

ECE students visit to CVRDE, Indoor Exhibition at Avadi, Chennai

Combat Vehicles Research and Development Establishment (CVRDE) is one of the Defence organization under Defence Research and Development Organization (DRDO), Government of India located at Avadi, Chennai. Combat Vehicles Research and Development Establishment (CVRDE) in avadi had conducted an indoor exhibition for students on behalf of their Ruby Jubilee Celebrations. The objective of organization is to develop the Vehicle Research & Development Establishment (VRDE).

With 40 exciting years of dedicated effort in Research & Development activities, CVRDE has laid foundation for building state of the art weapon platforms for the Indian Army. In order to observe four decades of the technological contributions made to Indian Defence. CVRDE has developed many Armoured Fighting Vehicles (AFVs) and its variants during the period spanning 40 years. Distinguished products of the recent past are which is the flagship product of CVRDE, DRDO and our Nation. The ARJUN MBT, the brain child of CVRDE has been designed to meet Indian Army's most tough requirements and provides high Mobility, superior Firepower, enhanced Protection and crew comfort. Two regiments of ARJUN MBT Mk-I have been inducted into Army. Based on the expertise gained, ARJUN MBT Mk-II has been developed successfully with enhanced performance as a superior weapon platform. The other armoured fighting vehicles developed by CVRDE which have gone into production are Armoured Patrol Car, Armoured Recovery Vehicle, 130 mm SP gun- Catapult on Vijayanta, Carrier Mortar Tracked Vehicle, Carrier Command Post Tracked and Missile Carrier Vehicle for Integrated Guided Missile Development Programme, Bridge Layer Tank (BLT-72), Combat Improved Ajeya and Armoured Ambulance. CVRDE has also successfully developed based on BMP –II platform for surveillance, NBC investigation and Mine detection. For the CVRDE has developed Aircraft Mounted Accessory Gear Box (AMAGB), Aircraft Bearings, PTO Shaft, CVRDE has also enhanced its infrastructure through creation of test facilities for Engine and Combat Vehicles Research and Development Establishment (CVRDE) Defence Research and Development Organization (DRDO) ARJUN Main Battle Tank (MBT) Unmanned Ground Vehicle (UGV) Light Combat Aircraft (LCA) Tejas Ruby Jubilee 5kW Brushless DC Generator and Hydraulic Filters. At the end we saw a live action demo of Arjun MBT 2 tank which is the most entertaining part of the exhibition.

The 25 students and five faculty members (K.Kalaiselvi, S.Sudha, Pricillamary.S, Anbinsoji, Amudhapriyadharshinee) have visited to CVRDE. I would like to extend my gratitude to management & principal for giving this opportunity visit to CVRDE Indoor Exhibition at Avadi, Chennai.

