



**MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY,**

**Allahabad, 211004**

**SOUMYA SINHA**

**ELECTRICAL ENGINEERING**

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**EDUCATIONAL DETAILS:**

Education Level	Institution	Year of Completion	Score/CGPA
B-Tech (Electrical Engg.)	Motilal Nehru National Institute of Technology, Allahabad	2016-2020 (Current Qualification)	8.91/10 (CGPA)
AISSCE ( Class XII )	Air Force Golden Jubilee Institute	2016	93.6%
AISSE ( Class X )	Air Force Golden Jubilee Institute	2014	10/10 (CGPA)

**PROJECT EXPERIENCE:**

- **Project 1: Appointment Manager application**
  - Allows us to book appointments with any doctor registered on the app
  - It calculates the distance between the patient and the doctor's clinic
  - Allows you to choose a particular free slot in the doctor's appointment list.
  - Also calculates the time at which you should leave for the clinic from you current location
- **Project 2: Home Automation**
  - Automated lighting using IOT (Internet of Things)
  - Design and simulation of a self-adjusting solar panel.

**PROGRAMMING LANGUAGES/SOFTWARE KNOWN:**

- C/C++
- Android Studio IDE
- Arduino IDE
- SQL Basics

**AREAS OF INTEREST:**

- Android app development.
- Machine Learning
- Data Structures
- Competitive Programming
- Embedded Systems

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**ACHIEVEMENTS AND AWARDS:**

- **Academic:**
    - Second position in the event 'Pentathlon' conducted under the PowerSurge segment of Avishkar (Annual techno-management fest of MNNIT Allahabad) 2017.
    - Participated in the event Electromania in Techkriti (Annual techno-management fest of IIT Kanpur) 2018.
  - **Extra-Curricular:**
    - Active member of Dramatics Club, ALCHEMY at MNNIT Allahabad.
    - Secured 2<sup>nd</sup> and 3<sup>rd</sup> position in team dramatics event during Culrav 2018 and 2017 respectively.
    - Secured 3<sup>rd</sup> position in Duet act competition.
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