

# KIRTI SAIN

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## Academic Qualifications:

Exam Passed	Year of admission & completion	Specialization/ subjects	School/College/ University	% of marks/ grade
Bachelor of Technology			GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI	
IV year	2010-2011 (7 <sup>th</sup> semester)	Electrical drives HVDC transmission Non-conventional Energy System Electrical Energy Conservation		71%
	(8 <sup>th</sup> semester)	Advanced Control Systems Flexible A.C. Transmission Systems Embedded Systems		
III year	2009-2010 (5 <sup>th</sup> semester)	Digital Electronics Object Oriented Programming using C++ Communication Systems & Circuits Electrical Measurement & Instrumentation Database Management Systems Organizational Behavior		68%
	(6 <sup>th</sup> semester)	Microprocessor Power System– II Power Electronics Digital Signal Processing Utilization of Electrical Energy VLSI Design & its Applications		
II year	2008 – 2009 ( 3 <sup>rd</sup> semester)	Applied Mathematics – III Analog Electronics-I Circuits & Systems Electrical Engineering Materials Electro Mechanical Energy Conversion – I Data Structures		61%
	(4 <sup>th</sup> semester)	Electro - Mechanical Energy Conversion – II Analog Electronics – II		

I year	2007-2008 (1 <sup>st</sup> semester)	Power System – I Control Engineering – I Electromagnetic Field Theory Power Station Practice		
	(2 <sup>nd</sup> semester)	Applied Mathematics – I Applied Physics – I Applied Chemistry – I Manufacturing Process Introduction to Computers and Auto CAD Communication Skills – I Impact of Science & Technology on Society Applied Mathematics – II Applied Physics – II Applied Chemistry – II Introduction to Programming Engineering Mechanics Electrical Science Communication Skills – II		68%
12 <sup>th</sup> Class	2004 – 2006	Physics, Chemistry, Mathematics, physical education, English.	Central Board of Secondary Education (CBSE)	55%
10 <sup>th</sup> class	2002-2003	English, Hindi, Mathematics, Science, Social Science.	Central Board of Secondary Education (CBSE)	54%

### **Work Experience:**

- Previously worked as Operational Executive in **TATA CONSULTANCY SERVICES LTD.(TCS) through CORE INTEGRA.**
- Presently working as SR. Engineer – ES Division in **BHARAT ELECTRONICS LTD.(BEL)**

### **Training :**

- I completed training of six Weeks from Innovation on Embedded System & Robotics.
- I completed training of six weeks from **BHARAT HEAVY ELECTRICALS LIMITED**, Haridwar.

### **Projects undertaken :**

- Colpitts oscillator.

- Regulated Power Supply.
- Voltage follower.
- IR Remote Controller.
- Break Failure Indicator.
- Digital Combination Lock.
- Energy From Busy Road

## **STATEMENT OF PURPOSE**

*“A dream acted upon by confidence becomes an ambition and that when followed with determination defines the purpose of existence in its entirety”*

Education not only expands the horizons of one's knowledge but also simultaneously implants an insatiable desire to acquire more and more knowledge. Knowledge is that which can enhance the strength of mind and thereby expand the intellect of man. It is that which can transcend the limits of the time and take mankind beyond those limits to the timeless eternity. The knowledge, which science and technology had provided for the mankind has always fascinated me and had left an indelible impression on my mind to envisage my goals and aims ahead.

### **Goals and aspirations**

To pursue higher education in electrical and electronics by doing my masters in an esteemed university, and thereby make a mark in the field of electrical and electronics.

My aspiration is to acquire the wisdom from the knowledge and thereby give it back to the scientific community in specific and mankind in general in the long run.

### **Under graduation course work**

The four years of undergraduate education have been a great learning and enriching process for me. I have studied the subjects viz. Electrical Engineering especially in the fields of Electro Mechanics, Electro magnetic Fields, Electronic Devices and Circuits, Pulse and Digital Circuits, Power Electronics, Electrical Measurements, Power Systems and Semiconductor Drives, Control Systems. I also have knowledge of the fast growing subjects like Digital Signal Processing, Microprocessors, Linear and Digital Integrated Circuits. I have also been made acquainted with programming languages like C & C++ and operating systems as WINDOWS & UNIX. Right since the beginning of my undergraduate study electronics is a subject that has fascinated me with its power of applications.

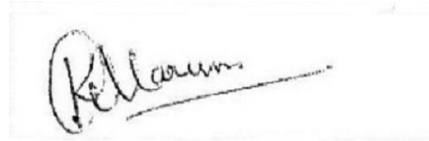
I have a strong desire to learn the new concepts, and self-reliance to face challenges put forth under any circumstances. I want to be associated with an organization which progress dynamically and gives me a chance to improve my knowledge, to enhance my skills and to be part of the team working towards the growth of the organization. I am confident of working with dedication and full commitment in a development team. I look forward to joining your esteemed organization and also learn what it takes to raise an organisation to a stature of repute.

### **Personal Profile:**

<b>Date of Birth:</b>	18 July, 1987
<b>Status:</b>	Married
<b>Languages Known:</b>	Hindi and English
<b>Father's Name:</b>	Mr. Tej Singh Varun
<b>Husband Name:</b>	Mr. Himanshu Sain

### **Declaration:**

I hereby declare that all the above given information is genuine and correct.



**Date :** 20.08.2021

(KIRTI SAIN)