



ACS COLLEGE OF ENGINEERING

Kambipura, Mysore Road, Bengaluru – 560074.

Department of Aerospace Engineering

Report for rocket propellant preparation workshop

Name of the Event	:	Workshop on “Rocket Propellant Preparation”
Resource Person	:	Mr. M. Ravi Shankar (Expleo Technologies India Pvt Ltd)
Date & Time	:	23.11.2019 & 10.00 AM to 5.30 PM
Venue	:	Seminar Hall – 4 and Propulsion Lab, ACSCE.
No. of Participants	:	29 (ASE), V Semester Students + Three AS Faculty.

About the Visit

The Seminar titled “Rocket Propellant Preparation” was organized to enrich the knowledge of Aerospace students to get exposure on propellant preparation.

The program was started at 10.00 AM with the welcome speech by HOD/AS and followed by introduction of the resource person Mr. M. Ravi Shankar by J. Siva, Asst. Prof. ASE. The resource person handled an interactive session about the fundamentals of rockets propulsion, types of propellants, compositions, adiabatic flame temperature calculations and nozzle design. The resource person shared the information about the importance of the following aspects.

Burning rate measurements of the propellants
Different composition of propellant preparation
Ignition delay

In between interaction with students and questionnaire to test the ability of students and the resource person motivated the students to enrich their skills through different case studies as it’s still beginning vast domain. The students were expressed that this workshop was highly useful to them to develop their career in aerospace field. Finally, the workshop was ended with vote of thanks by Ms. Sushmitha Asst. Prof.



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Sample photos of rocket propellant preparation workshop

