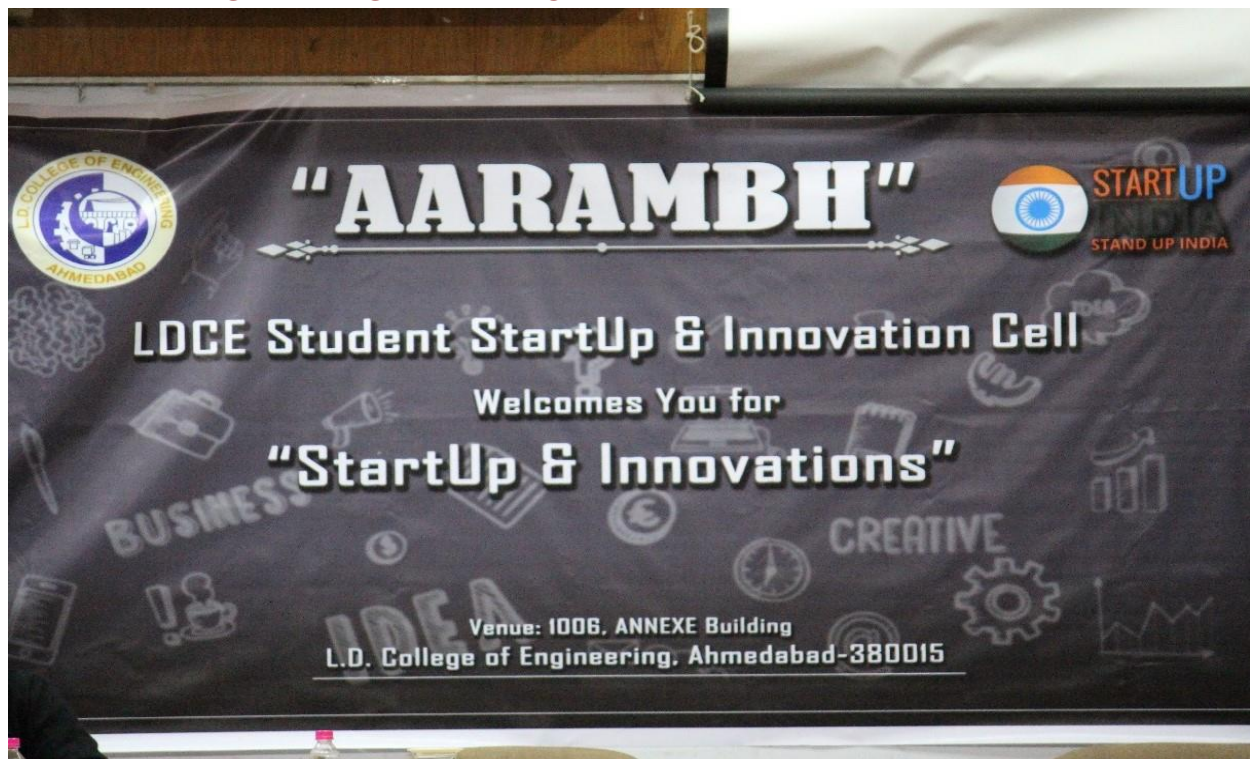


## **ABOUT AARAMBH CELL**

**L. D. College of Engineering's efforts and achievements to inculcate Start-up, Innovation and Entrepreneurship amongst students & faculty members through "AARAMBH", the institute's start-up & innovation Cell**

## **AARAMBH CELL ACTIVITIES**



### **Introduction:**

Gujarat has witnessed huge industrial growth in last decade and hence it is imperative need to have robust system to support student innovation. To facilitate and pre-incubate innovative ideas to go through a stage of proof of concept, prototype, product, testing & trial, redesign and development of utility, the student start up and innovation policy of the state was launched vide Government of Gujarat Education Department Resolution No.

