

Weaving Science & Technology into Entrepreneurship...

A Merger for Economic Growth and Industrial Development
Unfolding the nuances of DST – NIMAT Project

Sponsored by



National Science and Technology
Entrepreneurship Development Board (NSTEDB),
Department of Science & Technology
Govt. of India

Implemented by



Entrepreneurship
Development
Institute of India
Ahmedabad

Science & Technology Entrepreneurship is the Way Forward...



Science and technology have by far become the most distinguishing aspects of entrepreneurship. With the Government's accent of infusing S&T with entrepreneurship will further give a boost to the phenomenon. Encouragement to technology in the domain of entrepreneurship is gradually moving India towards becoming the nucleus of innovations. The National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology (DST), Govt. of India has played a critical role towards spurring the adoption of science and technology in entrepreneurship. In the spectrum of S&T entrepreneurship, while DST has been making meaningful contributions through various initiatives, one of its arms, the National Science and Technology Entrepreneurship Development Board has noticeably nurtured and advanced technological knowledge through an array of activities.

EDII and NSTEDB- DST, Govt. of India

To exclusively focus on science and technology based entrepreneurship, the Government of India under the aegis of Department of Science & Technology established 'The National Science & Technology Entrepreneurship Development Board (NSTEDB)' in 1982. It has been playing a critical role to promote knowledge driven and technology intensive enterprises. With the mandate of converting 'job-seekers' into 'job-generators' through Science & Technology (S&T) interventions, NSTEDB, successfully launched many programmes which ushered in widespread innovations and developments, resulting in viable S & T based enterprises.



EDII, a national Resource Institute in the field of entrepreneurship education, research, training and institution building got associated with NSTEDB, DST, Govt. of India as National Implementing and Monitoring Agency (NIMAT) to endorse and promote an interrelationship between entrepreneurship, technology and innovations to generate a knowledge driven entrepreneurial society.

Objectives of NIMAT Project:

With the following objectives, EDII has been implementing and monitoring various programmes under the project, across the country:

- ◆ Enlarge the supply of S&T entrepreneurs by injecting desired entrepreneurial skills for rapid industrial development
- ◆ Strengthen small and medium enterprises sector necessary for generation of employment
- ◆ Industrialize rural and disadvantaged regions for inclusive growth
- ◆ Provide gainful self-employment to educated young men and women for their empowerment and self-reliance through S&T entrepreneurship
- ◆ Diversify the stretch S&T entrepreneurship to every corner of the country
- ◆ Train & motivate young students with S&T background to adopt entrepreneurship as a career
- ◆ Develop a cadre of faculty- trainers by conducting FDPs at various colleges and institutions providing science and technology related education

The dynamics of this project evolves from a variety of programmes that have positively impacted the growth factors in the economy. I would say that this project has appropriately identified the needs of the economy and has implemented measures to ensure nationwide progress.

Dr. Sunil Shukla
Director –EDII

EDII as NIMAT: Role and Initiatives

As National Implementing & Monitoring Agency (NIMAT), EDII implements and monitors the following key programmes to ensure and sustain competitive advantages to a diverse group encompassing women, students, technocrats, entrepreneurship trainers and policy makers:

- ◆ Entrepreneurship Awareness Camp
- ◆ Entrepreneurship Development Programme
- ◆ Women Entrepreneurship Development Programme
- ◆ Technology based Entrepreneurship Development Programme
- ◆ Faculty Development Programme

Entrepreneurship Awareness Camp (EAC)

The role of Entrepreneurship Awareness Camps is set to create awareness among faculty and students of engineering and science courses about the various facets of entrepreneurship so that the discipline gains acceptance as a career among this target group. These camps aim at providing knowledge and information about the benefits of entrepreneurship as a career and sources of help (financial as well non-financial), incentives and subsidies available from government for different segments of society towards enterprise creation.

