

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. R.K.Gajjar, 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:

Type of Involvement/indicator	Institute's efforts & achievements in the related involvement/indicator
Institute innovation and startup council/ecosystem/Cell	The institute has earmarked a space for the startup cell and the same is named as “Aarambh” . 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.
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.
Virtual Incubation / Mentoring and allied details	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.
Support towards Proof of Concept (PoC) and Prototyping for the students of the institute	The institute has invited applications from the students via Google forms, further these applications are evaluated at department level and then by team comprising of external experts, internal experts and institute committee and based on the evaluation, 143 applicants financial supported from SSIP 1.0 from 2017-2021, From the fund of SSIP 2.0, 28 applications are financially supported up to March 2023

Awards/Recognition/ Exposure	Institute received ARIIA 3rd rank at Pan India level under Government Institute category in 2021. Institute also received Prashansa in best performer institution, Best SSIP Coordinator, Mentor in the year 2019 and 2022 by GOG.
Tinkering Lab/Fab Lab/Basic prototyping facility	Design Lab facility, 3D printer is already available in the institute. Electronics Tinkering facility also available from SSIP for the students, This helps in for basic prototyping.
Pedagogical Interventions/Courses/ New Programs on Innovation and Entrepreneurship	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 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.

Milestones Achieved: (SSIP 1.0)

- 25,268 - Students Outreached
- 121 - Events Organized
- 574 - Innovative Projects
- 143 - Prototype Supported
- 6 - DIPP Registered Startups
- 83/63 - Patents Filed/Published
- 09 - Design Registration
- 16 - Patents Granted
- 56,60,000 INR -Total SSIP Grant Received
- 55,51,534 INR -Total SSIP Grant Utilized