Engineering, SMEC

VIT Vellore

Tamil Nadu- 632014

ORGANISING COMMITTEE

Chief Patron

Dr. G. Viswanathan
(Founder and Chancellor, VIT)

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Dr. Jeevanantham A.K (HOD, Manufacturing Engg.) Dr. Bibin John (HOD, Thermal and Energy Engg.)

ASME-VIT Advisor and Convenor

Dr. M. Anthony Xavier
(Professor, SMEC)

Co-Convenor

Prof. Jeyapandiarajan P
(Assistant Professor, SMEC)

Prof. Joel J
(Assistant Professor Senior, SMEC)

Student Organizer

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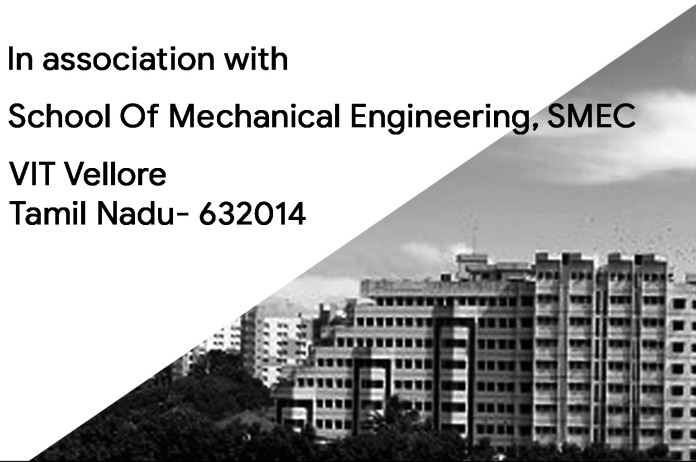
EVENTS

- | | |
|---|-----------------------------------|
| 1) RoboSoccer
(14 th March) | REG.FEES
Rs. 1500/ team |
| 2) Aero Challenge
(13 th March) | Rs. 1500/ team |
| 3) Paper Presentation
(13 th , 14 th March) | Rs. 500/ paper |
| 4) Mech-A-Thon
(13 th , 14 th March) | Rs. 250/ person |
| 5) Tech Expo
(15 th March) | Rs. 500/ project |

WORKSHOPS

- | | |
|--|----------------------------|
| 1) Driverless Autonomous Car Design
(13 TH ,14 th March) | REG.FEES
Rs. 900 |
| 2) Ornothopter Design
(13 TH ,14 th March) | Rs. 900 |
| 3) Furious Five Robotics
(14 th , 15 th March) | Rs. 900 |
| 4) CATIA
(14 th , 15 th March) | Rs. 900 |
| 5) Aerospace Design
(15 th March) | Rs. 500 |

Mechnovate'20 is the perfect opportunity to bring talented students from all across the country in one platform, providing an all round experience, covering all areas of engineering with various technical events and workshop. Mechnovate'20 is going to be one of the biggest annual fest organized by ASME-VIT



About VIT

VIT Vellore, formerly known as Vellore Engineering College, was founded in 1984 under the leadership of Dr. G.Viswanathan at Vellore with the aim of providing quality higher education that was on par with international standards. VIT is a name synonymous with excellence and with four different campus all over India, has emerged out to be an epitome of quality education. Alongside being one of the most sought-after institutions in all of India, it also has the perfect blend of culture and diversity, despite being situated at the heart of south India. Constantly evolving and innovating, VIT keeps on improving the quality of education and culture, constantly achieving new heights.

About ASME-VIT

The American Society of Mechanical Engineers (ASME) is an international organization that brings engineers from various fields of engineering to a common platform to enlighten them about various developments and innovations in the field of engineering. It promotes the art, science and practice of multidisciplinary engineering and allied sciences across the globe. ASME-VIT is the VIT chapter of ASME International which was established in 2010 with the help of officials of ASME India. Ever since its inception in 2013, Mechnovate, the annual symposium conducted by ASME-VIT has been an ever growing success with external participation of more than 1500 students in various workshops, events and conferences

In 2019, ASME-VIT had the honour of hosting ASME's Engineering Festival also known as E-fest. Right from the planning stages to execution, this grand event was organised by ASME-VIT with collaboration with ASME India. ASME's engineering Festivals, known as E-Fests are not just a series of competitions, they are a phenomenon, a breathtaking series of events where students from all over the world get a chance to interact and compete in a healthy environment. E-FEST ASIA PACIFIC 2019 was the biggest of all E-Fests that has ever been conducted so far in the world with a participation of around 3000 students from all over India as well as several other countries along with several industrial experts from across the country.

About Mechnovate

Mechnovate has been a legacy to ASME-VIT since always. Over the years, Mechnovate has played a vital role in uniting engineers from different aspects of engineering, creating a platform for innovation and developments. Right from the IGTI Gas Turbine Conference in 2015 to the grandest Aerochallenge of all times in 2018, Mechnovate has deeper roots in shaping the colleges culture like none else. Comprising of workshops inclusive of Autodesk Inventor, Aerospace Material, Manufacturing and Automotive Designing; Mechnovate '15 even witnessed key note sessions by eminent speakers as great as Emanuele Nicosia. While everyone was still in awe of the 2015 edition, Mechnovate '16 stole the show yet again, leaving

everyone in awe of the series henceforth. With over 2100 participants from more than 45 colleges competing against each other in the most prestigious Human Power Vehicle Challenge, the 2016 edition just left us all spellbound. Another trendsetter for the 2016 edition was the Student Professional Development Challenge (SPDC) which provided them with an opportunity to showcase their ongoing or previously done research through a poster, web page or orally. The fourth edition of the ever successful annual series witnessed a huge amount of participation for three major events- ICMMM, Nexus and a series on Guest Lectures. The next edition i.e. the Mechnovate '18 went on being the most extensively attended Mechnovate, having student participants from some of the most prestigious universities of the nation. RC Baja along with Aero Challenge continue being some of the most challenging events ever organised by ASME-VIT. Students and teams from different colleges challenged each other's strengths, to prove themselves to be the masters of the field. Apart from these technical events, ASME-VIT also included workshops namely Ansys, All About Drones, Automobile Design and Dynamics and E-bike. A perfect blend of work with entertainment, the edition provided a perfect springboard for an even bigger and better Mechnovate '20. Mechnovate 20 is going to be filled with new and exciting workshops along with some nail-biting and knowledge enriching competitions, paper presentations and an amazing tech expo.