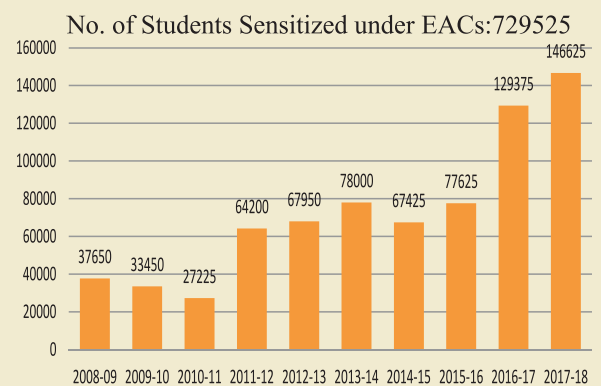
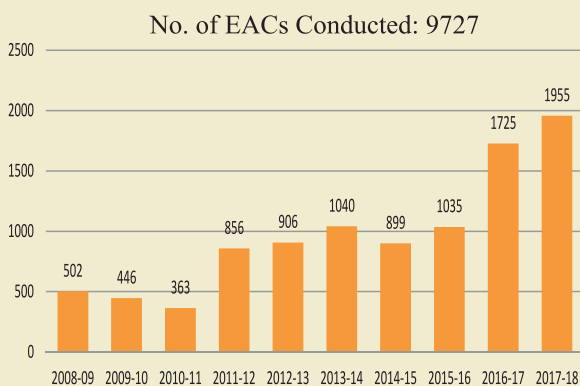
“The activities of the project are contemporary and perfectly in sync with the goals of a modern economy. Science and technology is a prominent growth factor and this project has given S & T a tremendous boost.”

Mr. S B. Sareen

Project Director - DST-NIMAT

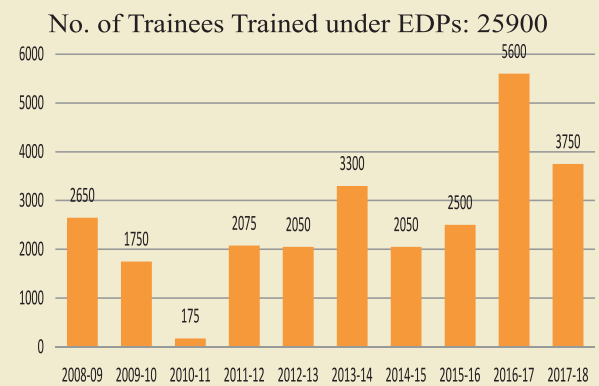
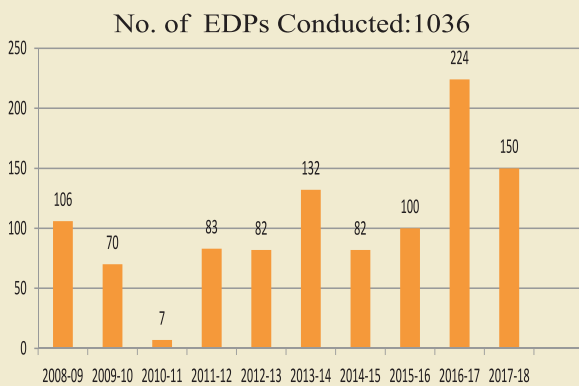


