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Rani Kushwaha

Technical Skills: Java, Orcad, Allegro, LtSpice.

Certification:
- MATLAB Fundamentals and MATLAB Onramp April 23.

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (ECE)	Oct' 2021 – April 2025	VIT Bhopal University	8.68/10
Class XII	May 2021	Govt. Higher Secondary School Mandawar, Rajgarh (M. P.)	97.6%
Class X	May 2019	Govt. High School Kunwar Kotri, Rajgarh (M. P.)	96.2%

ACADEMIC PROJECTS

Motion detection camera	**Motion detection camera (Jun'22-Oct'22)s** - Description: This system will help to secure the home and office, the main purpose of this Motion detection camera is to sense an object nearby this device. - Technology: Tinker Cad, Arduino IDE, - Team Project: 4 members - Role: Hardware designing
Smart Agriculture System Using IOT	**Smart Agriculture System using IOT (Nov'22-March'22)** - Description: The objective of this system is to detect the moisture content of the soil and depending on it automatic irrigation. - Technology: Internet of things, sensors, arduinoIde, nodemcu - Team Project: 4 Members - Role: research and hardware designing

INTERNSHIP

Laptop Charger	**65W USB Dual-C Type Laptop Charger (June 24 – Dec 24)** - Project focuses on designing an efficient and compact dual charging solution for Laptop - USB-C Power Delivery (PD) technology used to support fast and efficient charging - Applied stages for product design are as Schematic design, prototyping, component selection, Bill of Material(BOM) creation and layout

EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	- Awarded with 100% scholarship to pursue B. Tech under "STARS SCHEME". - Secured 1st rank in district merit list during 12th exam and 1st rank in my class during 10th exam.
Responsibilities	- IOT Club Membership

ADDITIONAL INFORMATION

Hobbies	- Playing Games- Cricket
Languages	English, Hindi