

PRERANA PRIYADARSHINI

4th year Undergraduate Student ◊ Department of E&ECE,IIT Kharagpur

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EDUCATION

Indian Institute of Technology,Kharagpur

Bachelor and Master of Technology (Hons.)

Electronics & Electrical Communication Engineering

July 2017 - Present

CGPA: 7.25/10.00

D.A.V. Public School, Unit-VIII, Bhubaneswar

Senior School Examination, XIIth CBSE

June 2015- April 2017

Percentage: 92.6

D.A.V. Public School, Unit-VIII, Bhubaneswar

Secondary School Examination, Xth CBSE

April 2003- March 2015

CGPA: 10/10

ACADEMIC ACHIEVEMENTS

- **98.41 percentile out of 13 lac candidates** in JEE Mains , 2017.
- NTSE Scholar (2015)- Awarded by NCERT,India(**among the 1000 awardees out of 9 lac applicants**).

RESEARCH WORK AND INTERNSHIP

RMSOEE, IIT Kharagpur-(Financial Modeling Intern)

May 2020 - Present

- Working under Prof. Manoj Kumar Mandal, RMSOEE, IIT Kharagpur.
- Involves collecting historical data from the **BSE portal** of a specified company and preparing a financial appraisal used for investment decisions.
- Involves **Accounting, Financial Modeling and Analysis**.

Superbolt Technologies Pvt. Ltd.-(Business Operations Intern)

May 2019- July 2019

- Specifically worked on **operations analysis** of the company, devised and implemented plans on reducing the production time and increasing efficiency.
- Single-handedly on-boarded **100 designers and modellers** from Bangalore within a week.
- Initiated long term plan for scaling the project PAN India.
- Performed **market research** on probable leads across various domains for expanding the content.
- Worked in direct collaboration with the CEO, Business Development Head and Content Head of the startup.

Department of HSS, IIT Kharagpur-(Undergraduate Researcher)

Dec' 2019 - Present

- Working under Prof. Mantu Kumar Mahalik on the impact of overall Foreign Direct Invest and Public Investment on a country's **Private Domestic Investment**.
- Analysing panel data from the **BRICS countries** for 1980s to 2019.

RELEVANT COURSES

Foundations of Entrepreneurship	Complete React and Redux
Business Environment and Policy	The complete financial analyst course 2020
Matrix Algebra	Programming and Data Structures Lab
VLSI Engineering	Probability & Stochastic Processes
Microcontrollers and Embedded Systems	Digital Electronic Circuits

RESEARCH INTEREST AND SKILLS

Work Interest	Finance, Economics, Front-end Development
Relevant Skillset	C++, HTML, CSS, JAVAScript, React.js, MATLAB, Microsoft Office
Languages	English, Hindi, Odiya

EXTRA CURRICULAR

Front-End Development

- Currently designing an **e-commerce** website of my own, aiming to start-up with it in the future.
- Using **HTML, CSS, Javascript and React JS**.

Smart India Hackathon, Govt. of India

Feb' 2020

- Participated in Smart India Hackathon 2020 in a team of 6 members from our institute.
- Worked on a problem statement regarding detection of forged DeepFake videos and images.

Choreography Captain-(SN/IG Hall of Residence)

June 2019- Present

- **Captain** of Choreography Team, SN/IG Hall of Residence for **General Championship (2019-20)**.
- Responsible for a team of **35+ members** competing with 9 other participating halls.
- Managing a budget of **Rs.60, 000+** for the same.

Dance Events

- Secured Gold in **Centrifuge, Spring Fest 2020**, IIT Kharagpur.
- Part of Gold winning contingent of IIT Kharagpur at **Inter IIT Social and Cultural Meet 2019**, IIT Bombay.
- Secured Silver at **Carpe Diem 2018 & 2019**, IIM Kolkata in Group Dance & Gold in Street Battle .

Sports Events

- A member of National Sports Organization, **Basketball**, IIT Kharagpur.
- Was a part of Girls Basketball team for an Inter College Competition(2018), West Bengal.
- Blue belt in **Karate** from Rajya Jawahar Bal Bhawan, Bhubaneswar, Odisha.
- Won bronze medal in **Kick-Boxing Tournament(2009)** by Khurda District Kick-Boxing Association.