



CISCO thingQbator MNNITA

CISCO thingQbator is a network of connected makerspaces across the universities in India developed under CSR mandate of Govt. of India by CISCO Systems India. Here students can learn about digital technologies in a hands-on environment, turn their ideas into working prototypes and in the process come up with local solutions to local problems.

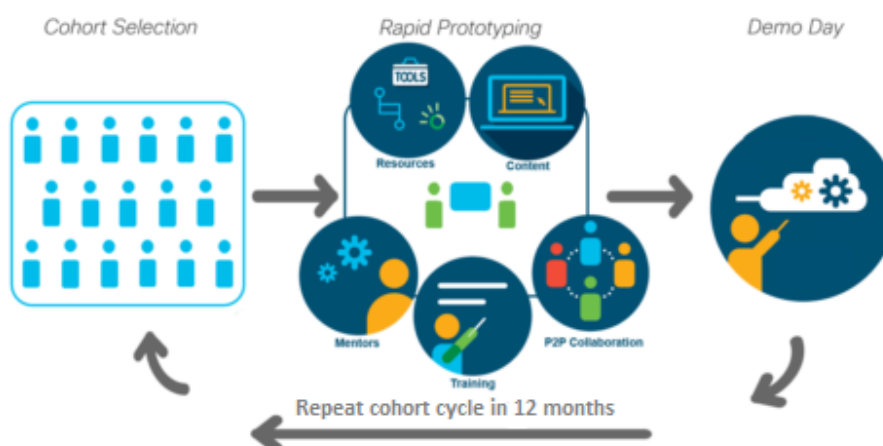


The lab has been set up in MNNIT Allahabad by MoU between the NASSCOM FOUNDATION (CSR implementation partner of CISCO) and MNNIT ALLAHABAD.

thingQbator has been set up with the following objectives:

- **Build Digital Skills:** thingQbator provides a platform that enables students to learn by doing
- **Enables Local Solutions to Local Problem:** The platform is for the makers, by the makers. It democratizes innovation by building spaces and communities
- **Link Innovation to Markets:** through cohorts, students can partner with like-minded makers to scale relevant ideas
- **Accelerate Student Entrepreneurship:** Help students transition from job seeker to job creator

The thingQbator program is structured to encourage a rapid prototyping mind-set. As part of the program, a rotating cohort of about 80 students will join the program every 12 months. Over the course of the 12 months, they get 24/7 access to the makerspace and all the equipment and tools therein as well as mentorship and training. The cohort culminates with a demo-day wherein decisions are made on how to proceed with the prototypes built by the cohort.





Areas in which people of the lab are working:

- IoT
- Robotics
- Artificial Intelligence
- Software Development
- 3D Modelling
- Computer Aided Manufacturing
- Drones
- Electric Vehicles
- Electronic Prototyping
- Entrepreneurship development
- Social Innovation



Facilities Available at the lab:

- Networking with experts from industry via thingQbator program
- All support in all stages of product development
- Full time availability of a trained makerspace manager for overseeing the day to day operations of the lab and for guiding the students
- All the technical support provided by the executors of the program.

Major equipments available are:

- Spark board for WebEx
- Edge Router
- Development Boards
- Sensors and Actuators
- 3D printer
- tools etc

Personnels associated with the lab:



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