Sanket Rout

B.Tech in Mechanical Engineering

Indian Institute of Technology, Delhi

📞 +91-8144678577

✉ me1230384@iitd.ac.in

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ACADEMIC DETAILS

- **Indian Institute of Technology, Delhi (B.Tech in Mechanical Engineering)** | CGPA: **9.02** ——
- **SAI International School, Bhubaneswar** (CBSE) | Percentage: **95.8** *2023*
- **DAV Public School, Bhubaneswar** (CBSE) | Percentage: **94** *2021*

SCHOLASTIC ACHIEVEMENTS

- **Merit List Awardee:** For academic performances **(top 7 percentage)** Sem II *2023*
- **JEE Advanced:** Secured an **All India Rank 1660** out of more than 1,85,000 candidates *2023*
- **JEE Mains:** Secured **All India Rank 2326** among 1.1 million candidates *2023*
- **National Standard Examinations (NSEs):** Qualified for **INPhO, INChO, INAO** by HBCSE *2023*
- **Kishore Vaigyanik Protsahan Yojana(SA):** **All India Rank 440** by IISC Bangalore *2022*
- **Zonal Informatics Olympiad (ZIO):** Qualified for **INOI** by IARCS *2022*
- **National Talent Search Examination:** Recipient of **National Talent Search Scholarship**, NCERT *2021*

PROGRAMMING ACHIEVEMENTS

- **Codeforces:** Max rating of **1359** ‹/›

RELEVANT COURSES

- **Computer Science:** Introduction to Computer Science
- **Mathematics:** Calculus, Linear Algebra and Differential Equations

PROJECTS

- **8-Bit Digital To Analog Converter(Prof. Gourab Ghatak)** (Course Project) *Mar'24-April'24*
  - Developed an 8-bit Digital-to-Analog Converter(DAC) using 741 operational amplifier, R-2R ladder network
  - Gained proficiency in **analog circuit design**, **op-amp** applications, **signal processing techniques**

TECHNICAL SKILLS

Programming Languages: Python, C/C++, SQL, HTML, CSS, Javascript

Tools: LaTeX, AutoCAD

Libraries/Frameworks: Numpy, Matplotlib, Bootstrap

POSITIONS OF RESPONSIBILITY

- **Activity Head** Rendezvous'24 *Oct'24*

EXTRACURRICULARS

- **NSS:** Volunteer at **National Service Scheme**
- **Chess:** Highest rating of **1590** at chess.com and **1959** (Rapid) at lichess