

Experience

Shrakut Interiors and Furnishing
CTO- Chief Technology Officer
September 2016-Present
Leading a team of individuals working with interior/exterior lighting, installation and digital fabrication products.

Encube Labs India Pvt Ltd
FabLab Instructor/ Advisor/ Trainer and Mentor
September 2018- Present
Developing the curriculum for digital fabrication lab and new technical recruits and Managing research projects.

L.J School of Architecture
Visiting Faculty
June 2018- Present
Teaching 2nd and 3rd year architecture students for subject related to computer application and Advance computing in the same field.

CEPT University
Academic Associate
July 2017- Present
Working as academic associate in pioneer subjects of engineering drawings, engineering workshops and Fluid mechanics at Faculty of Technology.
Also associated for elective for Furniture design students at Faculty of design.

Fablab CEPT
Technical Expert/Instructor/ Fab-academy local instructor
September 2016 – August 2017
In charge of digital fabrication lab at CEPT university. Teaching software, digital fabrication machines, mentoring projects, conducting courses, workshops and overall management of the space.

Fablab CEPT
Research assistant
November 2015- August 2016
Managing a makerspace and mentoring digital fabrication projects, model making and product design projects

MIT Media Lab Design & Innovation workshop
January 2015
Participated in Civic Innovation track for one-week program on design and innovation conducted by Faculties of MIT (Massachusetts institute of technology).

Maker’s Movement (NGO)
April-2014-May 2017
Managing Research and activities like model making as one of the Managing committee member of the NGO working for STEM(Science Technology Engineering & Mathematics) in Colleges and Primary schools

Raman Development Consultancy
July 1012- March 2013
Associated in the projects with **Election commission of India** and **Gujarat Police Academy**, Translation of training modules and Law Translation.

Internship @Raman Development Consultancy
April- June 2012
Market survey in specific domains, Graphic Designing, etc

Summer Internship @SARAL
May 2007
Data Research from the internet

Skills

- Solidworks
 - Rhinoceros
 - Autodesk AutoCAD, 123D, Fusion 360
 - Adobe Photoshop
- Adobe Illustrator
 - Rapid Prototyping/Fabrication (CNC milling, Laser Cutting, 3D Printing, waterjet cutting, plasma cutting, etc)
 - Sketch-up
- Metal working (Soldering, welding, metal bending, etc)
 - Molding & Casting
 - Vinyl cutting
 - Wood Working
 - Electronics and Programming

Interest

- Machine designs based on link & mechanisms
- Teaching
- Interior lightings
- Furnishing
- History and cultural carving

Education

Fab-Academy Diploma Graduate
January-July 2016
Full time Diploma course that strengthen my skills of fabrication, rapid prototyping, Electronics, programming to the next level

Gujarat Technological University (GTU)
Silver Oak College of Engineering & Technology
2012-2016
Degree of Bachelor of Engineering in Mechanical Stream
CGPI: 7.25

Gujarat Higher Secondary Board
2011
Percentile: 84

Gujarat Secondary Board
2009
Percentile: 89

Leadership, Awards & Reorganizations

Chevron STEM Awards
August 2016
Global winner of an award for STEM educator held by chevron and Fab Foundation

Make India Movement Project
April 2014- present
Founder and President of Student NGO working in STEM education in primary schools, doing workshops in schools covering more than 80 schools and having more than 150 volunteers

One Month Bridge Course in College
2014
Student In-charge and mentor of one-month program conducted for 1400 first year students.

MakerFest
2015-2017
Team Member managing workshops and logistics for all the workshops before and during the event