Meeting of the Advisory Committee Members at EDII

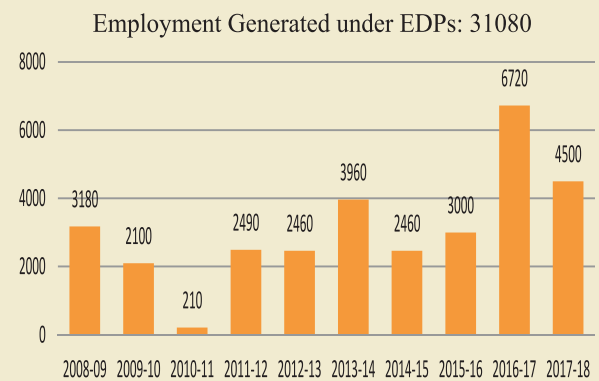
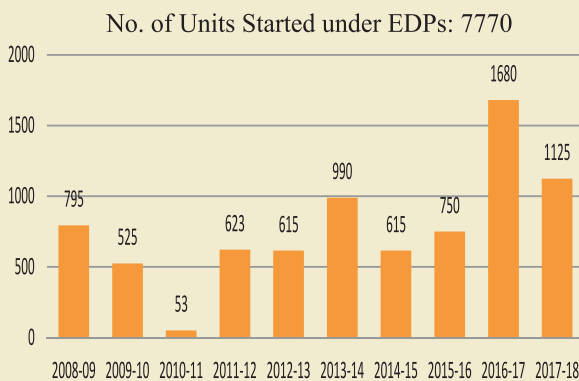


Entrepreneurship Development Programme (EDP)

Entrepreneurship Development Programmes (EDPs) act as a catalyst that focus on training, education, reorientation and creation of conducive and healthy environment for the growth of innovative, knowledge based enterprises. In order to broad base S&T entrepreneurship, EDII has involved institutions across India, working in entrepreneurship, in implementing EDPs culminating into a large success rate. Back in 1983, the year of its inception, EDII began by conceptualising Entrepreneurship Development Programmes, and subsequently launched these to test their result-orientedness. The outcome led to a tested training model for New Enterprise Creation, popularly known even today as EDII-EDP model. With desired changes in keeping with the external environment, the EDII-EDP model is being implemented by ED institutions across the country, under EDII's monitoring.



A Peek into the Success Rate

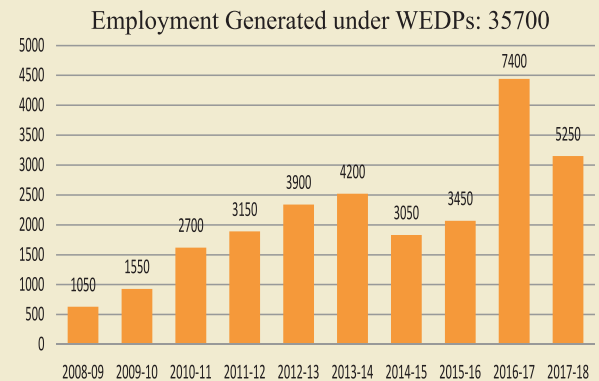
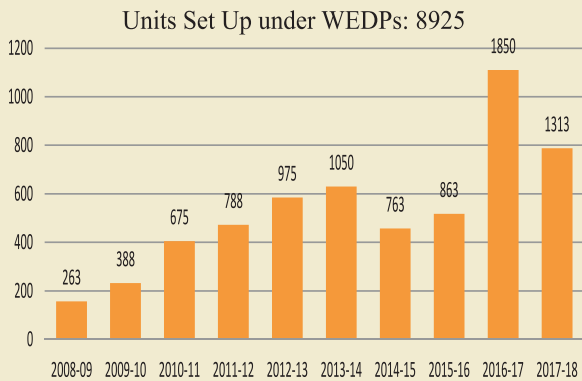
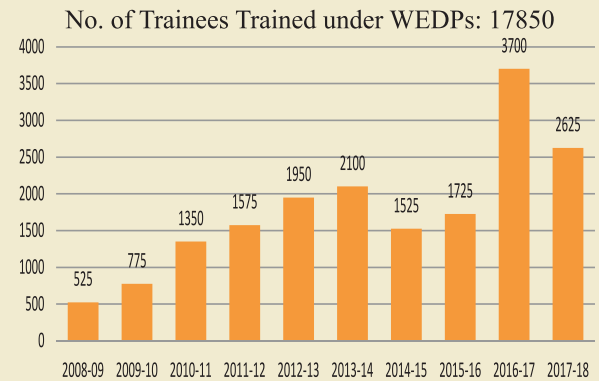
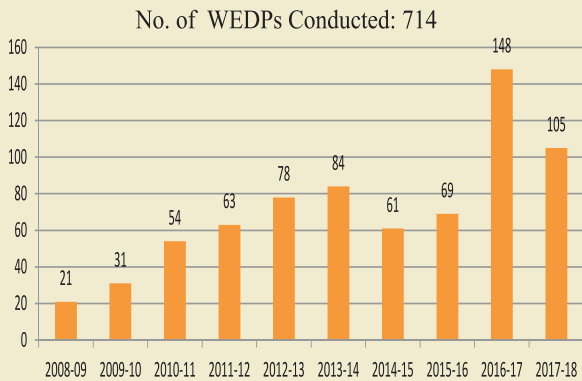


