AMAN TRIPATHI

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EDUCATION

Bachelor of Technology, *GLA University, Mathura*	May 2023
Intermediate, *Little Flower House, Varanasi*	May 2018
High School, *M.R.E.S, Varanasi*	May 2016

INTERNSHIP EXPERIENCE

T.T.I, U.P. Rajya Vidyut Utpadan Nigam Ltd. Obra, Sonebhadra

Industrial Training   July 2021 - Aug 2021

Thermal Power Plant (BTPS)

E.E., EMD-II BTPS, Obra

- General concepts and working of thermal power plant, and its components, especially turbine.

Job Oriented Value-Added Course (JOVAC), Online   June 2021 - July 2021

Summer Internship

- Design, Control, and simulation of Power converters for PV and
- Electric Vehicles Using MATLAB/PSIM

PROJECTS

Solar Panel with Sun Position Tracking   Mar 2022 - May 2022

Supervisor-Dr. Anurag Priyadarshi-Assistant Professor, GLA University

- The designed project aims at tracking the sun to achieve the maximum sun light incident on the solar panel during anytime of the day. The project is useful during cloudy days.

Counting Objects on Conveyer by Using PLC   Oct 2021 - Dec 2021

Supervisor- Sachin Goyal-Assistant Professor, GLA University

- Objects are continuing on the conveyer. We really want to count the all-out number of items gathered toward the finish of conveyer and show it on the neighbourhood control board.

Design Of Buck Converter for EV   Jun 2021 - Jul 2021

Supervisor- Arvind Kumar Yadav-Assistant Professor, GLA University

A single seater EV is equipped with a 48 V battery, and this EV is to be charged from the main dc rail bus of 110 V.

- In this Project I have to use **Buck Converter** for converting 110V to 48V and design the simulation circuit in PSIM.
- Also Design of **PCB layout** of the power converter, along with Plain layout of the PCB circuit.

Paint copter, UAVs (Unmanned Aerial Vehicle)   Jan 2021 - Mar 2021

Supervisor-Mukesh Pushkarna-Assistant Professor, GLA University

- In this project a drone which is used for painting the High-Rise buildings because they are very tall, and labour cannot do this work. If it is done by labour, the work is not so good, or we can say that 'not properly'.
- By this Paint copter we have to paint a building without using labour with minimum time and minimum cost.

SKILLS

Technical
- Object-oriented programming
- PSIM
- C-Programming
- Proteus
- MATLAB
- Problem Solving
- Data Structure and Algorithm

Professional
- Effective Analytical Skills
- Ability to identify and solve problems
- Team Leading Quality
- Critical Thinker

Extra/Co-Curricular Activities

- **Coordinated NEXUS (Tech Fest, GLA)**
- **Finance Head (Aeromodelling Club)**
- Event Management Head (E-Soc)
- Campus Ambassador (Intern mind, GST)

Declaration I hereby declare that all the above-mentioned information is true and correct to the best of my knowledge.

Signature: