

IIC-EDC ACTIVITIES

OBJECTIVES OF THE PRACTICE

Institution's Innovation Council (IIC-NSEC) encourages the creative energy of the students to work on new ideas and innovation. The major focuses are to create a vibrant local innovation ecosystem and to develop better cognitive ability for technology students. The NSEC Entrepreneurship Development Cell (EDC-NSEC) started its journey with the aim to inculcate the spirit of innovation and entrepreneurship amongst the young students, encourage and support start-up creation through guidance, mentorship and support. The cell would also spread the message of entrepreneurship and create a culture of entrepreneurship at NSEC campus and also beyond the campus.

THE CONTEXT

The IIC has been constituted as prescribed by MHRD-IIC to methodically foster the culture of innovation as a part of curriculum. The council encourages, inspire and nurture the talent of young and creative students to works on new ideas leading to establish an innovative ecosystem in the campus. The innovative minds are to be attracted through experts talk session, periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and to create a mentor pool for student innovators. Several Hackathons, idea competitions, mini-challenges with the involvement of industries are arranged for active involvement and even promotes the students to participate in national and state levels. Few amongst the “Job-Seekers” would be converted to “Job- Generators” through the entrepreneurial route.

THE PRACTICE

EDC-NSEC has formed an incubation center and signed MOU with Wadhvani Foundation Entrepreneurship Network (WFEN) to promote entrepreneurship among students. Later, signed MOU with Confederation of Indian Industries (CII) and named the incubation center as CII-NSEC Innovation Club. The primary objective is to provide students proper mentorship to realize the prototypes of their ideas and in turn initiating start-ups as well as to submit prototypes in various innovation competitions within India and abroad.

India witnesses an upsurge of technology-driven and knowledge-based enterprises. Whether it is the field of conventional business or in IT and ITES, a sudden spurt in the number of new ventures or start-ups has taken the country by surprise. The IIC-EDC at NSEC works continuously to channelize the knowledge and the energy of students towards becoming active partners in the economic development process. Moreover, to catalyze and promote development of knowledge-based and innovation-driven enterprises and promote employment opportunities lies primarily amongst students and for the society at large.

EVIDENCE OF SUCCESS

The major activities carried out by IIC-EDC

- *Winning 1st prize in 3M- CII Young Innovators Challenge Award 2019*

Katha Sur and Karan Ghorai, students of 3rd year ECE winning 1st prize in 3M- CII Young Innovators Challenge Award 2019 at Bangalore in PRODUCT INNOVATION Division for

their product "WHITE COAL" from Jute Stick. They won the prize money of Rs.3 Lakh along with Trophy.

- ***Start-up by Alumni Entrepreneur with the help of NSEC Incubation Centre***

Name of company: TEAMCOGNITO TECH LLP, SANKET SARKAR, Alumni, EE, NSEC

- ***Orientation Program for 1st Year with Prototype Exhibition, 6th Feb., 2019***

A delegation team from ITALY accompanying by CII members visited this exhibition. 18 Eighteen prototypes were exhibited in this event.

- ***Hult Prize-19 "Idea to Prototype" 16th February, 2019.***

Annual Challenge of Hult Prize is "For Us By Us" "Youth Unemployment". 46 (Forty Six) teams comprising 186 (One hundred eighty six) students registered in this event. Out of all registered teams 29 (twenty nine) teams were selected for delivering their ideas.

- ***Smart India Hackathon 2018 & 2019***

23 team of NSEC submitted 43 solutions. Five teams qualified for final and one team became runners-up in SIH Hardware 2019.

PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

While a few years back, the conversion of idea to product might have sounded a distant dream, with both technology and market being uncertain, things certainly have changed now. Encouraged by the motivating ecosystem students are no longer giving preference to only campus placements and are going for deferred placement to give a chance to their dream projects. It has however been seen that initial support to the start-ups has been one of the deterrent in the process of the launch.

Anticipating this movement and to empower the students to acclimatize themselves to innovation and entrepreneurship culture, IIC-EDC at NSEC has initiated start-up and entrepreneurship with the mission to promote knowledge based and technology-driven start-ups by harnessing young minds and their innovation potential in academic environment.