

**GOVERNMENT OF INDIA  
SCIENCE AND TECHNOLOGY  
LOK SABHA**

UNSTARRED QUESTION NO:1305  
ANSWERED ON:10.12.2003  
DEVELOPMENT OF ROBOT  
BHAWANA GAWALI (PATIL)

**Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:**

(a) whether the Central Marine Engineering Research Institute (CMERI) Durgapur has developed a robot namely 'ROB-200MK-2' which can be used for exploration under the sea ; and

(b) if so, the details thereof ?

**Answer**

MINISTER OF STATE FOR SCIENCE AND TECHNOLOGY (BACHI SINGH RAWAT)

(a)&(b) : Yes Sir. Central Mechanical Engineering Research Institute (CMERI), Durgapur has developed a Remotely Operated Vehicle (ROV-200 MK-II) which has been tested successfully for underwater operations up to a depth of 200 meters off Chennai coast with support from National Institute of Ocean Technology (NIOT), Chennai. ROV consists of an open frame structure with cylindrical buoyancy packages, landing pads, a sub-sea control box, underwater sensors, a camera system and five A.C. thrusters. It has a payload of 60 Kg. (maxm. ) and a propulsion speed of 2.0 knots.