SAE INDIA
SOUTHERN SECTION

5 Days Online Workshop on Automotive Materials & Metallurgy

April 19-23, 2021

Time: 06 PM -08.00 PM

by

Dr.T.R.Tamilarasan

Registration:
https://forms.gle/DHMVnvd64YBUwBg1A

Faculty Profile

Dr. T.R. Tamilarasan is a citizen of India, born in Tiruvannamalai, Tamilnadu. He received the B.Tech. degree in Mechanical Engineering in the year 2006 from VIT University, Vellore, Tamilnadu, and M.Tech degree in First Class with distinction in Manufacturing Engineering from Annamalai University, Chidambaram, Tamilnadu in the year 2008. He also received M.B.A degree through Distance Education program from the same University in the year 2009. He was awarded Ph.D. from B.S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai, Tamilnadu, India in 2016.

He has 13 years of teaching experience at various levels and presently working as Associate professor in the Department of Automobile Engineering, B.S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai. He has been teaching courses related to Materials Engineering and Metallurgy at B.S. Abdur Rahman Crescent Institute of Science & Technology from 2011. He has published/presented several papers in various national and international journals / conferences. His areas of research interest are Surface coatings (Nano composite), wear, corrosion &adhesion characterization, and composite materials.

Course Content:

* Introduction, Materials Classification - Properties & Application
* Newer/Advanced Materials & Material Selection
* Heat Treatment Processes
* Testing of Materials
* Powder Metallurgy

Outcome

1.Classify commonly used engineering materials and to describe the key properties and applications
2.Identify newer materials for engineering applications
3.Know how to use information sources to select materials for engineering uses.
4.Select and apply appropriate heat treatment practices to modify the mechanical behaviour of various materials
5.Evaluate the mechanical properties of materials under different loading conditions using standard testing practices
6.Analyze the various operations involved in the powder metallurgy technique

Who Should Attend

Students from Engineering College interested in Automobile and Aviation, involved in vehicle aerodynamic design and analyses, etc.

Course Fee

Rs. 500 per delegate for students
(E certificate will be given to those who attend all 5 Days)

Online Account Details

Account Name: SAEINDIA Southern Section Toptech
Account Number : 332506111653
Bank Name & Branch: State Bank of India, Kottur
MICR Number : 600002023
IFSC Code : SBIN0001669
PAN No : AABAS2734H

Contact

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