

Pula Jathin Reddy

3rd Year Undergraduate
Department of Electrical Engineering

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2021 - Present	B.Tech	Indian Institute of Technology, Kanpur	7.13/10
2021	BSET(XII)	Narayana Junior College, Hyderabad	97.8%
2019	SSC(X)	Viswabharathi High School, Gudivada	10/10

Scholastic Achievements

- Secured **All India Rank 1278** in **JEE Advanced 2021** among the 1.2 Lakh shortlisted candidates.
- Secured **All India Rank 1506** in **JEE Mains 2021** out of more than 1 million candidates.
- Secured **All India Rank 421** in **JEE Mains (B.Arch) 2021** out of more than 1 million candidates.
- Secured a **Rank of 27** in **COMEDK UGET 2021** out of more than 44 thousand candidates.
- Secured a **Rank of 433** in **AP EAPCET 2021** out of more than 2.5 Lakh candidates.
- Secured a **Rank of 593** in **TS EAMCET 2021** out of more than 2.2 Lakh candidates.

Key Projects

- APPLICATIONS OF REINFORCEMENT LEARNING - ACA, IITK Project** (May'22- July'22)
 - Exposure to data processing libraries - **Numpy, Pandas, Matplotlib** and two different **Supervised** Learning Models .
 - Applied a **Classification** model based on **Multivariable Logistic regression** method with more than **95 %** accuray.
 - Developed **four** agents based on **Q-learning** and **SARSA** algorithms for different environments from **GYM** library.
- BREAKDANCE - Course Project** (July'22-Nov'22)
Instructor: Dr. Mohit Law, TA202, IIT Kanpur
 - Successfully coordinated a group of nine individuals and built a miniature model of **Breakdance** amusement park ride.
 - Utilised **CAD** to visualize the project design and **Arduino** programming to control and operate the motors.
 - Managed project timelines and deadlines, ensuring the completion of tasks within the specified timeframe and delivering the final product on schedule.

Technical Skills

- Programming Languages:** C, C++, HTML5 & CSS, Python
- Software and Libraries:** Git/Github, Numpy, Pandas, Matplotlib
- Skills:** Competitive Programming, Front-end Web Developer

Positions of Responsibility

- SENIOR EXECUTIVE, Public Relations** (Sep'22-March'23)
 - Actively participated in Non-Core Weekend organized by **TECHKRITI'23** in collab with **FAC, IIT Kanpur**.
 - Served as the **Point of Contact (POC)** for prominent personalities including **R. Chidambaram**, ensuring seamless communication and smooth coordination throughout the festival.
 - Worked on **Data-Basing** & Involved in various events conducted by **TECHKRITI'23**.

Relevant Courses

Linear Algebra & ODE Fundamentals of Computing Introduction to Electronics Probability and Statistics Complex Variables and PDE Introduction to Electrical Engineering	Signal, Systems and Networks Linear algebra and Differential Equations Introduction to Microelectronics Real Analysis Control systems analysis Introduction to Logics
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Extra-Curricular Activities

- VOLUNTEER, Student Placement Office, IIT Kanpur** (Dec'22)
 - Managed logistics of shortlisting tests, interviews for the recruiting process.
 - Handled recruitment process of companies like Barclays, HCL etc.

Other Intrests

- Highly interested in exploring fields of **Software Developments, Machine Learning** and their applications.