

GOVERNMENT OF INDIA  
MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 270**  
ANSWERED ON 04.02.2020

**CENTRES OF EXCELLENCE**

270. SHRIMATI APARAJITA SARANGI:

Will the Minister of HEAVY INDUSTRIES AND PUBLIC ENTERPRISES भारी उद्योग एवं लोक उद्यम मंत्री be pleased to state:

(a) whether the Government has SET UP Centres of Excellence in advanced manufacturing in the country, so far and if so, the details thereof;

(b) the details of new Centres of Excellence proposed to be opened by the Government in the next two years along with the purpose and main functions of these centres of excellence; and

(c) the manner in which the manufacturing advancements in these centres of excellence would be transferred to private industries?

**ANSWER**

**THE MINISTER OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES**  
**(SHRI PRAKASH JAVADEKAR)**

(a) to (c): Under the Scheme for “Enhancement of Competitiveness in the Indian Capital Goods Sector”, eight Centres of Excellence (CoE) have been set up at:

- (i) IIT Madras, Chennai, Tamil Nadu for development of eleven advanced technologies for Machine Tools and Production Technology.
- (ii) The Central Manufacturing Technology Institute (CMTI), Bangalore, Karnataka, for the development of shuttle less rapiers looms for the Textile sector.
- (iii) The Heavy Engineering Corporation (HEC), Ranchi, Jharkhand, for development of a 5 cubic metre Hydraulic Excavator
- (iv) IIT Kharagpur, West Bengal, for development of seven Manufacturing Technologies relating to Steel Industry, Robotics, Additive manufacturing and Smart manufacturing
- (v) PSG College of Technology, Coimbatore, Tamil Nadu, for development of three new Welding Technologies including welding Robots
- (vi) Si'Tarc, Coimbatore, Tamil Nadu, for development of high speed Smart Submersible (six inch) Pumps
- (vii) IISc, Bangalore, Karnataka, for development of Additive Manufacturing for high performance metallic alloys through electronic beam process
- (viii) IIT Delhi, New Delhi, for development of in process robotics for Textile Machinery.

These Centres of Excellence are run in partnership with Industries. The technologies developed at these CoEs are being commercialized by the Industry Partners who have the first right to commercialize under the Scheme.

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