

NewGen IEDC [2017-22]
Under the Aegis of NSTEDB, DST, Govt. of India, New Delhi

Progress Report (July 01, 2017 to October 31, 2018)

Name of the College/Institution hosting NewGen IEDC	L J Institute of Engineering & Technology	
Year of starting NewGen IEDC	2017	
Name of the Head/Principal of the Institution/College	Dr Viral Shah	
Name of NewGen IEDC Coordinator	Ms Debopriya Chakroborty Mr Bhushan Mehta	
Contact Details of NewGen IEDC Coordinator	<ul style="list-style-type: none"> ● +91-96207 27297 ● dchakroborty@ljinstitutes.edu.in ● +91-9033096486 ● bhushan@ljinstitutes.edu.in 	
Financial Details	Sanction Order No./ Date	Amount Sanctioned
	1. EDII/DST- NewGenIEDC/17- 18/04	15/06/2017 - 60 lacs sanctioned Utilization till October 31, 2018 Non recurring - 14,14,015

		Recurring - 09,63,157 Project - 14,11,011
	2.	

Initiatives/Activities Undertaken as per the Action Plan Submitted:

[A] To inculcate the spirit of innovation and entrepreneurship amongst S&T students

Sr. No.	Activities	Outcome/Achievements
1	Future Technologies	A session conducted by Mr Darshan Trivedi from MICA. The purpose of this session was to sensitize students on the advancements in future technologies and how to look at things with a different perspective which is very much necessary for students. there were 40 participants.
2	Creative thinking	A session by Mr Abhishek Jain who is a product designer. This session had activities like breaking the deadlock and interacting with unknowns which is a very important skills to be an entrepreneur. Another activity included taking photographs which no one could recognize, this demands critical thinking from students. there were 50 students.
3	Business Crafting 1.0	A session on business plan was organized to make students understand various aspects of a business models.
4	Design Thinking	A session by Ms Aditi Gupta was conducted on what are the steps of design thinking. more than 20 students participated in it.
5	Managing Human Resource	a session by Mr Nirav Vasa & Mr Joy Shah. The session was to provide students an insight on how a startup needs to manage it's human resource.

6	Legal & Intellectual section	we conducted two sessions on the legal and intellectual side of any product. Students were taught the legal aspects of forming a company and were also guided on which type of company should be formed at an initial stage
7	How to Invest wisely	a session by Mr Vikas Agrawal, who is an entrepreneur. He briefed students on how to look for futuristic opportunities and how one should not invest money and time if the technology is not futuristic.

[B] To identify, develop & commercialize students' innovative ideas

Sr. No.	Activities	Outcome/Achievements
1	L J Innovation Village 2018	more than 300 projects from India displayed their innovative projects on 17th february, 2018. 90 best projects were selected fro further
2	L J Start-up Week 24*7	45 projects from L J Innovation village participated in it for a 2 days rigorous mentoring on technical and business model canvas
3	Pitch Deck	these are open jury sessions where any project can apply. the jury is expert from various domains like engineering, commerce, IPR etc. these projects if selected are then given funds to develop their prototype.

[C] To enhance Industry-Academia interaction

Sr. No.	Activities	Outcome/Achievements
1.	Android Workshop	Conducted a workshop on android for 40 students. the major outcome is that all students were able to make their own application
2	Solidworks Essential	We have started L J Design Centre with an aim to provide training on various design centres. Currently we are providing training to Mechanical

		& Automobile engineering students on Solidworks & Autocad software. Every month minimum 60 students are getting trained which will eventually help them in improving the quality of their projects. more than 200 students have been certified till now
3	Induced Learning sessions	<p>We plan and execute speakers from varied industries as well as advanced academic backgrounds for three different motives.</p> <ol style="list-style-type: none"> 1. Awareness and sensitization of the entrepreneurship scenario in India. 2. How to develop a working prototype 3. Commercialize & IPR aspects

2. Other important highlights (new initiatives), if any:

1. One student innovation supported by L J I E T NewGen IEDC has started their own company and already have orders worth 5 lacs INR. they have also been approved by the Govt of Gujarat as a start-up and have been granted 20 lacs
2. Lab setup for facilitating a working environment for projects and aiding them to shape up their innovations to products in the pre- commercialization phase (Labs: AR/VR, Gaming, IOT and Product Development).
3. Co working spaces for industry verticals to catalyze a symbiotic relation amongst the working projects and the industry.