

ABOUT THE INSTITUTION

SRMIST (Deemed to be University) is one of the top ranking institutes in India with over 50,000 students and more than 3000 faculty across all the campuses, offering a wide range of undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine & Health Sciences, Science & Humanities, Law and Agriculture. Foreign faculty, flexible and dynamic curriculum, exciting research and global connections are the features that set SRM apart. Students have a wide choice of cutting edge programs including nanotechnology, bioinformatics, genetic engineering, remote sensing and GIS, embedded systems and computer forensics to choose from. Over 150 students are sponsored to attend a semester in 35 foreign universities including MIT, Carnegie Mellon, UC Davis, Warwick and Western Australia. SRM is accredited by NAAC with 'A' Grade and is placed in A category by MHRD.

The infrastructure includes over 210 acres replete with a variety of facilities, state-of-the-art labs, libraries, Wi-Fi, knowledge centre, 4000 capacity AC auditorium, 100 smart classrooms, hostels with premium facilities, endless convenience on campus including ATMs, bookstores, dining options, cafeterias, prayer halls, and gyms.

ABOUT THE DEPARTMENT

Department was established in 2004 with a mission, to prepare highly competent Automobile Engineers for global automotive industries through innovative, industry-oriented curriculum and intensive practical training. The department offers two Undergraduate programs (Automobile Engineering and Automobile Engineering with specialization in Automotive Electronics) and one Post graduation program (Automotive Hybrid Systems Engineering in Collaboration with **NFTDC**). Qualified and dynamic young faculty members shape up the millennials for the future. Faculty strength is 37, about 100 research papers have been published in refereed international journals and about 150 papers in international / national conferences in last three years.

Well-equipped and state of the art laboratory facilities such as Automotive Components lab, Vehicle Testing lab, Vehicle Dynamics lab, Machine Shop, Automotive Design lab, Automotive Electrical system lab, Automotive Electronics lab, Electric Vehicle lab, Driving Simulator lab and IC Engine lab are in place. Major areas of research interest are Alternative fuels and Emission Control, Green Vehicle Technologies, Automotive Materials, Vehicle Dynamics and Automotive Design.

The Department is coordinating Seven student Teams of our university - The Conrods (BAJA SAEINDIA), Camber Racing (SUPRA SAEINDIA), 4ZE Racing (Formula Electric), Team Enigmatic Plodder(Quad Bike), Team Infieon Super Mileage(Shell Eco MarathonAsia), Team Full Throttle(Go-Kart Championship) and The TorQ (Tractor Design Competition). These teams have won several awards, rewards and recognitions by participating in National and International events.

The Department of Automobile Engineering at Kattankulathur campus is affiliated to **Automotive Skills Development Council (ASDC)**, Government of India and B.Tech Automobile Engineering course offered is accredited by **The Institution of Engineering and Technology (IET)**, UK in the year 2016.

ABOUT THE WORKSHOP

The phasing-out of asbestos in automotive brake friction materials in many parts of the world has sparked the onset of extensive research and development on safer alternatives. As a result, the brake friction industry has given birth to different brake pads and brake shoes -each with their own unique composition, yet performing the very same task and still claiming to be better than others. This clearly indicates that the selection of brake friction materials is based more on traditional and experimental trial and error basis rather than orientation towards basics / fundamentals

This workshop is creating a platform by bringing the industry experts across the country to share their experience on formulations, testing procedures,

environmental issues and insight in this frontier area that will benefit the beginners in industry and academic researchers.

Note: On the side lines of the work shop, BrakeFriction (Wet/Dry) product display stalls will be set up to showcase the galaxy of the products from various friction manufactures. This will be a unique learning, listening and observing event for all the participants.

SPEAKERS:

Mr. BANDLA MOHAN KRISHNA REDDY

Director
CARWEST MOTORS PVT.LTD
Mehdipatnam, Hyderabad-28.

Topic: Brake friction at a glance

Mr. NIRMALENDU CHATTERJEE

Country Manager
Sales and Program Management
ITT - Friction Technologies
Near World Trade Center, KHARADI, PUNE – 411014

Topic: Brake Pad Friction Scenario in India (PV Segment)

Mr. MURUGESH BALAGURU

Engineering Head & Program Manager - India & Asia
Carlisle Brake and Friction
Saligramam, Chennai, Tamil Nadu 600093

Topic: Evolution of WET FRICTION

Mr. L. RAMASAMY

Consultant – Chassis Brake International
Foundation Brake Manufacturing Pvt. Ltd.
Hadapsar, Pune - 411013, Maharashtra, India.

Topic: Friction Material Behaviour for Automotive Applications

TARGET AUDIENCE

Industry experts, Faculty members, Research scholars and Student members.

ONE DAY WORKSHOP ON

FRICION MATERIALS FOR AUTOMOTIVE APPLICATIONS (FMAA2018)

24th August, 2018

REGISTRATION FORM

Name: Dr/Mr/Ms/Mrs: _____

Academic Qualification: _____

Designation: _____

Organization: _____

Mailing Address: _____

Phone: _____

Mobile: _____

E - Mail: _____

Registration Fee Details:

DD Amount : _____

DD Number : _____

Bank Name : _____

Please fill out the registration form and send it before the due date along with the DD in favour of "The Conrods" payable at Chennai.

Date: _____

Signature _____

CHIEF PATRONS

Dr. T.R. Paarivendhar, Founder Chancellor, SRMIST

Mr. Ravi Pachamoothoo, Chairman, SRMIST

Dr. P. Sathyanarayanan, President, SRMIST

Dr. R. Shivakumar, Vice President, SRMIST

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Dr. S. Ponnusamy, COE, SRMIST

Dr. C. Muthamizhchelvan, Director (E&T), SRMIST

Dr. D. Kingsly Jeba Singh, Dean, SME, SRMIST

Dr. M. Leenus Jesu Martin, HOD, Automobile Engg, SRMIST

REGISTRATION FEE DETAILS

Industry Members : **Rs. 1000**

Faculty / Students : **Rs. 500**

Please fill out the Registration form and send to chandradas.j@ktr.srmuniv.ac.in

IMPORTANT DATE

Last date for registration: **21ST August, 2018**

CONTACT:

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SRM

INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

ONE DAY WORKSHOP ON

FRICION MATERIALS FOR AUTOMOTIVE APPLICATIONS (FMAA2018)

24th August, 2018

Organized by

DEPARTMENT OF AUTOMOBILE ENGINEERING

Convener

Dr. M. LEENUS JESU MARTIN

Professor and Head

Co-ordinators

Dr. J. CHANDRADASS

Associate Professor

Mr. P. BASKARA SETHUPATHI

Assistant Professor (Sr.G)

Department of Automobile Engineering

Faculty of Engineering & Technology

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Kattankulathur - 603203. Tamil Nadu.

In association with

SAEINDIA
SOUTHERN SECTION

Venue : Seminar Hall (First Floor)
Department of Automobile Engineering