

**PRAKHAR SRIVASTAVA**Course : **B.Tech**, Electronics & Communication Engineering, 2022

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CGPA : 6.75

**ACADEMIC DETAILS**

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	St. Teresa Inter College	ICSE	74.2 %	2018
CLASS X	Stella Maris Inter College	ICSE	67 %	2016

Subjects / Electives	EMBEDDED SYSTEM DESIGN AND PROGRAMMING, HDL PROGRAMMING, EMFT, INTERNET OF THINGS, WEB DEVELOPMENT, EXPLORATIONS IN ENGINEERING, ANSYS HFSS, SOLID STATE DEVICES, DIGITAL AND SIGNAL PROCESSING, CST, FUNDAMENTALS OF LOGIC DESIGN AND TESTING
Technical Proficiency	C Programming, Algorithms, C++ Language, Raspberry Pi, VHDL, MATLAB, JavaScript, Python, Data Structures, Arduino, Azure Bot Service, Web Development, Java, Flutter, React, FPGA, HTML + CSS

SUMMER INTERNSHIP / WORK EXPERIENCE**Trainee in Signaling lab, Research Designs and Standards Organisation (RDSO)****Jun 2019 - Jul 2019**

I have worked in signaling lab in RDSO on security systems which helped me to gain knowledge about working systems which included Traffic Collision Avoidance System, Electronic Interlocking using Universal failsafe block interface. Also I had learned about the railways track system both on platform and tracks.

PROJECTS**DRIVER SLEEP ALERT SYSTEM - Machine Learning****Sep 2020 - Dec 2020**

Driver sleeping alert system is a safety technology that could be used to prevent accidents that may be caused by drivers who fell asleep while driving. It will detect if a person's eyes are closed for a longer period. If eyes are closed for some seconds than this system will alert the driver by sounding an alarm.

Rectangular Waveguide - Electromagnetics Field Theory**May 2020 - Jun 2020**

Simulate the rectangular waveguide on the software CST and implementing different types of modes.

Food Delivery App - App Development**May 2020 - Jul 2020**

(Foodie) Online ordering system greatly simplifies the ordering process for both the customer and the restaurant. Due to the impact of corona virus(covid-19), many people go for home food delivery with zero contact and maintaining the social distancing.

Speech Recognition System - Python Programming**Oct 2018 - Dec 2018**

Speech recognition is the ability of a machine or program to identify words and phrases in spoken language and convert them to a machine-readable format.

Robotic Arm - Robotics**Oct 2018 - Oct 2018**

There was a need for an effective and convenient robot that could pick boxes in factories and pack them precisely and accurately into boxes without conceding error.

AWARDS AND RECOGNITIONS**ICT Star batch of the year | Electronics and ICT Academy IIT Kanpur****Dec 2019****CERTIFICATIONS**

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Waveguide Modes and Antennas	Department of Electronics and Communication Engineering ,Bennett University	This webinar conducted by Bennett University in association with Numeregon Pvt. Ltd. on Waveguide modes and Antennas using the software TaraNG .
Solar Cell	VAS Automation(Prime Vision group)	Conducted by Bennett University associated with VAS automation.
Crash course in Python	Electronics and ICT Academy IIT Kanpur	15 days workshop on Python by E&ICT Academy and scored more than 90%.
Microsoft AI Classroom Series	Microsoft And Nasscom	Completed the Microsoft Azure workshop which was conducted by NASSCOM and Microsoft scoring more than 85% in the assessment.
Cybersecurity Essentials	CISCO	Program conducted by cisco on Cyber Security.
Zero2One Entrepreneurship Bootcamp	Whizdom Club by MQDC	To deploy the solution of the given problem in 24 hrs with the working model.
Introduction to Packet Tracer	CISCO	Program conducted by cisco on Cyber Security.
Cloud Core	IBM	Successfully completed and received a passing grade in Introduction to cloud holding a badge on LinkedIn.

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Training Certificate on Internet of Things	Electronics and ICT Academy IIT Kanpur	Training on IOT conducted by E&ICT Adcademy at IITK.
Forensic Domain and Career Opportunities in Cybersecurity	EC-Council	Attended the webinar on forensic domain and career opportunity in cyber security conducted by EC-Council.
EXTRA CURRICULAR ACTIVITIES		
Chess Basketball		