

Department of Aerospace Engineering

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Online Webinar – Automotive Aerodynamics - A domain where Aerospace Engineers can Excel

Date: 10.06.2020

Department of Aerospace engineering and Association of Aeropteryx (AOA) of Periyar Maniammai Institute of Science and Technology, Thanjavur, organized an online webinar “**Automotive Aerodynamics - A domain where Aerospace Engineers can Excel**” on **10/06/2020** from 4.00 pm to 5.00 pm.

Dr.B.T. Kannan, working as a Assistant Professor (Research) SRMIST in Chennai, delivered this webinar. Mr. R.K. Muthuraman, HoD, Department of Aerospace Engineering, introduced resource person to the participants with a hearty welcome. During his webinar, he added many points about the automotive industry as well as the aviation industry which will be useful for aerospace engineers. He gave lots of ideas to the participants to make models on their own for study and research purposes. Also, he insisted the importance of CFD and Flow Measurements in Automotive and Aerospace field. The session was fully informative.

He also gave clear cut ideas where an Aerospace Engineer can work in various automotive industries and their roles. Totally 85 participants including faculty members participated in webinar through Google meet app. Mr. Pathan Khalid Khan (Student- III Aerospace) PMIST proposed the vote of thanks.

DEPARTMENT OF AEROSPACE ENGINEERING, PMIST
&
ASSOCIATION OF AEROPTERYX (AOA)
Proudly presents

Online Webinar

**"Automotive Aerodynamics
A domain where Aerospace Engineers can Excel!"**

Dr. B. T. Kannan
Research Assistant Professor
SRMIST, Chennai

10 JUNE 2020
Lecture will held from 4 PM to 5 PM
Registration Link:- <https://forms.gle/pLUpjQ86nYZsdq9Q96>
For queries Contact:- Khalid Khan (+91 9989984229)

meet.google.com/dqq-ahma-uqo?authuser=0

4:35 PM

Drag Measurements - Results

Parameter	Value
Drag Force = $\rho V^2 A C_D$	0.4902N
Density = 1.225 kg/m^3	0.4903
Flow Velocity = 10 m/s	$1.225 \times 10^2 \times 0.0004$
Cross Sectional Area (Cross Area) = 0.0004 m^2	$C_D = 0.5548$

Drag (Newton) Drag (Newton) Coefficient of Drag

0.49 0.55

Participants: KANNAN B T, victor Richardson, Khalid Khan, Rohan Gooty, augustin ebinesar, bargana ajis and 50 more

Webinar on "Automotive Aerodynamics - A do..."

15:35 10-06-2020

Dr. B. T. Kannan interacting with participants in Question & Answer session