



Ref. No. :

Date :

**BEST PRACTICES: 2**  
**Academic Year 2019-2020**

**1. Title of the Practice**

IIC-EDC Activities

**2. 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 beyond the campus.

**3. 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, inspires and nurtures the talent of young and creative students to work on new ideas leading to the establishment of an innovative ecosystem on 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 promote the students to participate in national and state levels. Few amongst the "Job-Seekers" would be converted to "Job- Generators" through the entrepreneurial route.

**4. The Practice**

EDC-NSEC has formed an incubation center and signed an 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.



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## 5. 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 1<sup>st</sup> Year with Prototype Exhibition, 6<sup>th</sup> 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" 16<sup>th</sup> 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 for this event. Out of all registered teams 29 (twenty-nine) teams were selected to deliver their ideas.

- **Smart India Hackathon 2018 & 2019**

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

## 6. Problems Encountered and Resources Required

While a few years back, the conversion of idea to product might have sounded like a distant dream, with both technology and the 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 deterrents 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.



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