



OMAN AIRCRAFT CONTROL COLLEGE

Final year students of Electronics and Communication Engineering in Waljat College of Applied Sciences visited the Oman Aircraft Control College (OACC) which is an authorized Air Navigation Training Center approved by Oman Air Safety regulator. OACC provides civil ATC and Military courses.

During the visit the students got an opportunity to see ATC Radar Simulation where in synthetic life-like situations are created for the simulators to know the position and co-ordinates of planes of various airlines. The screen shows various planes at different heights, Air Defense Simulation where military simulators locate the position of enemy flights in the vicinity and intimate the pilots to go and physically confront them.

They also saw Pilot Simulation, where pilots are being given instructions from the ATCs and they follow the scenarios, and ATC Tower Simulation in which there were 5 panels covering a wide-angle display of the surrounding which gave almost a life-like feel of what the view from the tower looks like, said Ms Priya.

The students were taken into live classrooms and were shown how the pilots and the ATC communicate with each other. They were also given a chance to see the simulations which showed the runway environment in various climatic conditions like in rain and snow along with night and day time.

The industrial visit to the OACC was a great experience for students. It facilitated learning and understanding of a different field for the students and also made them aware of the workings of the aircraft control environment from both the ATC and the pilot's perspective. The students are grateful to the college for organizing this visit.

The students were accompanied by Ms. Priya Rajan and Mr. Mohammed Wadalla, faculty members of Department of Electronics and Communication Engineering to Oman Aircraft Control College.