

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO.1774
TO BE ANSWERED ON 13/2/2019**

NATIONAL SCIENCE AND TECHNOLOGY ENTREPRENEURSHIP DEVELOPMENT BOARD

**1774. DR. HEENA VIJAYKUMAR GAVIT:
SHRIMATI SUPRIYA SULE:
SHRI SATAV RAJEEV:
DR. J. JAYAVARDHAN:
SHRI MOHITE PATIL VIJAYSINH SHANKARRAO:
SHRI DHANANJAY MAHADIK:**

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:

- (a) whether any assessment has been made on the performance of 'National Science and Technology Entrepreneurship Development Boards' in the country;
- (b) if so, the details and the outcome thereof;
- (c) the details of institutions set up/ assisted under institutional mechanism under the project;
- (d) the details of training programmes conducted during the last three years by the Boards under various programmes;
- (e) whether some outside agencies have been engaged for conducting the training programmes; and
- (f) if so, the details thereof alongwith the criteria adopted for engaging such agencies?

ANSWER

**MINISTER OF SCIENCE AND TECHNOLOGY, MINISTER OF EARTH SCIENCES AND MINISTER
OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(DR. HARSH VARDHAN)**

विज्ञान और प्रौद्योगिकी मंत्री, पृथ्वी विज्ञान मंत्री और पर्यावरण, वन एवं जलवायु परिवर्तन मंत्री

(डा. हर्ष वर्धन)

(a) & (b): Yes Madam. The Government has made assessments on the performance of the National Science & Technology Entrepreneurship Development Board (NSTEDB) which was set up in 1982 in the Department of Science & Technology (DST). The details of the assessments carried out on the performance of NSTEDB are given below.

The first assessment on working of NSTEDB was carried out by an Evaluation Committee, chaired by Shri T.N. Seshan. The committee submitted its report in 1988, which emphasized the continuation of an exclusive Board (NSTEDB) to promote entrepreneurship among the Science and Technology persons in the country and also concluded that NSTEDB should be located in the DST. It recommended for provision of adequate staff & funds to NSTEDB in order to fulfil its objectives in a much better fashion.

The second assessment on NSTEDB performance and its impact on Entrepreneurship development, Employment generation and Technology Transfer was carried out by the National Council of Applied Economic Research in 1998. The key outcome of the study was that Social cost benefit analysis of the NSTEDB programs revealed a high social yield (social IRR). The evaluation of NSTEDB performance and its achievement during the XI Plan was carried out in 2013 by a Committee Chaired by Prof. S.K. Joshi. The committee recommended NSTEDB to continue the ongoing programmes on innovation, entrepreneurship promotion and incubation development. During 2017 an external review of programs under NSTEDB was done. The committee appreciated various components being managed by NSTEDB under NIDHI program

(National Initiative for Developing and Harnessing Innovations). Recently during 2017, NSTEDB got EFC (Expenditure Finance Committee) clearance for continuation of its programs beyond XII plan to 2020.

In addition, various programmes and activities of NSTEDB are monitored annually by the programme specific Expert Advisory Committees set up by the Department.

(c) The programmes initiated by National Science and Technology Entrepreneurship Development Board(NSTEDB), DST aim to nurture innovation and technology led entrepreneurship. Under institutional mechanism, NSTEDB has supported Innovation and Entrepreneurship Development Centers(IEDC), New Gen IEDC,Technology Business Incubators(TBIs) and Centre of Excellence (CoE). NSTEDB, DST has launched ‘National Initiative for Developing and Harnessing Innovations (NIDHI)’programme in 2016-17, which aims to convert knowledge-based and technology-driven innovative ideas into successful startups. NIDHI program is an umbrella initiative under which CoE, TBI and New Gen IEDCs are being supported.

NSTEDB has not setup institutions under institutional mechanism but has supported various academic and non-academic structures for conducting different programs. The institutions supported are technical and managerial institutes like IITs, IIMs, NITs, IIT, IISERs, IIITDM, not-for-profit organisations, public & private universities and colleges. There are five institutions/programs supported under CoE, 135 under TBI and 74 under IEDC and New Gen IEDCs.

(d) The NSTEDB does not conduct training programs directly but supports institutions engaged in entrepreneurship development for conducting such programs. The training programs conducted through various agencies in last three years are Entrepreneurship Development Programme (EDP), Technology Based Entrepreneurship Development Programme (TEDP), Faculty Development Programme (FDP), Women Entrepreneurship Development Programme (WEDP) and Entrepreneurship Awareness Camps (EACs). The number of institutions supported and training programs conducted is given below.

Sr. No.	Year	No. of Institutions/ Organizations supported for conducting training programs	No. of Programmes Conducted					Total
			EAC	EDP	WEDP	TEDP	FDP	
1	2016-17	338	1725	224	148	257	192	2546
2	2017-18	478	1955	150	105	212	164	2586
3	2018-19	611	2274	191	118	205	164	2952
Total			5954	565	371	674	520	8084
1) Entrepreneurship Awareness Camp (EAC): Duration - 3 Days. Objective: To sensitize and inculcate the seed of S&T entrepreneurship amongst youth.								
2) Entrepreneurship Development Programme (EDP): Duration- 4 Weeks. Objective: Capacity Building programme to potential entrepreneurs for setting up S&T based enterprises.								
3) Women Entrepreneurship Development Programme (WEDP): Duration- 4 Weeks. Objective: To motivate and encourage potential women entrepreneurs having S & T background for new enterprise creation.								
4) Technology based Entrepreneurship Development Programme (TEDP): Duration- 6 Weeks. Objective: Training programme for potential entrepreneurs having S&T background to promote technology ledenterprises.								
5) Faculty Development Programme (FDP): Duration- 2 Weeks. Objective: To train and enhance the supply of competent faculty / resource persons for teaching and training entrepreneurship on PAN India basis.								

(e) & (f): Yes Madam, various outside agencies have been entrusted to conduct such training programs. The Implementation and Monitoring of training programs is done by Entrepreneurship Development Institute of India, Gandhinagar. These training programs are conducted by agencies such as National Institute for Micro, Small & Medium Enterprises; Entrepreneurship Development Institutes, Central Institute of Plastics Engineering & Technology; State Institutes of Entrepreneurship Development, Academic institutes, Technical Consultancy Organization (TCO), Non-Government Organizations and industry associations.Institutions/ Organizations for conducting the training programs are selected by NEAC (National Expert Advisory Committee) constituted by Department of Science and Technology. While assigning these programs, organizational track record, performance of the organization in past programs, resources available, domain expertise etc. are considered by the committee.