The Entrepreneurial Spirit Makes a Headway....

Life was uncomfortable for Karnali Sarkar...trying to make ends meet. Half-heartedly, hoping for some change in life, she joined an EDP to learn about doing business. This one decision changed her life. Today Karnali is the proud owner of a Beauty Parlour, with four people working under her. She not just learnt about setting up & managing her business but also managed finances through bank loans.

Women Entrepreneurship Development Programme (WEDP)

The significance of entrepreneurship has time and again been stressed for women. Dynamics of entrepreneurial behaviour for women differ with a diverse set of problems which are distinctive to women. While entrepreneurship has transformed countless lives, women have not been able to endorse it as a means of livelihood, survival and growth. WEDPs train women in the various aspects of entrepreneurship, impart entrepreneurial skills to them, help them identify business opportunity, monitor their viable business plans, assist and handhold to ensure that they set up their business.



From a Job-seeker to a Job-giver

Shiela P Meethil, hailing from Kochi in Kerala, after working for 23 years, wanted to be on her own. She had set her mind on becoming a consultant and trainer for food industry, and looked forward to achieving big in 'safe to eat food' but had apprehensions about leaving a secured job. She attended KITCO'S WEDP programme initiated by EDII under NIMAT programme and is today proud owner of her fast growing enterprise - *Farm to Fork*, set up with an investment of Rs. 4 lacs

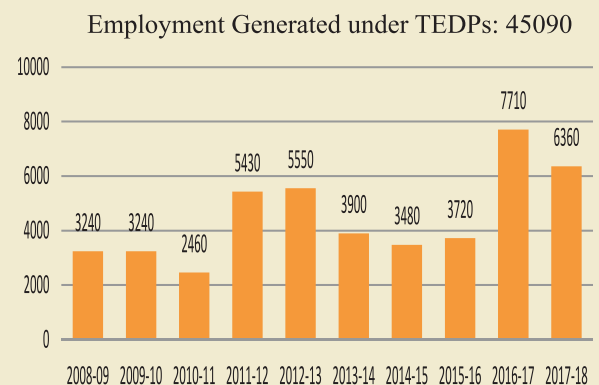
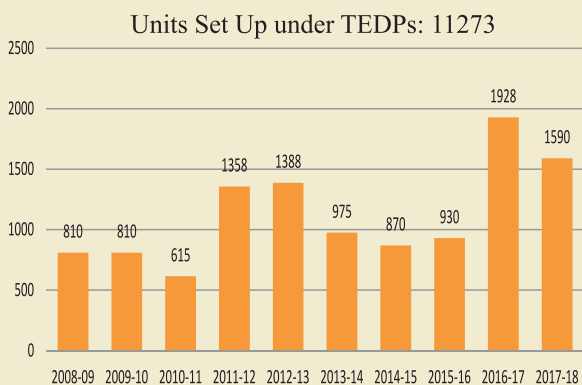
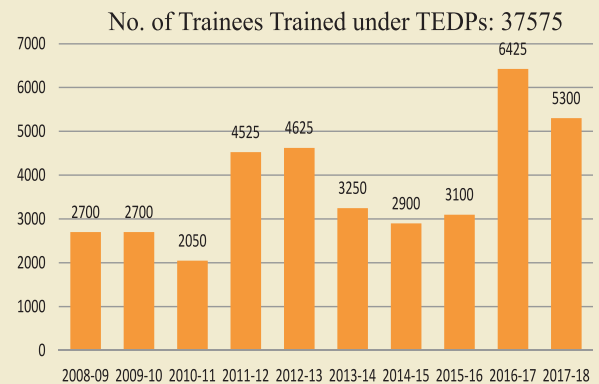
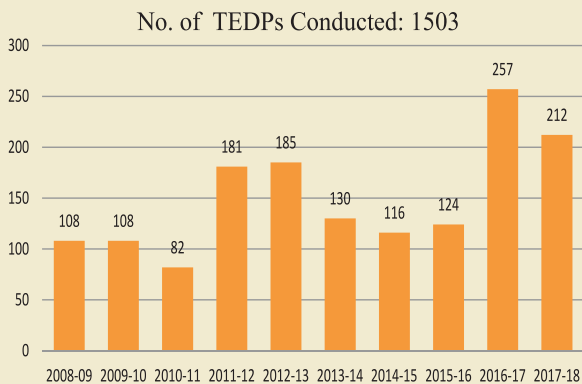


