

REGISTRATION DETAILS:

Registration Fee : Rs.100/-

Register on-line at

<https://qrgo.page.link/hnaJ1>



Registration is limited and on first come first served basis.

DATES TO REMEMBER

Last date for applying : 10th July 2020

Confirmation to the participants : 11th July 2020

ADDRESS FOR COMMUNICATION

Dr K KARUNAMURTHY & Dr P TAMILSELVAN

Organizing Secretaries,

One day Webinar on Thermal Systems of Next Generation Automobiles (TSoNA 2020)

School of Mechanical Engineering (SMEC)

VIT Chennai, Vandalur - Kelambakkam Road,
Chennai - 600 127.

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Email : tamilselvan.p@vit.ac.in,

karunamurthy.k@vit.ac.in

VIT CHENNAI

VIT for the past 35 years has made a mark in the field of higher education in India imparting

quality education in a multicultural ambience, intertwined with extensive application-oriented research. VIT was established with the aim to provide quality higher education on par with International Standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. VIT was established by a well-known educationalist and former parliamentarian, Dr. G. Viswanathan, Founder and Chancellor, a visionary who transformed VIT into a centre of excellence in higher technical education. **Govt. of India recognized VIT as an Institution of Eminence (IoE).** ARIIA, Govt. of India recognized VIT as a No. 1 Private University for Innovation. MHRD, Govt of India ranked VIT as No.18 among the Engineering Institutions (NIRF-2019 ranking). VIT Chennai is ably spearheaded by Dr. Sekar Viswanathan, Vice President, Dr. Sandhya Pentareddy, Executive Director, Dr. Anand A. Samuel, Vice-Chancellor and Dr. V. S. Kanchana Bhaaskaran, Pro-Vice-Chancellor. They share in the mission to make VIT a global centre. The focus is:

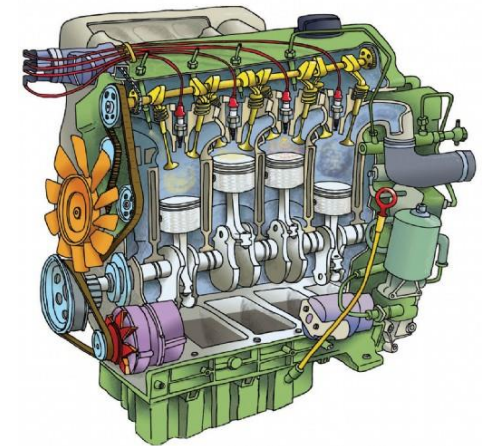
- To maximize the industrial connectivity
- To create Centers of Excellence in contemporary areas of research
- To enrich technological and managerial human capital nurtured in a multicultural ambience
- To provide a common platform for the agglomeration of ideas of personnel from various walks of life for learning enrichment
- To create opportunities and exploit the available resources to benefit industry/society
- To encourage participation in the National Agenda of knowledge building
- To foster international collaborations for mutual benefits in areas of research
- To maximize the Industrial connectivity
To create Centers of Excellence in contemporary areas of research
- To enrich Technological and Managerial Human Capital nurtured in a multicultural ambience



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)
CHENNAI

One day Webinar on Thermal Systems of Next Generation Automobiles (TSoNA 2020)

12th July 2020



Organizing Secretaries

Dr.K.Karunamurthy

&

Dr P Tamilselvan

School of Mechanical Engineering

VIT Chennai

VIT – A Place to learn; A Chance to grow
VIT – Recognised as an Institute of Eminence (IoE)
by Govt of India

ABOUT SMEC

The School of Mechanical Engineering (SMEC) at VIT Chennai was established to impart state-of-the-art education, training, and research in the field of Mechanical Engineering. SMEC provides undergraduate program B.Tech in Mechanical Engineering and postgraduate program M.Tech (CAD/CAM) and M.Tech (Mechatronics) and Ph.D. / M.Tech (Research). The School has qualified faculty members with an excellent theoretical background and valuable industrial experience in diverse fields like Design & Automation, Thermal, CAD/CAM, Manufacturing, Mechatronics, Energy & Environment, and Nanotechnology. The COVID '19 pandemic has shattered the regular academic activities. However, our SMEC team is still able to cope with the challenges and rise to the occasion by arranging the seminars, workshops, and conferences on a digital platform.

ABOUT THE WEBINAR

In recent years the development of thermal engineering systems in automobiles has disrupted the traditional methods, and automation of the systems' operation improved its performance. Thermal engineering plays a vital role in the field of core engineering and research. In that context, the qualitative performance analysis is necessary for meeting the stringent emission norms and United Nations Sustainable Development Goals. To achieve these goals, state-of-the-art technologies are the need of the hour. Advances in thermal systems of automobiles such as RCCI, HCCI, Hydrogen-powered IC engines, Qualitative analysis of engine combustion, CFC free HVAC systems, Modern methods of engine testing, Emission norms and controls are the thrust areas. This webinar emphasizes on in-depth knowledge about the thermal engineering systems of automobiles to carry out the R&D activities.

TECHNICAL SESSION DETAILS



Session I : 10:00 - 11:00
Second Law Analysis of Combustion in IC Engines.

Dr SALEEL ISMAIL
National Institute of Technology Calicut



Session II: 11:00 - 12:00
Sustainable HVAC Systems for Automobiles.

Mr S RAJAMANIKAM
Manager (PDT-R&D)
VALEO



Session III: 02:00 - 03:00
Modern Methods of Engine Testing.

Mr R KIRUBAKARAN
Researcher
RWTH Aachen University, Germany.



Session IV: 03:00 - 04:00
Hydrogen: The Future fuel of Automobiles

Mr BALU JALINDAR SHINDE
Divisional Manager (R&D)
Force Motors



Session V: 04:00 - 05:00
Fuel Economy through Fuels and Engine Oils

Dr A S RAMADHAS,
Sr Research Manager (R&D)
Indian Oil Corporation Ltd



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REGISTRATION FORM

Name :
Designation :
Organization :
Phone :
E-mail ID :
Payment Details :
Unique Transaction ID :
Transaction Date :
Transaction From :
Name of Bank & Branch :

Date:

Signature

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