

# RUCHI KUMARI

## ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
M-Tech (Power Electronics)	Electrical Engineering IIT (BHU), Varanasi	9.40	2021
Electrical and Electronics Engineering	O P Jindal Institute of Technology	82.78	2017
CBSE (XII)	Senior Secondary School Bhilai Nagar (C.G.)	75.00	2013
CBSE (X)	Senior Secondary School Bhilai Nagar (C.G.)	66.50	2011

## SKILLS

- Programming languages :** C, Python
- Engineering Software :** Verilog, MATLAB, MS office, SAP, Proteus, keil
- Area of interest :** analog electronics, digital electronics.

## INTERNSHIP/TRAINING

<b>Assistant Engineer in Electro Technical Lab at JSPL Raigarh</b>	Dec 2017- June 2018
• Learned about testing of transformer oil and electrical equipments.	
<b>Apprentice in Electrical Maintenance Department at JPL Tamnar</b>	June 2017-Dec 2017
• Learned about working of thermal power plant.	
<b>Summer Training at SAIL Refractory unit Bhilai</b>	June 2016- July 2016
• Studied about power distribution in the plant.	
<b>Summer training in Electrical Repair Shop Bhilai Steel Plant</b>	June 2015- July 2015
• Studied the types and construction of motor.	

## PROJECTS

### UG PROJECT : Voice based alert system for blind people.

- Design and simulate the hardware using **proteus** and **keil** software.
- 8051 microcontroller of ATMEL to control and calculation of distance and send to alert the people.

## CERTIFIED COURSES

- 45 days training on **MATLAB software**.
- 2 days workshop on **PLC**.

## HONOURS AND ACHIEVEMENTS

- Obtained 54.33 marks with a gate score of 506 in GATE 2019.

## EXTRA-CURRICULAR ACTIVITIES

- Coordinator in national level tech fest.

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