



AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY VINAYAKA MISSION'S RESEARCH FOUNDATION



(Deemed to be University)
(Declared Under Sec.3 of UGC Act 1956)
(Approved by AICTE, Accredited by NAAC)

Department of Mechanical Engineering

Organizing One Day Workshop on

“ALTERNATIVE FUELS AND ENGINE EFFICIENCY”

04th Oct 2018 - AVIT

ADVISORY COMMITTEE

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HOD- Mechanical, AVIT

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Asst Professor (Gr II)/ MECH, AVIT

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ABOUT AVIT

Aarupadai Veedu Institute of Technology(AVIT) established in the year 1998 ,is an ambit Institution of Vinayaka Mission's Research foundation.It is located on OMR, the IT Corridor of Chennai. Vinayaka Mission's Research foundation is accredited by NAAC. Vinayaka Mission's Research foundation excels in disciplines like Medicine, Dentistry, Paramedical Sciences, Homeopathy, Engineering, Management and Basic sciences through its institutions spread across Tamilnadu and Pondicherry. The college offers Undergraduate, Postgraduate and Research programs in all disciplines of Engineering and Technology. The College has chapters of various professional societies like IEEE CS, IETE, ISTE, IPE, SAE etc., and has signed MOU with several reputed Industries.

ABOUT DEPARTMENT

The evergreen and ever growing mechanical industry witnesses an on-going enormous development in its technology and application methodologies. It has proved its stability even during the economic recession and has also captured the attention of the whole world with some innovative products.

The Department offers a full-time undergraduate course in the Mechanical Engineering, Automobile Engineering and Mechatronics disciplines. The department also offers a part-time under graduate course in Mechanical Engineering. The Department has well-equipped laboratories with state of the art facilities. The department has been organizing a cascade of seminars, guest lectures, workshops, symposia, conferences, industrial visits, in-plant training and inter collegiate programmes from time to time for the benefit of the faculty members and students through its Technical Association – "Association of Mechanical Engineers of AVIT", Engineering Design Collegiate Club (EDCC) and professional bodies like Indian Institute of Metals (IIM).

The department is entrusted with centers of excellence in Alternative Fuels Testing & Research and Bosch Automotive Research. The department has established TARG-Thrust Area Research Group in three major fields of Mechanical Engineering, viz. Materials and Manufacturing Technologies, CAD/CAM, Automotive Research.

The Faculty members and students being members of these groups continuously engaged in the research of the recent developments in Mechanical Engineering domain.

Workshop Agenda

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| 09.30 to 10.00 am | - Inauguration |
| 10.00 to 11.00 am | - Session: 1 - Emulsified Fuels as Alternative Fuels
Dr. A. R. Pradeep Kumar, HOD Mech, Dhanalakshmi College of Engineering |
| 11.00 to 11.15 am | - Tea Break |
| 11.15 to 12.15 pm | - Session: 2 - Hydrogen: Its Technology & Implications as an Alternative Fuel
Dr.Premkarthikumar, Asso Prof, VIT University |
| 12.15 to 01.00 pm | - Lunch Break |
| 01.00 to 01.45 pm | - Session: 3 - Innovative approaches to improve engine efficiency using Biodiesel as Fuel
Dr. M. Prabhakar, Asso Prof, AVIT |
| 01.45 to 02.30 pm | - Session: 4 - Emission – Analysis & Control
Prof S. Sangeetha, Asso Prof, AVIT |
| 02.40 to 03.45 pm | - Session: 5 - Demo on VCR Engine
Mr.B.Samuvel Michael, Asst Prof (Gr II), AVIT |

Spot Registration

Registration Fee: Rs. 200

