



Sardar Vallabhbhai Patel Institute of Technology, Vasad

Aeronautical Engineering Department

Aeronautical Engineering Department of SVIT-Vasad has organized industrial visit on 16/09/19 to 20/09/19 to Air force Station Kanpur and on 21/09/19 to IIT Kanpur along with 41 students of TY B E Aeronautical. We had planned to visit Airframe Overhaul and maintenance division both mechanical and avionics, Quality Assurance Service, Loom bay, Non Destructive Testing, Daily Servicing Section, tool room, Engine Section Overhauling and Engine Test house. Also they delivered expert talk on Indigenous components, overview of systematic working plan of 1BRD and 4BRD (Base repair depot).

The students were exposed to the following at Airframe Overhaul and Maintenance division:

- Current practices in the Air force of Overhauling and Maintenance of AN-32 aircraft.
- Different types of avionics equipment used in AN-32 aircraft.
- Assemble and disassemble of different types of components like landing gear, Wing, horizontal and vertical tail.

The students were exposed to the following at IIT Kanpur:

- National wind tunnel facility has been visited in IIT Kanpur which is closed circuit and very large wind tunnel which can accommodate a big object for testing like small scale Aircraft structure, aircraft parts, huge buildings, Chimney which analyses air pressure surrounding test object.
- Also we have visited Flight lab in which we learned and see small aircraft like piper, Hindustan Jet trainer, Cessna, Engine less Glider having capacity of passenger 1 to 6 person, and learned basic parameter of all the aircraft available in flight lab. Also interaction with our college alumini students Sanjay, Aakash, and Jatin doing their master in IIT Kanpur.

Some of the photographs of visit are as under:



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