

**GOVERNMENT OF INDIA
DEFENCE
LOK SABHA**

UNSTARRED QUESTION NO:2838

ANSWERED ON:15.03.2010

PARTNERSHIP OF DRDO FOR DEVELOPMENT OF PRODUCTS

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Will the Minister of DEFENCE be pleased to state:

- (a) the technologies/equipment developed by the Defence Research & Development Organisation (DRDO) during the last three years;
- (b) whether the DRDO is planning to expand partnerships with academia and industry for the design and development of products for the Armed Forces and also collaborate with Federation of Indian Chambers of Commerce & Industry (FICCI) for commercialization of the developed technologies;
- (c) if so, the details thereof and the expenditure incurred and achievements made in this regard;
- (d) whether the DRDO has identified the areas for collaboration;
- (e) if so, the facts thereof; and
- (f) the facilities proposed to be provided to the students for research work?

Answer

MINISTER OF DEFENCE (SHRI A.K. ANTONY)

(a) Defence Research and Development Organisation (DRDO) has developed a number of technologies/equipment during the last three years. These include missiles; unmanned aerial vehicle; electronic warfare systems; avionic systems; radars; sonars; combat vehicles; remotely operated vehicles; bridges; gyroscope; infrared seeker; sensors; NBC decontamination suites; parachutes; propellants and explosives; detonators; grenade launcher; rifles; composite materials; fuel cells; paints; data processing; antennas; communication systems; signal processing; guidance and control systems, etc.

(b) to (e): Yes, Madam. At present, more than 400 private industries are associated with DRDO projects to develop systems/sub-systems/products to be used by the Services. Knowledge sharing is being done with academia in the form of extramural research for basic and directed research. DRDO has entered into an MoU with FICCI for commercialization of DRDO developed technologies for potential civilian market. More than 200 technologies are being assessed under this MoU. DRDO has entered into a contract with FICCI for Rs.4.50 Cr and 6 technologies have been successfully commercialised so far.

(f) DRDO laboratories extend its facilities for students for research work in non-sensitive and non-strategic areas.