“ EDII's Women Entrepreneurship Development Programme is well researched and structured. We got familiar with women centric schemes and also realised that there were umpteen business opportunities for women.”

Sheeba Saji
12D Entertainment
Ernakulam

Technology based Entrepreneurship Development Programme

Technology based knowledge can enhance the pace of innovations and entrepreneurship in a society. But the need-of-the-hour is to blend technology with entrepreneurship so that the entrepreneurial ecosystem gets strengthened with a high incidence of enterprise creation. Technology based businesses have a multiplier effect on the economic growth of a nation and EDII, under NSTEDB, as NIMAT, is doing its bit in training and motivating people to build businesses on the premise of technology. The idea is to establish technology as a key driver of growth and progress by training technology –oriented people in entrepreneurship and ensuring setting up of growth-oriented which are essential for altering the levels of economic growth.



It's Never Too Late

Anirban Debnath is an ambitious man hailing from a middle class Bengali family from West Bengal. Anirban had always nurtured the idea of becoming an entrepreneur and had kept his eyes and ears open to spot opportunities. However, despite all his efforts, he could not succeed in setting up a viable business. It was only upon attending a TEDP in West Bengal, on a friend's suggestions, that he learnt how he could be successful. Today Anirban runs Proinnovasys Technologies Pvt Ltd' and his product was called Surity, is a security device for children which is creating waves.

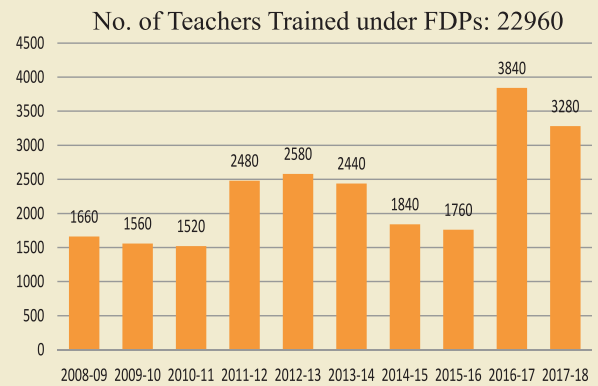
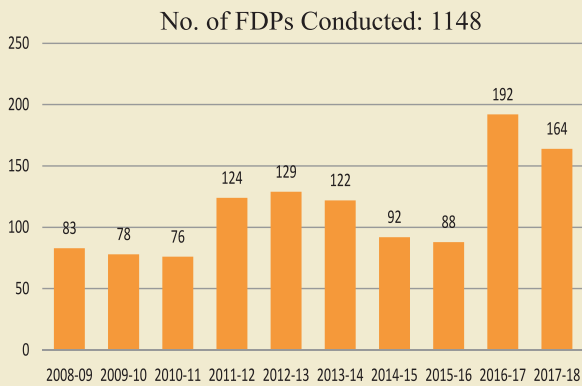


“ I have a technical bent of mind but my entrepreneurial orientation was almost nil. EDII's TEDP helped me connect my dreams to my skills . I owe it all to this Institute.”

