



GIKI STUDENT BRANCH

PAKISTAN AERONAUTICAL COMPLEX KAMRA VISIT



BRIEF DESCRIPTION OF PAC KAMRA

Pakistan Aeronautical Complex is situated 70 kilometers from Islamabad near Attock city. Complex houses four aviation factories and is spread over 10 square kilometers. Over 10,000 employees support the role and task of PAC Kamra. It is governed by an autonomous body known as PAC Board. The Board comprises the Chairman and five members. In addition to exercising executive control over the Board, the Chairman directs and guides functioning of all the four factories of PAC which are headed by respective managing directors.



PAC offers type specific and general engineering services to the Defense Forces of Pakistan and to our friendly country customers. Type Specific Services include aircraft, engines, air borne & ground based radars and their associated components MRO. General Engineering Services include calibrations, heat & surface treatments, Non-destructive inspections, high and low end parts manufacturing, composite & rubber parts manufacturing, PCB stuffing, environmental testing, PCB designing etc.

ASHRAE GIKI CHAPTER VISIT TO PAC KAMRA

ASHRAE GIKI organized the trip to the PAC karma to enable the students of the institute to explore the defense capabilities of the nation and the role of engineers in it. The sole purpose of the visit was learning the engineering techniques involved in the different sector of the aircraft industry. Therefore in accordance with the visit we saw all four of the factories and the technical facilities there, briefing was given by the officer in charge about the different steps involved, from the overhauling of the aircrafts i.e. Mirages, JF TTHUNDER 17, K7 trainer jets and also the control room of JF fighter plane was also shown to the students and the detail briefing on the avionics of the plane was given.

We learnt a lot from our visit about the different process involved to keep an air jet in good health and overhauling plays an important part as every nut and bolt is cleaned, analyzed, and repaired for the aircraft to be in flying condition. More over every aircraft needs to be overhauled after its flying hours or time span is completed.

Mission of PAC Kamra is to make sure the air defense of the nation is in good health and always ready to fight the enemies.

