



ANUSHKA MEENA

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ACADEMIC DETAILS

Year	Degree/Board	Institute	GPA/Marks(%)
----	B-Tech in Engineering Physics	Indian Institute of Technology, Delhi	7.562
2020	CBSE	Delhi Public School, Vasant Kunj	92.4
2018	CBSE	Delhi Public School, Vasant Kunj	94.8

SCHOLASTIC ACHIEVEMENTS

- **JEE : Top 1% out of 1 million** aspirants nationwide in the joint entrance exams.
- **Certificate of merit:** Awarded by Silver-zone Foundation in **International Olympiad of Science, Maths and English** for 7 consecutive years
- **99** in Math and **95** in English, Social Science and Hindi in 10th examinations held by CBSE
- **95** in Physics and Computer Science at the CBSE assessments of 12th.

PROJECTS

- **Data Structures and algorithms:** Built a search suggestion system which for every query string return a list of all products which could be possible autocomplete options after the given query. (prof Amitabha Bagchi)
- **Project to implement a clock display using a Gray code counter designed by Verilog:** Implemented the Gray code counter on a CPLD board that drives a 7-segment display through a 7447 IC to visually represent elapsed time in seconds. (prof Dhiman Mallick).
- **Project to assemble stacked plates:** Assembled stacked plates for storage from scratch using shearing, bending, drilling and hemming. Created a prototype using AUTO CAD.
- **Term Paper on Mirage and Looming:** Theoretical background, working principle, observation and study, characteristics, response curves and plots, applications and discussions.

RELEVANT COURSES

- **Departmental Extra Courses:** Introduction to Electrical Engineering, Introduction to Electrical Engineering (Lab.), Introduction to Engineering Visualization, Calculus, Product Realization through Manufacturing, Engineering Mechanics, Introduction to Computer Science, Introduction to Chemistry, Linear Algebra and Differential Equations, Chemistry Laboratory, Digital Electronics, Signals and Systems, Chemical Synthesis of Functional Materials,
- **Departmental Core Courses:** Electromagnetism & Quantum Mechanics, Physics Laboratory, Classical Mechanics & Relativity, Mathematical Physics-I, Optics & Photonics-I, Solid State Physics-I, Engineering Physics Laboratory-I, Quantum Mechanics, Solid State Physics-II, Mathematical Physics-II, Engineering Physics Laboratory-II, Electrodynamics, Engineering Physics Laboratory-III,
- **Other courses:** Introduction to Engineering, Professional Ethics and Social Responsibility-1, Language and Writing Skills-1(Non-graded), Professional Ethics and Social Responsibility-2, Language and Writing Skills-2, Theories of Personality

TECHNICAL SKILLS

- **Tools:** Autodesk Inventor, LaTeX, Microsoft Office, Microsoft Excel, Power point, Adobe Premier, Adobe express, Unreal Engine, Olex 2, Chimera, Visual Studio Code, KEGG, PDB **Programming languages:** Python, HTML5, Java, C++. **Other skills:** ML/AI Model training, Azure, Data Analytics **Project(AI/ML):** 1.Predicting Customer Churn and Generating Actionable Insights for Subscription-based Businesses. 2. E-Waste Chain – A Blockchain Simulation of E-Waste Movement. 3. Spam Detection ML project. 4. Customer Support Chatbot with GPT + RAG (Retrieval-Augmented Generation).
- **Work-Ex:** Internship at Coforge, Delhi. Built an MDM Project with UI interface, adding AI/ML features for Core Information Processing for Multinational Companies

EXTRA CURRICULAR ACTIVITIES

- **English: Participation and prizes** in Debate, Group Discussion, and Story Telling competitions held at school levels till 12th.
- **Drama: Selected** in the IIT Delhi stage drama team, Ankahi amongst **200+ actors**
Lead role in rendezvous theme video.
Lead role in the Inter-Hostel story making competition
Lead role Inter-Hostel ad making competition.
- **Dance: Selected** in the IIT Delhi contemporary dance society, Ensemble amongst **100+ dancers**
Performed for over **1200 people** at cultural events like BRCA night and **Rendezvous, IIT Delhi cultural fest**
Winner of Inter-Hostel group dance competition-2023
- **Debating: Special Mention** as a speaker in **Stalwarts- freshers tournament**
- **Photography: Face of PFC** Inter IIT photo story competition in **IIT Kharagpur**
- **Fashion Society: Participation** in the Inter-College competitions.
Performance on Bollywood day.
- **Inter IIT:** Participation in Group Dance competition at **IIT Patna**
- **Coordinator** at **Kaizen**, managed the events, inventory distribution, venue allocation, smooth operations, for one of the largest social extravaganzas organized in India by NSS IIT Delhi.