



**Vijay Kumar** (M.Tech)  
Control and Instrumentation Engineering  
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**Objectives:** Strong willingness to exhibit my proficiency in Digital & Analog Electronics, Logic Design, FPGA, CMOS, HDL and Computing methodology in the professional environment to upgrade my knowledge for development of self and the organization served.

Examination	University/Board	Year	CGPA/%
Post-Graduation:	NIT Jalandhar	2020	8.09
Graduation:	AKTU,(U.P)	2016	72.83
Intermediate:	CBSE	2011	66.80
Matriculation:	CBSE	2009	75.60

## WORK EXPERIENCE

Currently works as Senior Executive in automation and Instrumentation department at Biocon Biologics.  
(From March 22/03/2022)

### Projects covered at BIOCON BIOLOGICS.

- Water plant qualifications
- Installation of CIP workstation. (Cleaning in place).
- Calibration of Instruments and QMS.

### Projects covered during internships at BIOCON BIOLOGICS.

- Energy Meter MODBUS connection.
- Data Extraction from Bioreactors.
- User login creations for systems.
- Participated in Calibration of instruments in chromatography system.
- Participated in PCS Phase-4 Integration.
- From October 2021 to March 2022 works as intern at Biocon biologics India ltd.
- From August 2016 to May 2018, Work as a production executive at HI-FI PowerTronics Pvt Ltd, New Delhi

## TECHNICAL SKILLS

*\*Pursuing*

Languages: Verilog\*, 8051 (Assembly Language), C  
Designing & Simulation Software: Lab View, MATLAB  
Operating System: Wincc Explorer  
Windows

## KEY COURSES

Digital Electronics || CMOS || Verilog || Analog Electronics || 8051  
Microcontrollers & Embedded Systems || Signal & System || Sensor & Transducer || Control System  
Engineering || Microprocessor || MATLAB || Lab View

## ACADEMICS PROJECTS

**M Tech Project | Neuro Fuzzy Based Control for Blood Glucose Level in Human Body.**

[June 19- Dec'20]

*Guide: Prof. AMIT KUMAR SINGH, NIT Jalandhar*

**B.Tech Project | Gesture Robot Controlled by Accelerometer Using Arduino.** [Mar'15-July'16]

*Guide: Assistant Prof. Miss RENUKA GANDHI, GREATER NOIDA INSTITUTE OF TECHNOLOGY*

## EXTRA-CURRICULAR ACTIVITIES

- **Volunteer:** *Volunteered the 3<sup>rd</sup> International Conference on SoCTA-2018 held at NIT Jalandhar, Jalandhar on 21<sup>st</sup>- 23<sup>rd</sup> December, 2018.*
- **Seminar:** *Attend the short-term course on OCDT- 2018 at NIT Jalandhar on 10<sup>th</sup>-14<sup>th</sup> January, 2019.*

## HOBBIES

- *Listening songs,*
- *playing cricket,*
- *cooking*

## STRENGTHS

- *Optimistic & confident.*
- *Hard working.*
- *Adoptable to all kind of environment.*

## DECLARATION

*I declare the details stated to be a true record of my experience and qualification. In the given of employment, I Understand that false and misleading information given by me may result in my discharge.*

*Place: Bangalore*