GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
DEPARTMENT OF HIGHER EDUCATION

LOK SABHA
UNSTARRED QUESTION NO. 3518
TO BE ANSWERED ON 21.12.2015

Launch of e-LSI

3518. SHRIMATI POONAM MAHAJAN:

Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) the salient features of e-Yantra Lab setup Initiative (e-LSI) and the amount of funds that are required by the colleges to set up the same in the country;

(b) the number of colleges that have implemented e-LSI, State-wise; and

(c) the details of benefits accrued to the colleges?

ANSWER

MINISTER OF HUMAN RESOURCE DEVELOPMENT
(SMT. SMIRTI ZUBIN IRANI)

(a)   The e-Yantra Lab Setup Initiative (e-LSI) builds an eco-system in colleges for students to get hands-on practical experience implementing innovative projects in Embedded systems and Robotics mentored by their own teachers. A three-pronged approach is used to achieve this goal:-

(i) College commits a team of 4 teachers and Rs. 2 lakhs to set up a robotics lab.

(ii) Teacher teams from colleges in a region are trained through a two-day workshop by e-Yantra team with help of a Nodal Center (NC) in that region.

(iii) Teacher teams participate in a step-by-step Task Based Training (TBT) that trains the teachers in a Project Based Learning mode over 3-4 months through the Internet.

By the end of TBT, a college procures the equipment and robotics lab is setup. e-Yantra provides 3 robotic kits to each college and 5 robotic kits to a Nodal Center (NC).

(b)   Under the e-Yantra Lab Setup Initiative (e-LSI), Labs have been established in 120 colleges. State wise details are given at Annexure-I.

(c)   e-Yantra Lab Setup Initiative (e-LSI) supports infrastructure at colleges by providing a platform for training teachers both in theory and application of Robotics. Training Students through hands-on project is imperative in producing successful innovators and entrepreneurs. Creating the infrastructure with labs and trained teachers provides competitive advantage to colleges in attracting talented students.

Annexure referred to Part (b) of the Lok Sabha Unstarred Question No. 3518 to be answered on 21.12.2015.

Sl. No	Name of State	No of e-LSI labs established
1.	Andhra Pradesh	05
2.	Delhi	09
3.	Gujarat	01
4.	Haryana	01
5.	Karnataka	07
6.	Madhya Pradesh	04
7.	Maharashtra	33
8.	Punjab	02
9.	Tamil Nadu	45
10.	Uttar Pradesh	08
11.	West Bengal	05
	Total	**120**

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