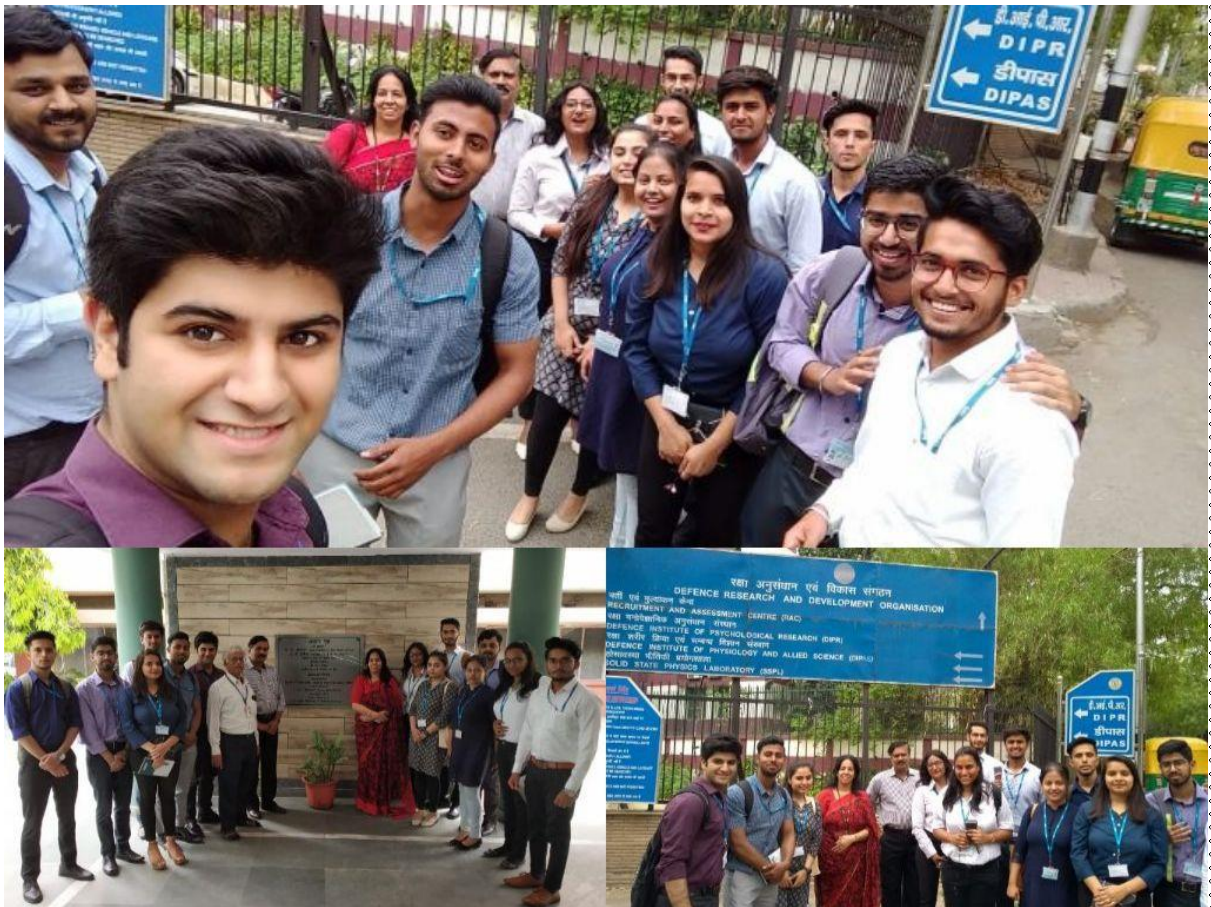


INDUSTRIAL VISIT**DEFENCE RESEARCH AND DEVELOPMENT
ORGANISATION (DRDO)**

Aim of the Industrial visit to DRDO was to give the exposure of industry to students with the objectives to impart practical knowledge of scientific machines, get ideas about defence weapons in our country, disclosure of military development and invention of micro devices using semiconductors.

After an introduction with the scientists over there. DRDO's achievements were showcased including weapons, tanks, missiles named Agni(I,II,III,IV), Prithvi(I-V) and Nirbhaya and many others, SSPL (SOLID STATE PHYSICS LABORATORY) eg- GaAs(gallium arsenic)



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infrared devices, transistors, amplifiers, large scale integrated circuits and many other semiconductor devices.

There was a visit to a manufacturing lab and we met many Scientists who were working there on the scientific machines. We saw many machines there which were capable enough to do many useful works such as detecting the structure of the microparticle using x-rays in a diffraction pattern, creating the vacuum for the bombardment of the electron.

In a visit to the solid-state research lab, we saw the various instruments attached to the satellites and shows different behaviour in different circumstances in increasing/decreasing temperature, pressure and etc. and we also saw the V-I characteristics graph of transistors.

It was a wonderful industrial visit experience with great learning.