Deepak Hari
Smart Systems & Solutions,
Jalandhar

Faculty Development Programme

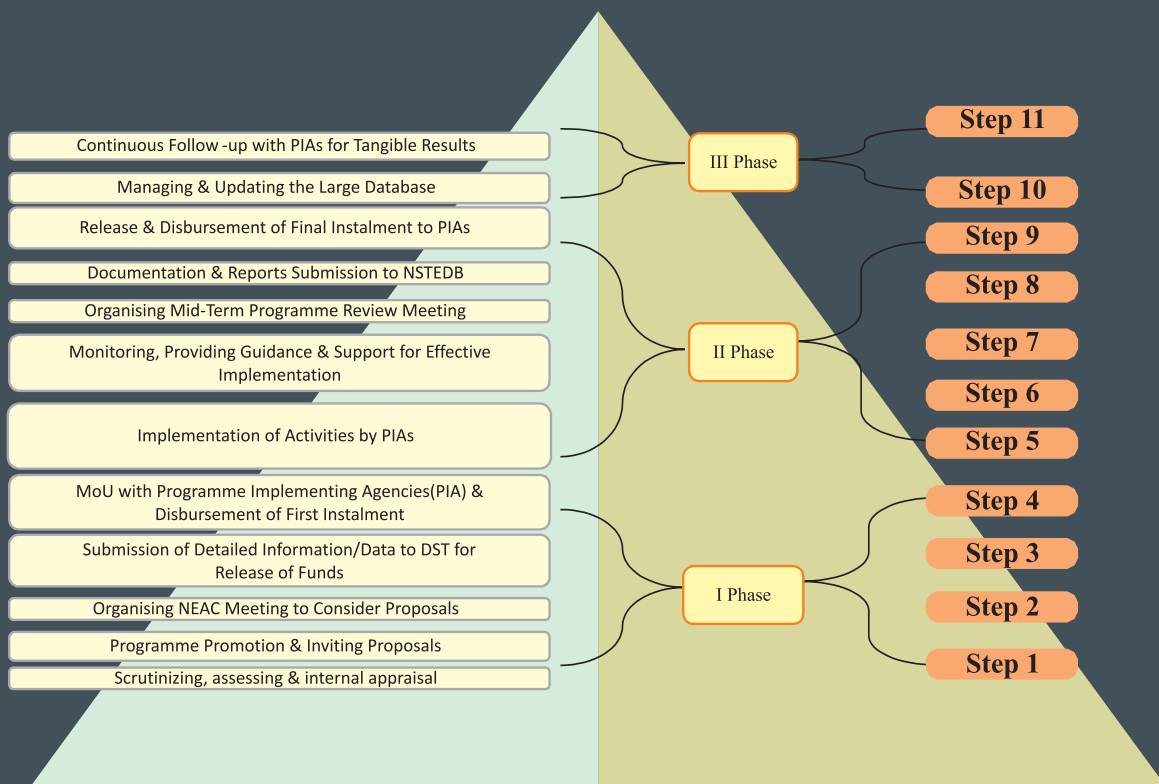
The force that drives a nation is its teachers. In orienting mind-sets in favour of entrepreneurship too, the faculty group can play a major role. As NIMAT, EDII conducts programmes to train the faculty of colleges about the benefits of entrepreneurship and the nuances involved in designing and implementing an Entrepreneurship Development Programme. The trained academicians have played a major role in influencing students and impressing upon them to adopt entrepreneurship as a career.

