

VADLAMOODI VENKATA SUBA MAHANTH

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EDUCATION

Indian Institute of Technology Kharagpur

Pursuing Bachelor of Technology course in Electrical Engineering

Expected graduation May 2025

CGPA 9.18

Happy Valley International School, Andhra Pradesh

May 2021

Senior school certificate examination CBSE (XII)

Percentage 94

RELEVANT COURSEWORK

- Programming and Data Structures (CS19003)
- Linear Algebra, Numerical and Complex analysis (MA11004)
- Probability and Statistics (MA20205)
- Signals and Systems (EE21201)
- Network analysis (EE21203)
- Analog electronics circuits (EE21205)
- Programming and Data Structures Laboratory (CS19003)

PROJECTS

1. 2D movement regulation of 3D printer using Arduino uno

March 2022

- Designed 2D regulating model of a 3D printer nozzle using stepping motors and sketches to draw images in 2D(x and y direction)
- Programmed code for model to perform its movement along x and y direction using Gcode(geometric code).converted the desired image to svg form and then to Gcode and compiled the code to get output.

COMPETITIONS AND ACHIEVEMENTS

- Earned a **4 star** rating in c++,python.
- Secured **All India Rank 7963** in Joint Entrance Exam Advanced - 2022 among 150,000+ candidates.
- Secured **All India Rank 15131** in Joint Entrance Exam Mains - 2021 among 1,000,000+ candidates.
- Secured **State Rank 873** in Andhra Pradesh EAPCET exam - 2021 among 200,000+ candidates.

SKILLS AND EXPERTISE

- Competitive Programming, Algorithms and Data Structures, Web Development, Operating System (Windows).
- Languages - Proficient in C++,Python,HTML,CSS,JavaScript.

EXTRA CURRICULAR ACTIVITIES

- Photographer at clickkgp,IIT Kharagpur.
- Theatre practitioner at Prasthanam Dramatics society, IIT Kharagpur.
- Web team member at Electrical Engineering Society,IIT Kharagpur
- Mentored 100+ students for examinations like JEE Mains, JEE Advanced by solving various difficult problems.
- Contributed to the Illumination programme of Lal Bahadur Shastri Hall Of Residence.