

DEWANSH YADAV (2021UEE4628)

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EDUCATION

B.Tech. (Electrical Engineering)	May 2025	Netaji Subhas University of Technology, New Delhi	7.55 CGPA (up to 4thsem)
CBSE (Class XII)	May 2021	Kendriya Vidyalaya AFS Tughlakabad, New Delhi	92.00%
CBSE (Class X)	May 2019	Kendriya Vidyalaya AFS Tughlakabad, New Delhi	90.00%

PROJECTS

Personal Portfolio Website, Front-end Development, ([link](#)) **Feb 2023 - Mar 2023**

- Implemented personal portfolio website using **HTML5**, **CSS3**, and **JavaScript** to establish the foundational structure, interactivity visual design and behavior of the **web page**.
- Maintained a **high uptime rate of 99%** while seamlessly integrating multimedia elements.
- Integrated 10 **button-accessed features** to optimize the browsing experience across different devices.

ANPD Parking Management System, Machine Learning, ([link](#)) **Jan 2023 - Feb 2023**

- OpenCV**, **EasyOCR** is used for **optical character recognition** from **real-time pictures** with 95% precision.
- Developed an **Automatic number plate detection** using **machine learning technology**, reducing human intervention by **90%**.
- Achieved a significant improvement in **accuracy and security**, with a **100%** enhancement, and employed **MYSQL** for 1 **back-end Database** to manage data input, output and searching.

Digital Clock, Web Application, ([link](#)) **Dec 2021 - Jan 2023**

- Formulated and deployed a **Digital 12-hour format Clock** using HTML, CSS, and JavaScript.
- Displayed **3 moving dots** representing hours, minutes, and seconds using Scalable Vector Graphics (**SVG**).
- Attained latency of **less than 100 milliseconds** and reducing data inconsistencies.

Black Line Detection Car, Working Model, **Jan 2019 - Mar 2019**

- Managed a team of **5 members** and oversaw the project from ideation to implementation.
- Summarized knowledge of **microcontrollers** (Arduino), **motor driver modules**, and **5-channel IR sensors**.
- Calibrated the **IR sensor module** to achieve a detection accuracy rate of 100% for black line detection.

TECHNICAL SKILLS

- Core Programming Languages: **Java** | **Python** | **MySQL** | **HTML** | **CSS** | **JavaScript** | **C-Programming**
- CS Subjects: **Data Structures & Algorithms** | **OOPs** | **DBMS**
- Core Subjects: **MATLAB** | **VHDL** | **Digital Circuits and Systems** | **Signals and Systems** | **Power Electronics**

ACHIEVEMENTS AND AWARDS

- Attended the **180DC Asia Pacific Summit'23**, and gained insights into social entrepreneurship.
- Shortlisted for the SSB Interview** after clearing the **NDA-146** written exam in 2022.
- Ranked among the **top 20** teams in **NSUTTHON'21** by **Crosslinks**, **NSUT**.
- Secured selection for **Atal Tinkering Lab** by Kendriya Vidyalaya Sangathan, 2019.

POSITION OF RESPONSIBILITY

Senior Consultant, 180-DC NSUT

- Collaborated with 4 startups**, including **BikeWo** and **Wastelink**, facilitated expansion and scalability.
- Interviewed 10+** students for the final core team of 180DC for the 2022-23 session.
- Co-ordinated Biz-Wiz 180 competition** for freshers, and onboarded **15 teams**.

Volunteer, NSS NSUT Cell