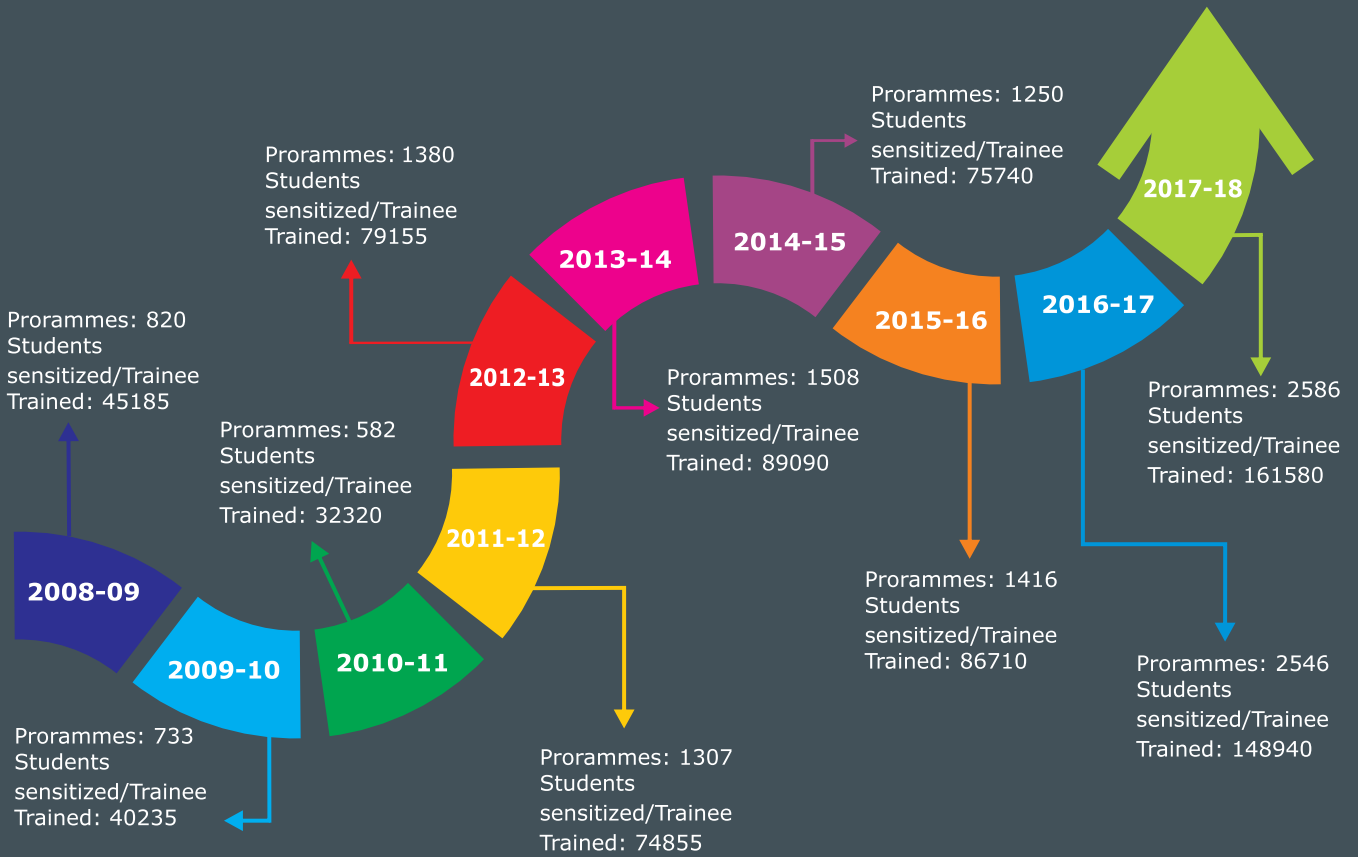


“ My experience at EDII was extremely enriching. The Faculty Development Programme was very well thought of and professionally delivered. We had the good fortune of being trained by leading academicians from the Institute as well as other renowned Institutions.

Dr. Pranav Wal
Chief Project Coordinator - IEDC
Pranveer Singh Institute of Technology,
Kanpur

Project implementation Mechanism





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