PRC/2016/IPIES/DS/S/710197 Dated: 11th January, 2017 to help in building innovation and pre-incubation processes of the state higher education

Under the aegis of the aforementioned policy of Government of Gujarat, the institute has been selected as one of the beneficiary of the said policy and accordingly signed an MOU with central implementation nodal agency, Gujarat Knowledge Society in September, 2017 and as per terms of MOU the institute received a first instalment of Rs. 20.00 lacs in October, 2017 for promoting and encouraging student entrepreneurs and innovators. As part of the policy, LDCE's responsibility will be to identify, support and encourage entrepreneurs and innovators in the campus, as well as provide them support for creating proof of concepts, patents, mentorship and guidance.

The institute under the leadership of Principal Dr. G. P Vadodaria, has put in tremendous efforts for inculcating innovations, entrepreneurship and start up amongst its students and faculty and the same is highlighted as below under various stages, indicators/involvement related to innovations, entrepreneurship and start-up.

**Efforts and achievements through known indicators/ involvement:**

<b>Type of Involvement/indicator</b>	<b>Institute's efforts &amp; achievements in the related involvement/indicator</b>
Institute innovation and startup council/ecosystem/Cell	The institute has earmarked a space for the startup cell and the same is named as <b>"Aarambh"</b> . An institute level implementation committee is also formed under the chairmanship of Principal comprising of Industry expert, Alumni member, Startup ecosystem expert and Finance expert and till today since its inception in November, 2017 around 06 meetings and 03 evaluation proceedings sessions are already conducted.
Developing pre-incubation process. Co-working space/ Pre-incubation facility/Common Innovation Centre	The pre incubation in form of providing Computers and internet facilities are provided, the requisite furniture for the cell is also made available in the allocated space The working space is allocated as above and interested/recommended students/teams are utilizing the space earmarked for startup cell.
Activity/Workshop/ Conference/Capacity Building/Awareness program conducted	Around 10 awareness programs are already conducted wherein approx., 2000 students have participated in the said programs. Various experts in the field of Start-up ecosystem and Entrepreneurship are invited as guest speakers. In addition to this, a faculty awareness program was also conducted on 6 <sup>th</sup> January, 2018 for sensitizing

	<p>the faculty members and making them aware about various terms and culture associated with the startup ecosystem and innovations. Students are encouraged to participate in Hackathon event. Around 15 teams has participated in State and National level Hackathon events in last six months and have won various awards and honors.</p>
Virtual Incubation / Mentoring and allied details	<p>The institute is having a detail list of mentors comprising of senior Industry personnel in various field which are always available for the assistance to students for the mentoring and other related assistance for their idea/POC/Prototype.</p>
Support towards Proof of Concept (PoC) and Prototyping for the students of the institute	<p><b>The institute has invited applications from the students via google forms, wherein 77 applications were received. Out of these 77 applications, 37 applications were shortlisted at department level by preliminary screening committee. These 37 applicants were evaluated further by team comprising of external experts, internal experts and institute committee and based on the evaluation, 13 applicants are recommended for financial funding and other support totaling to around Rs. 14.75 lacs. The process of procurement of the 13 recommended applicants has already been initiated and planned to be completed by 31.05.2018 (Detail list attached in this report). A few more teams are to be recommended for funding in due course of time.</b></p>
Awards/Recognition/Exposure	<p>The ideas/POC of supported start up teams were showcased in <b>“Kaizen 2018”</b> – a student’s project display event/competition on 12<sup>th</sup> &amp; 13<sup>th</sup> April, 2018, wherein all supported teams were recognized for the work and efforts put in by students in startup &amp; Innovations and appreciation certificate were awarded to all.</p>
Tinkering Lab/Fab Lab/Basic prototyping facility	<p>Although facility of 3D printer is already available in the institute. It is planned to create exclusive facilities for basic prototyping such as 3D printer etc. in newly developed incubation cell, to give impetus to tinkering lab and prototyping activities.</p>
Pedagogical Interventions/Courses/ New Programs on Innovation and	<p>In order to abreast the budding Engineers, courses /new programs on innovations and entrepreneurship shall be recommended to affiliating university for due implementation and inclusion in</p>

Entrepreneurship	the syllabus. Online programs on startup & Innovations are also planned for budding entrepreneurs.
Documentation/ Publication/ Dissemination	Books/journals on Startup, Innovations and Entrepreneurship are procured and stacked in library for the benefit of the students. A few publications are also planned to be taken up by faculty and students in the field of startup and Innovations