

SHALU GUPTA

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OBJECTIVE:

To apply best of my knowledge in a challenging and honored society that can provide me immense opportunities to grow intellectually, technically and professionally in concurrence with its goals and objectives.

EDUCATIONAL QUALIFICATIONS:

<ul style="list-style-type: none">● Bachelor of Technology(E.C) (2011-15) Dr. M.C.Saxena College of Engineering and Technology	Percentage:69
<ul style="list-style-type: none">● Senior Secondary Examination (U.P BOARD - 2011) Kalind Intermediate College,Deoria (U.P)	Percentage:75
<ul style="list-style-type: none">● High Secondary Examination (CBSE - 2009) Kendriya Vidyalaya Deoria (U.P)	Percentage:82

TRAINING CERTIFICATIONS:

- ❖ 1.Workshop training of robotics (embedded system) in **BHU** organized by **BYTE CODE CYBER SECURITY**
- ❖ 2. Workshop training of entrepreneurship in **IIT Kanpur**.
- ❖ **Literary contribution to publications:**
- ❖ Paper presentation in international journal of applied and behavioral Science on the topic
1.TRANSPARENT ELECTRONICS
2.SURFACE RADAR

FINAL YEAR PROJECT:

- ❖ Obstacle avoiding robot with LPG Gas Sensor.

The aim of project to avoid any obstacles or objects in front of robot and automatically change its path and if LPG gas leak then it detects the LPG gas. Gas detection is done through MQ4 sensor. If the sensor detects gas leak robot automatic stops. IR sensor pair is used to detect any obstacles comes in front of robot and sends signal to microcontroller and as the microcontroller control the movement of DC motors robo change its path according to position of obstacles.

Technical Skills:

- ❖ Programming language: C, PHP
- ❖ Software-Basic embedded system

SUMMER INTERNSHIP:

- ❖ **RDSO** (Research Development and Standard Organization)
- ❖ Undergone Two months certified training under the executive engineer on **General and Basic Ideas of Controlling and Signaling of Trains.**
Learning Modules: - electronic LC gate communication system, digital clock with GPS synchronization.

EXTRA CURRICULAR ACTIVITIES:

- ❖ Participated in power point presentation competition in technical fest .
- ❖ 3rd Prize on cluster level Debate competition in Social Science Exhibition at **K.V. BHU Varanasi.**
- ❖ 3rd Prize on cluster level Debate competition at **K.V. Azamgarh.**
- ❖ Served as house captain in the school for continuously 3 years.

PERSONAL INFORMATION:

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| ❖ Father's Name | Dr. D.K Gupta |
| ❖ Gender | Female |
| ❖ Date of Birth | 19 march, 1994 |

- ❖ **Nationality** Indian
- ❖ **Languages Known** English and Hindi
- ❖ **Interest and hobbies** Reading novels