

DRDO Antenna Test Range facility



Defence Avionics Research Establishment [DARE], a Premier Laboratory of Defence Research and Development Organisation (DRDO) based in Bangalore, has developed an indoor Antenna Test Range facility to characterize both the Electronic Support Measure [ESM] and Electronic Counter Measure [ECM] antennas, which are first of its kind in India. Mr M Natarajan, Scientific Advisor to

Defence Minister, inaugurated this facility recently in the presence of Dr. Prahlada, Chief Controller, DRDO and Dr. U.K Revanker, Director, DARE, Bangalore.

The facility covers a wide range of frequencies for pattern characterisation with a unique capability to measure direction finding accuracy also. It is also capable of characterizing antennas for radiation patterns, beam peak,

beam with width and directivity.

The chamber is completely tested by DARE experts and is now fully operational. Keeping in mind the signals that would be received and transmitted by electronic warning antennas similar to sun rays, the facility is named as UdayKiran. It may be recalled here that a few days ago this lab had successfully developed upgradation of avionics system for mig-27 aircrafts indigenously. ■