

## ABOUT THE WORKSHOP

The friction material formulation is considered as an art, only mastered by the experienced people. Even though, we could get the finger print of all the ingredients, how they work in combination with different properties, in different proportion is still an unresolved phenomenon. This is true especially for those who want to pursue research in the area of friction materials. This workshop aims in providing some hindsight about various ingredients, the significance of their size, shape and properties and how they can be used in the formulation to get optimized properties. This workshop also addresses the harmful ingredients and their environmental impact towards the society. In addition, the various testing procedures and fabrication process for beginners related to friction material will also be addressed

## PARTICIPANTS

- R & D Personnel from Friction Industries
- Faculty members from various Institutions
- Researchers pursuing Research in the area of Friction Materials and final year students.

## REGISTRATION

The registration fee the delegates from academic institutions and industries is Rs. 5000 and can be paid via online payment (NEFT Transfer). The bank details are,

Bank : Indian Overseas Bank, Vandalur  
A/C No : 165701000019388  
IFSC Code : IOBA0001657  
Beneficiary Name : Dept. of Mechanical Engineering

## PATRON

Dr. A. Peer Mohamed,  
Vice-Chancellor In charge,  
B.S. Abdur Rahman Crescent Institute of Science & Technology

## CO-PATRON

Dr. A. Azad,  
Registrar,  
B.S. Abdur Rahman Crescent Institute of Science & Technology.  
Dr. S. Rasool Mohideen,  
Dean (SMS),  
B.S. Abdur Rahman Crescent Institute of Science & Technology

## CONVENER

Dr. H. Siddhi Jailani,  
Head (Dept. of Mechanical Engineering),  
B.S. Abdur Rahman Crescent Institute of Science & Technology

## COORDINATOR

Dr. M.A. Sai Balaji, Asso. Prof.,  
Mr. K. Sathick Basha, Asst. Prof.,

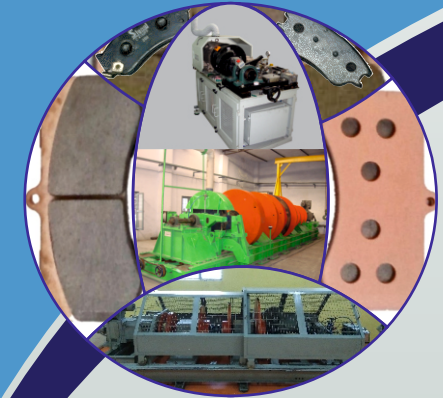
## RESOURCE PERSONS

The STTP will be addressed by friction material formulators, Technical Advisors and Experts in the respective field. From B.S. Abdur Rahman Crescent Institute of Science and Technology, M/s. Pyramid Precision Engineering (India) Pvt. Ltd., and M/s. Steadfast Friction and Carbon Product Ltd.

Five Days (STTP)  
Short Term Training Program  
on

# BASICS OF FRICTION MATERIAL FORMULATION

24<sup>th</sup> to 28<sup>th</sup> February 2020



Organized by

Friction Materials Laboratory  
Department of Mechanical Engineering  
B.S. Abdur Rahman



# Crescent

Institute of Science & Technology  
Deemed to be University u/s 3 of the UGC Act, 1956  
GST Road, Vandalur, Chennai 600 048



## ABOUT THE INSTITUTION



B.S. Abdur Rahman Crescent Institute of Science & Technology (Estd. u/s 3 of the UGC Act. 1956, India), formerly Crescent Engineering College is acclaimed throughout India for its quality in teaching and research. The institution is committed to focus on three dimensions of higher education Viz., quality teaching, innovative research and appropriate applications of knowledge through extension, outreach and consultancy activities. The institution is located on the Chennai - Trichy National Highway, 7km from Tambaram and 2km from Vandalur Railway Station and 17km from the Chennai International Airport.

## VENUE

Conference Hall,  
Department of Mechanical Engineering,  
B.S. Abdur Rahman Crescent Institute of Science & Tech.  
Vandalur, Chennai - 600 048.

## DATES TO REMEMBER

Last date of Registration : 20.02.2020

## CONTACT DETAILS

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Mr. K. Sathick Basha,  
Department of Mechanical Engineering,  
B.S. Abdur Rahman Crescent Institute of Science & Technology,  
Vandalur, Chennai - 600 048.  
Mobile: 94870 38397  
E-mail: frictionmateriallab@crescent.education

## ABOUT THE DEPARTMENT



The department of Mechanical Engineering started in 1984, is one of the oldest department of this Institution. A high degree of professionalism is inducted to the students through student chapters of professional associations such as American Society of Mechanical Engineers (ASME), Society of Automotive Engineers (SAE), Indian Society for Heating Refrigeration and Air-conditioning (ISHRAE) and Society of Mechanical Engineers. The department organizes programmes to provide the students with industrial and practical experience through training and project work in industries to meet the industrial requirements and face real life situations. The Department of Mechanical Engineering offers the following programmes at undergraduate and postgraduate level:

B.Tech. Mechanical Engineering  
B.Tech. Mechanical Engineering (Part Time)  
M. Tech. CAD/CAM  
Ph. D. - Full Time / Part Time



Chase Machine



## REGISTRATION FORM

Five Days (STTP) Short Term Training Program on  
**BASICS of FRICTION MATERIAL FORMULATION**

24<sup>th</sup> to 28<sup>th</sup> February 2020

Full Name : .....  
Qualification : .....  
Designation : .....  
Organization : .....  
Address : .....  
Mobile : .....  
E-mail : .....

### Registration Category:

Academic Institution  Industry

### Details of Registration

Amount : .....  
Online Transfer Ref. No. : .....  
Date of Transfer : .....

### Food Preference

Veg.  Non-Veg.

## CERTIFICATE

Applicant's Signature

Dr. / Mr. / Ms. ....  
..... is working in the  
Department of ..... Engineering in  
our organization / institution and is sponsored to attend the  
programme.

Place: .....  
Date : .....  
Signature of the Sponsoring Authority  
(with seal)