

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 289
ANSWERED ON 03/02/2022

INITIATIVES AND ACHIEVEMENTS OF NSTEDB

289: SHRI IRANNA KADADI:

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

- (a) the details of programmes started by the National Science and Technology Entrepreneurship Development Board (NSTEDB) and the achievements made during each of the last three years and the current year, State and programme-wise;
- (b) the details of the agencies working under the NSTEDB;
- (c) the details of efforts made in entrepreneurship/startups and the financial assistance given to various entities during the last three years;
- (d) the details of people registered and successfully trained by the NSTEDB during the above period; and
- (e) the steps taken by Government for efficient functioning of NSTEDB?

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) OF THE
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)

(a) The programmes initiated by National Science and Technology Entrepreneurship Development Board (NSTEDB) aim to nurture innovation and technology led entrepreneurship, which also creates new avenues for wealth creation and job generation. In line with the Hon'ble PM's vision on Innovation and Start-up India, National Initiative for Developing and Harnessing Innovations (NIDHI) programme has been initiated in 2016-17, which aims to convert knowledge-based and technology-driven innovative ideas into successful startups.

Under NIDHI, different programs range from providing fellowships to the students opting for entrepreneurship through Entrepreneurs-In-Residence (EIR) Program, Promoting and Accelerating Young and Aspiring Innovators and Startups (PRAYAS) program by providing financial support for converting ideas into prototypes, availability of early stage Seed support to incubated ventures, providing mentoring and investment readiness support through Accelerators, and creating world class infrastructure for incubating startups through Technology Business Incubators(TBIs) and

Centres of Excellence (CoE). The details of programme wise, state-wise and year-wise achievements are given below:

Table 1: Details of programme wise and year-wise achievements

S.No.	Name of the programme	Quantitative Achievements			
		2018-2019	2019-2020	2020-2021	2021-2022
1	Technology Business Incubator (TBI)	11 TBI established	8 TBI established	6 TBI established	2 TBI established
2	Centre of Excellence (CoE)	2 CoE established	-	1 CoE established	1 CoE established
3	EIR	2 new EiR programs supported	10 new EiR programs supported	-	10 new EiR programs supported
4	PRAYAS	10 PRAYAS centres established	11 PRAYAS centres established	-	13 PRAYAS centres established
5	Seed support to incubators	4 new TBI supported	11 new TBI supported	14 new TBI supported	-
6	Accelerator	5 Accelerators programs supported	8 Accelerators programs supported	9 Accelerators programs supported	10 Accelerators programs supported

The list of cumulative projects, programme wise and state wise is given below.

Table 2: Details of projects sanctioned State-wise and programme wise

S.No	State /UT	TBI	CoE	Seed Support	Accelerator	PRAYAS	EIR
1	Andhra Pradesh	3	-	1	2	-	-
2	Bihar	1	-	-	-	1	1
3	Chhattisgarh	1	-	-	-	-	-
4	Delhi	3	1	1	3	1	-
5	Goa	1	-	-	-	1	1
6	Gujarat	4	1	2	2	1	2
7	Himachal Pradesh	-	-	1	-	1	1
8	Jammu & Kashmir	-	-	-	-	1	-

9	Karnataka	3	-	5	4	5	2
10	Kerala	-	-	1	2	5	2
11	Maharashtra	3	-	6	3	3	3
12	Odisha	1	1	-	2	-	1
13	Punjab	2	-	1	-	1	-
14	Rajasthan	-	-	2	3	1	2
15	Tamil Nadu	1	1	3	4	7	3
16	Telangana	1	-	4	4	4	1
17	Uttar Pradesh	1	-	1	2	1	1
18	Uttarakhand	1	-	-	1	1	1
19	West Bengal	1	-	1	-	-	1

(b) No agency is working under NSTEDB. However, one institution and 2 TBIs are support by NSTEDB for managing three of its programs viz. NIDHI PRAYAS, NIDHI EIR and Entrepreneurial capacity building programs. The details of these agencies are:

- Society for Innovation and Entrepreneurship (SINE- TBI at IIT Bombay)
3rd Floor CSRE Building, IIT Bombay Campus,
Powai - 400 076 Mumbai (for managing NIDHI PRAYAS program)
- Entrepreneurship Development Center (Venture Center) {TBI at NCL Pune} 100, NCL
Innovation Park
Dr. Homi Bhabha Road
Pune - 411008 (for managing NIDHI EiR program)
- Entrepreneurship Development Institute of India
P.O. Bhat, Dist. Gandhinagar 382 428 Gujarat (till 2018-19 for managing
Entrepreneurial capacity building programs)

(c) The programs developed under NIDHI addresses various gaps in innovation led entrepreneurship ecosystem. The programs are specifically built around institutions of higher learning. New initiatives are being implemented to generate innovator's pipeline, empowering incubators with idea to prototype funding, seed support, mentorship support, fostering international linkages and supporting women entrepreneurs etc.

The total financial assistance given to various entities (which includes technical institutes like NITs, IITs, Public and Private universities, Engineering Colleges, Agriculture institutes, Management Institutes, Entrepreneurship Institutes, Technical Consultancy Organisations and NGOs) to implement various programs on innovation and entrepreneurship during the last three is placed below.

Financial Year	2018-19	2019-20	2020-21
Financial Assistance	Rs. 264.98 Cr.	Rs. 210.47 Cr.	Rs. 116.90 Cr

(d) The year-wise details of the people registered and successfully trained by the NSTEDB in the area of Science & Technology Entrepreneurship through various programs namely

- Women Entrepreneurship Development Programme (WEDP): 4 weeks program to motivate and encourage potential women entrepreneurs,
- Technology based Entrepreneurship Development Programme (TEDP): 6 weeks program for potential entrepreneurs having S&T background to promote technology led/R & D based enterprises,
- Faculty Development Programme (FDP): a 2 weeks program to train faculty/resource persons for teaching and training entrepreneurship.

Number of persons trained in various modules of training programs on S&T based Entrepreneurship is given below. The programs in 2020-21 have been organized in online mode.

Table 3: Details of projects sanctioned state-wise and programme wise

Sr. No	Name of Training Programme	F.Y 2018-19	F.Y 2019-20	F.Y 2020- 21
1.	WEDP	3186	2322	1539
2.	TEDP	5330	3484	1716
3.	FDP	4100	3000	1175
	Total	12616	8806	4430

(e) For the efficient functioning of NSTEDB, the National Expert Advisory Committee on Innovation and Entrepreneurship, set up by the Department, monitors the major programs of NIDHI. Few other schemes of the Division are monitored by their respective Expert Advisory Committees having relevant external domain experts.

To analyse the outcomes and impact of programs of NSTEDB, impact analysis has been carried out by Syndicate Bank Entrepreneurship Research & Training Centre, Indian Institute of Technology, Kanpur. The Impact Report has been released in 2020. As per the report, the programs supported by NSTEDB have created significant impact in fostering innovation and technology led entrepreneurship in the country.

The entire programs of NSTEDB on S&T based entrepreneurship have also been recently evaluated and approved by the Expenditure Finance Committee in March 2018 and July 2021. Periodically, the independent third party evaluation of the major programs are also carried out. On recommendation of third party evaluation, emphasis on women entrepreneurship programs and virtual incubation to increase the outreach of incubators have been incorporated by NSTEDB.
