



**Deepak Dadheech**  
**Industrial Design Centre**  
**Indian Institute of Technology Bombay**  
**Specialization: Industrial Design**

**206130011**  
**M.Des.**  
**Gender: Male**  
**DOB: 07-11-1999**

Examination	University	Institute	Year	CPI / %
Post Graduation	IIT Bombay	IIT Bombay	2022	7.55
Graduation	RTU Kota	Bhartiya Institute of Engineering and Technology, Sikar	2019	67.14%

Graduation Specialization: Mechanical Engineering

*A Dreamer from a small town learning the essence of design thinking with a passion to create inspirational memorable & delightful Experiences through intelligently designed products and services*

## Background

**B.Tech in Mechanical Engineering** 2019  
 Bhartiya Institute of Engineering and Technology, Sikar

**PG. Dip. in Product Design and Analysis** 2020  
 CADD Centre, Marathahalli, Bengaluru

## Achievements

- Secured 2<sup>nd</sup> rank in Fusion Conclave 2016 At BIET Sikar Association With IIT Bombay
- Represented BIET Sikar at International Go-kart Championship as Head of Design Department.
- Participated at international series of karting by mean metal motors, Bengaluru.
- Participated in a training program on cyber security & ethical hacking conducted by Cyber ops infosec.

### Robotics events

- Represented BIET Roboclub in event of Robowar at JU-RHYTHM, JECRC University, Jaipur.
- Represented BIET in event of Sumowar at APOGEE 2016 At BITS, Pilani.
- Participated in event of Sumowar in ATMOS 2015 The National Techno-Management Festival of BITS Hyderabad.

## Skills

### Technical

Problem-solving, Product Development, Experience Design, Human-Computer Interaction, Rapid Prototyping, Data Visualisation, Graphic Design, Industrial Design, Sketching, CAD, Photography, Film Making.

### Non-Technical

Empathising, Communication, Teamwork, Strategic planning, Time management, Organisation, Prioritizing.

### Tools

Sketching(Autodesk Sketchbook, procreate), CAD(AutoCAD, Solidworks, Fusion 360, Catia, Creo, NX CAD), Renderings(Keyshot), Analysis (Ansys workbench, Hypermesh), CAE (NX CAM) Photo And video making(Photoshop, Wonder shear Filmora, Davanchi resolve).

## Portfolio

<https://www.deepakdadheech.com/>

## Work Experience

### Designer Manager at BIETDragsports Racing Club

2016-17

*A Go-Kart Team at Bhartiya institute of engineering and technology, Sikar, mainly participates in international Go-kart events, Design of Go-kart, presentation and Racing at various events conducted by well-known organizations.*

- Headed the creative direction for designing teams brand Identity and social media campaign increasing Instagram followers by 200%.
- Headed team of 6 engineers and designers for the design, development and manufacturing for carbon fibre bodyworks for the electric and engine-powered Go-kart
- Led the creative direction for next-generation bodyworks widely acclaimed in the go-kart Student community for never seen before integration of design and engineering.
- Organised design workflow for bodyworks coordinating with various engineering departments like aerodynamics, chassis, cooling etc.
- Conceptualised ingenious body panel division and mounting system reducing the mounting time up to 50%.

Participated in International Go-kart Championship by Lovely Professional University, Punjab, and International Series of Karting by Mean Metal Motors, Bengaluru.

### Captain at BIET Roboclub

2015-17

*BIET Roboclub is a club where we explore the field of robotics and participates in various events of well-known organizations and institutions.*

- Headed the creative direction for designing and manufacturing Robots in all events.
- Participated in robotics events like Robowar, Sumowar, Roborace, Quadcopters, line followers and bottle rockets.
- Goal to reach every robotics event and gather knowledge about Robotics, Electronics, Mechanics Etc.

### Coordinator at TECHNOZION 16 NIT Warangal

2016

*TECHNOZION was the event where lots of robotics, cultural and other cultural events happen and here I became a part of the event as a coordinator.*

### Intern at G2Design Interior

May-July 2021

*G2 Design interior is a Full-Service Interior Designing Company specialising in residential and commercial both and I worked here on modular furnitures and products.*

- Here I did research and worked on modular concepts and developed many ideas regarding products and furniture.
- I worked on a Modular Belt in which we can carry kinds of stuffs outside of the home also.

## Self-Design projects

### 1. Modular jack system

This project is the new logic in furniture accessories in which the legs of the furniture will be replaced with the jack modules.

### 2. Drones for Different situations

- These are the concepts of drones for different situations, as for fire rescue missions, for deliveries, for spying and other things
- Understanding the Electronics about the Drones, How to set up, How to control, how to program, and other kinds of stuffs.

### 3. Modular Furniture Designs

This was the project which I did during my internship; I worked on a project to build a modular sofa with the perspective of user ergonomics.