Sardar Vallabhbhai Patel Institute of Technology, Vasad

Aeronautical Engineering Department

# Date: 11/05/2020

**Report of Webinar on**

# “CONFIGURATION AND DYNAMICS OF SPACE SHUTTLE”

Aeronautical Engineering Department had organized webinar on **“Configuration and Dynamics of Space Shuttle” May 10, 2020** for all aeronautical engineering students. The Expert, Mr. Pon Maa Kishan A, Assistant Professor, Aerospace Engineering, Chandigarh University addressed the session. This webinar was organized from 11:00 a.m. to 12:30 p.m. Approximately 50 participants were benefitted from the Webinar.

The following points were highlighted during the session.

* Winged re-entry vehicles (RV-W’s)
* Re-Usable Launch Vehicle - ISRO
* Space Shuttle Orbiter
* Vehicle Flyability and Controllability
* Flap Deflection Modes during Hypersonic Flight
* Onset Flow of Aerodynamic Trim and Control Surfaces
* Thermal – Mechanical Fluid – Structure Interaction

# Photographs of Events:

The overall session was very fruitful and informative. Thank You & Regards

Faculty Coordinator

Aeronautical Engineering Department Prof. Dhruvin Shah

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H.O.D.

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