

ABOUT THE INSTITUTION

The Karpagam Charity Trust was formed in the year 1989 by Dr. R. Vasanthakumar, industrialist and philanthropist with a mission to provide employable educational facilities to the people of rural and local area to cater to the needs of the poor and to serve the society in general through charitable deeds. Karpagam College of Engineering, an Autonomous institution, was established in 2000, approved by AICTE and affiliated to Anna University, Chennai with eleven UG courses and five PG courses. It is an Institution with an enterprising management, which directs all its efforts towards producing proficient products who are trained to shine in knowledge and character. The College is located 18 kms from Coimbatore railway station.

ABOUT THE DEPARTMENT

The Department of Automobile Engineering was started in the year of 2009. The Department has a team of highly qualified, dedicated and motivated faculty and well equipped laboratories like Automobile Chassis Lab, Engine Components lab, Engine testing Lab, Two and Three wheeler Lab, Automotive Electrical and Electronics Lab, Fuels and Lubricants Lab, Vehicle Maintenance Lab and Fabrication Lab for Advanced Study and Research. The department has established industry institute interaction with reputed automotive industries and various activities are regularly carried out for the benefit of faculty and students.

CHIEF PATRON

Dr. R. VASANTHAKUMAR
Chairman and Managing Trustee,
Karpagam Educational Institutions

PATRON

Shri. K. MURUGAIAH
Advisor, Karpagam Educational Institutions

CHAIR

Dr. P. VIJAYAKUMAR
Principal

COORDINATOR

Dr. J. GANESH MURALI
Professor and Head Department of
Automobile Engineering

ORGANISING COMMITTEE

Mr. P. LAKSHMANAKUMAR, ASP /Auto
Mr. V. KONDUSAMY, AP/ Auto

CONTACT DETAILS

Dr. J. GANESH MURALI
Professor and Head
Department of Automobile Engineering
Karpagam College of Engineering

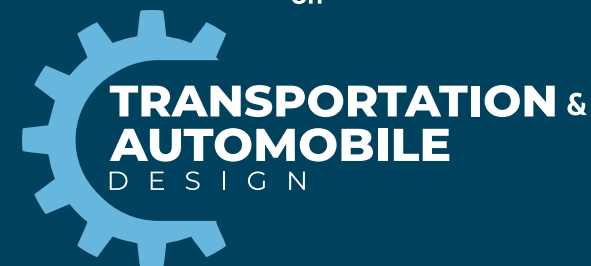
9842159855
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IMPORTANT DATES

Last Date for Submission
15-09-2020
Intimation of Selection
16-09-2020

AICTE TRAINING AND LEARNING (ATAL) ACADEMY

FDP
on



Thrust Area: Design & Media

September
21 to 25
2020

Sponsored by
All India Council for Technical Education
New Delhi



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DEPARTMENT OF AUTOMOBILE ENGINEERING

www.kce.ac.in
Coimbatore – 641032, Tamilnadu

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FOR REGISTRATION

<https://atalacademy.aicte-india.org/signup>



DEPARTMENT OF AUTOMOBILE ENGINEERING

ABOUT THE FDP

Automobile usage is common in everywhere nowadays. The Government of India intend to generate indigenous products with the mission of Make in India and Skill India schemes. This one week faculty development Programme is planned with the same aim to provide the in-depth industry practices to the budding Engineers in various parts of the country. With the above aim the various sessions are planned with eminent resources persons from the respective domain area. The technical sessions will provide knowledge on various industry practices followed in Automobile Manufacturing Industry and in Research aspects.

ATAL ACADEMY

AICTE Training and Learning (ATAL) Academy is established with the vision to empower faculty to achieve goals of Higher Education such as access, equity and quality. AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Government of India, Ministry of Human Resources Development. It understands the need of the training required for youth of Indian nationals in required skills and demand for skilled faculty members in various disciplines. Training is required for increasing the knowledge and skill set of faculties and students to make them more employable to acquire global competencies.

FDP SESSION DETAILS

SESSION	TOPICS
1	Electric Mobility Design Aspects
2	Vehicle Dynamics
3	Challenges for Electric Mobility
4	Body in White Design
5	Product Design
6	Four Wheeler Dynamics
7	Vehicle Design and Development
8	Engine Tuning
9	Design of Chassis frames for two wheelers
10	Introduction to crash investigation
11	Road Safety Engineering
12	Thermal Engineering for Automobiles
13	Electric Vehicle Technology
14	Valedictory

