



**Parth Dhabalia**

**B.Tech**

**Indian Institute of Technology Tirupati, India**

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## Education Details

Program	Institute	Year	%/CGPA
B.Tech. (Electrical Engineering)	IIT Tirupati	2020	7.4/10
Higher Secondary Education	Shiv Jyoti Sr. Sec. School, Rajasthan	2016	83.6%
Secondary Education	Saint Mary's School, Rajkot, Gujarat	2014	83.5%

## Areas of Interest

- Marketing, Financial Accounting, Data Analytics

## Technical Proficiency

<b>Programming Languages</b>	:	Python, Java
<b>Time Series Models</b>	:	ARIMA, Prophet
<b>Softwares</b>	:	MS-Excel, MATLAB, Arduino, Eclipse

## Experience

- **SDE Intern, BT-CoE Department, Cyient Ltd.**  
(Guide : Mr. Murali Ayyagari) [June'18 - July'18]
  - This project aimed to migrate users legacy data stored in SQL servers to Elasticsearch server. It aimed to create a smart GUI for users such that they can enter the name of database, provide some information regarding database as asked and the migration of the data remained just a click away. This had become possible with the help of Java High Level REST Clients, which allowed user to communicate with ES and operate on its document-based database.
- **Data Analytics Intern, NBA Department, Cyient Ltd.**  
(Guide : Mr. Murali Ayyagari) [May'19 - July'19]
  - "UAV based crop growth monitoring", aimed to improve the farming standards by capturing high resolution images and geo-tagging them on the basis of health of crop. Image processing techniques like mosaicing were used to join different photos and impose them on maps. The KML files generated after geo-tagging, would be accessible to the corresponding farmer in the mobile app. The whole project mainly revolves around precision agriculture.

## Projects

- **Prabandh**  
(Guide : Mr. Ramesh Krishnan) [Nov'17 - Jan'18]
  - **Abstract:** An inventory management software for workshops conducted at IIT Tirupati that managed the stock of machines and tools as per the requests of user. We used Java for the back end coding and GUI. Databases were hosted on MySQL Server.
- **Detection of Counterfeit Currency using Image Processing**  
(Guide : Dr. Kalidas, Assistant Professor, IIT Tirupati) [Mar'18 - Apr'18]
  - **Abstract:** GUI designed in JAVA, enabled user to upload images of currency and MATLAB was used to segment image and extract the required features for detection of legitimacy of the currency.

- **Converting Image to Text Document using Image Processing**

(Guide : Dr. Ramakrishna Gorthi, HOD (EE), IIT Tirupati)

[Jan'19 - Apr'19]

- **Abstract:** This mini project aimed to pre-process, segment, and recognize the letters in an image using different classification algorithms and Image Processing and store the information in .txt file.

- **Business Model Proposals**

[Dec'18]

- **Abstract:** The business model 'Using PET for 3D Printing' was proposed at 8th Inter IIT Technical Meet. The idea was to make use of deflection temperature to convert waste plastic into raw material for 3D printing.

### Relevant Courses

- Economics
- Introduction to Financial Management
- Cost Accounting\*
- International Trade and Finance
- Marketing Management

- \* **To be completed in December 2019**

### Achievements

- Secured 99.99 %ile in JEE Mains among 1.1 Million Students.
- Secured All India Rank 5865 in JEE Advanced among 0.2 million students.
- Qualified for Grand Finale of Smart India Hackathon
- Awarded Consolation - Periloscope Challenge at TechFest 2018, IIT Bombay.
- Represented IITT at IITGn for Students Leadership Conclave 2018.

### Positions of Responsibility

#### Placement Representative, Electrical Engineering'20

[Aug'19 - Present]

- Overseeing the smooth conduction of placements for the batch of 2020.

#### Member of Technical Affairs Council

[Aug'18 - Apr'19]

- As the member of Technical Affairs Council, my job was to advise the Technical Secretary to the best of my understanding on any proposed technical changes. Technical Affairs Council also holds the accountability of institute's performance in Inter IIT Tech Meet.

#### Sponsorship Head, Tirutsava 2018

[Sep'17 - Mar'18]

- Worked with a team of five members, which aimed to convince investors to invest capital in the fest and become partners. My role was mostly focused on team management, planning and resource management. I improved my soft skills while talking to corporate people, presenting the benefits of the investment and convincing them for the same.

#### Marketing Head, Tirutsava 2019

[Sep'18 - Feb'19]

- Led a team of 13 members which was responsible for the outreach of the fest through every possible channel. Be it Digital Marketing or Internet Marketing or Affiliate Marketing. Apart from marketing, my role was mostly stuck with team management and planning.

### Extra Curricular activities

- Active volunteer of Navajeevan Blind Schools under National Service Scheme programme at IIT Tirupati.
- Participated in MarkMania 2019, IIM Lucknow.
- Stood first in line following bot competition, Bot Rivalry, Anfang 2k17, IIT Tirupati.
- Qualified for 2nd Round of Hero MotoCorp Campus Challenge.