

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES AND PUBLIC ENTERPRISES
DEPARTMENT OF HEAVY INDUSTRY

RAJYA SABHA
UNSTARRED QUESTION NO. 2581
TO BE ANSWERED ON 09.08.2018

Centre of Excellence at IIT Madras

2581. DR. R. LAKSHMANAN:

Will the Minister of HEAVY INDUSTRIES AND PUBLIC ENTERPRISES be pleased to state:

- (a) whether a Centre of Excellence (CoE) for Machine Tools at Indian Institute of Technology, Madras has been established for development of machine tool technologies;
- (b) if so, the details thereof;
- (c) the details of industries/industrial establishments engaged with this Centre; and
- (d) the details of contribution made by the Centre in domestic capital goods sector?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF HEAVY INDUSTRIES AND PUBLIC ENTERPRISES (SHRI BABUL SUPRIYO)

(a) & (b): Yes Sir. a Centre of Excellence for Machine Tools and Production Technology has been setup at IIT-Madras, Chennai, Tamil Nadu under the scheme for "Enhancement of Competitiveness in the Indian Capital Goods Sector"

(c): Currently, this Centre of Excellence is engaged in developing eleven technology development projects related to the machine tool technology in partnership with six machine tool industries. The details of the projects with the respective industries are as follows:

S No	Details of Technology Development	Partner Industry
1	5-axis CNC Multi-Tasking Machine	Jyoti CNC Automation Ltd, Rajkot
2	5-axis CNC Universal Machining Centre	
3	Hydrostatic Systems for Machine Tool	Micromatic Grinding Technologies, Ghaziabad
4	Automation of Grinding Process Intelligence	
5	Orbital Motion Abrasive Cutting of Metal	Chennai Metco Pvt Ltd, Chennai
6	Direct Drive Automatic Abrasive Cut off Machine	
7	Multi-Station Robotic Grinder and Polisher	
8	Ultra-precision Micro Machining Centre	MTAB Engineers Pvt Ltd, Chennai
9	Low Cost Machine Tending Robot	
10	Thermal Compensation strategy for CNC Lathes	Ace Designers Ltd, Bangalore
11	5KW drives and 25 KW Spindle drives for Machine tool applications.	Interface Design Associate Pvt Ltd, Thane

Presently, these projects are at different stages of development.
