 

# CHITKARA INSTITUTE OF ENGINEERING & TECHNOLOGY

RAJESH KUMAR

#602 Sector 20 Part-2,

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# OBJECTIVE:

I seek challenging opportunities where I can fully use my skills for the success of the organization.

# EDUCATION:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification/Degree** | **School/College** | **University or Board** | **Year** | **Percent** |
| B. TECH (ELECTRICAL ENGINEERING) | Chitkara College of Applied Engineering, Punjab | Chitkara University | 2017-2020 | 87% |
| DIPLOMA (ELECTRICAL ENGINEERING) | Shree Ram Institute of Technical Education, Barwala, Haryana | Haryana State Board of Technical Education, Panchkula | 2014-2016 | 65% |
| I T I | Govt. Industrial Training Institute, Chandigarh | Directorate of Technical Education, Chandigarh | 2011-2013 | 85% |
| Class XII | Self-Study | N.I.O. S | 2013-2014 | 67% |
| Class X | New India Senior Secondary School, Panchkula | H.B.S.E | 2009-2010 | 85% |

**WORK EXPERIENCE:**

|  |  |  |
| --- | --- | --- |
| **Company** | **Designation** | **Period** |
| Citizen Industries Limited,Ahmadabad | Technical Sales Engineer (Trainee) | 1 Year |
| Bharat Electronic limited, Panchkula | Calibration and Maintenance (Trainee) | 1 Year |

**PROJECTS & TRAININGS:**

# METAL AND NON-METAL SORTING:

To separate metal and non-metal objects and counting using automated system consists of electrical actuators and electro-pneumatic system.

# CONTROL SPEED/DIRECTION OF CONVEYOR BELT

Start/Stop and forward/reverse and speed control of conveyor using PLC and VFD.

# CONTROL 3 PHASE INDUCTION MOTOR:

Start/Stop and forward/reverse of 3 phase IM using Relay Logic and Sensors/Limit switch

# INDUCTION HEATER

It is an electric device which is used for cooking. It directly heats the food without heating the pot. This is an energy saving and fast device. It has mainly three parts driver unit, control unit and electromagnetic wave generator.

# WATER LEVEL INDICATOR

The water level alarm circuit is a simple mechanism to detect and indicate the level of water of tank.

# CONTROL SERVO MOTOR IN DIFFERENT AXIS

Control speed and direction of servo motor using PLC Logic and sensors/limit switch.

# CALIBRATION AND MAINTENANCE OF ELECTRONICS EQUIPMENT

RF Communication test set, Audio Analyzer, AC/DC Clamp Meter, Signal Generator, DMM, Power Meter, LCR Meter, CRO, Avo Meter, Frequency Counter, Electronic Load, RF Meter and power supply.

* **INDOOR AIR QUALITY VENTILATION SYSTEM (HVAC LAB)**

Designed automatic ventilation control system along with CO2 control system for office buildings.

# ACHIEVEMENTS:

**ACADEMIC**

* Certification of 2 months course of Basic knowledge of PLC and their logic.
* Certification of 6 months course of Basic computer course.
* Participated in Tricity Student Talent Search Examination 2010.
* Participated in the workshop of PID Controllers held at Chitkara University (2019)
* Participated in the workshop of VFD Derive held at Chitkara University (2019)
* Visited "Automation expo fest 2018 (Mumbai)
* Visited " Auto Mech expo fest 2019 (Ludhiana)
* Data Entry of calibration data in SAP Database.

# CULTURAL ACTIVITY

* Participated in Republic day Program.
* Participated in dance and drama Program.
* Participated in NCC.

# INDUSTRIAL SKILLS:

* Panel Design
* Technical Sales in HVAC Product
* Calibration and maintenance
* Quotation and order
* Supplier management
* Material cost management
* Supplier material quality assurance
* Negotiation
* Deal with clients

# ELECTRICAL SKILLS:

* PLC Programming (ladder logic)
* Control panel designing
* Electrical estimation and costing
* Ladder logic
* Relay logic

# GENERAL SKILLS:

* Leadership
* Decision making
* Team work
* Time management

# INTEREST:

* Movies
* New things /product
* Nature Adventure

# DECLARATION:

I am declaring that all the above furnished information is free from error to the best of my knowledge and belief.

(Rajesh Kumar)