TARUN KUMAR
Department of Electronics and Communication Engineering
National Institute of Technology,
Uttarakhand

BT17ECE051
UG Second Year (B. Tech.)
Male
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OBJECTIVE

Seeking challenge to hone my skills by working in consonance with the organization's goals and to deliver the best quality with professional integrity and ethics. A good academic background attests to my hard work and enthusiasm for the Engineering projects and research. So, I want to work for an organization which provides me the opportunity to improve my skills and knowledge to growth along with the organization objective.

QUALIFICATIONS

Examination	University/Board	Institute	Year	CGPA / %
Bachelor of Technology	National Institute of Technology, Uttarakhand	National Institute of Technology, Uttarakhand	2017-2021	7.94
Intermediate/+2	Uttar Pradesh Board	D.A.V Inter college, Shahapur, Muzaffanagar	2016	82.4%
High School	Uttar Pradesh Board	D.A.V Inter college, Shahapur, Muzaffanagar	2014	82.4%

Technical Expertise

- Proficient in using Microsoft Word, Excel, PowerPoint.
- **Programming Languages:** C, Embedded C, Python.
- **Projects**:- EVM, Home automation, Prediction of pollution level using machine learning, Prediction of BMI, Bluetooth controlled robot, Temperature controlled appliances, maze solving robot, Smart Switch etc
- **On hand software:**
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  - ATMEL studio.
  - Proteus Design Suite.
  - Machine learning
  - MATLAB at Intermediate level and Coding at basic level.
  - LAB-View software at basic level.
  - Arduino Software and Programing.
  - Web Designing.

Achievements

- Completed six weeks summer training on **Embedded systems** from **CETPA Infotech.**
- Completed six weeks summer training on **IOT** from **CETPA Infotech.**
- Attended two-day workshop at **MNIT Jaipur** on **Machine learning** conducted by **EIsystems India**.
- Attended five-day workshop conducted by college on **ARDUINO**.
- Won first prize in event **LFR** during technical meet in college.
- Participated in **E-YANTRA** competition.
- Participated in **KPIT SPARKLE** competition.
- Participated in Innovation Competition Called **AAVISHKAR** during technical meet of college.

Position of Responsibilities

- Technical Coordinator of college's technical club namely **Hertz**.
- Student Volunteer, Annual Techno-Cultural Fest Cliffesto'18, National Institute of Technology Uttarakhand.
- Student Member, Robotics Club, National Institute of Technology, Uttarakhand.
- Student Member, Photography Club, National Institute of Technology, Uttarakhand.

Profile Summary and personal qualities

- An enthusiastic Student with highly motivated and leadership skills pursuing bachelors of engineering degree in Electronics and Communication Engineering from National Institute of Technology, Uttarakhand.
- Expert in implementation of each step of project.
- Eager to learn new technologies and methodologies.
- Always willing to innovate the new things which can improve the existing technology and help in people's life.
- Ability to produce best result in pressure situation.
- Ability to work as individual as well as in group.

Extra-Curricular Activities

- Photography.
- Debate.

Hobbies

- Travelling.
- Cricket.
- Tech. and research related reads.

Courses Undertaken

Core Courses: Applied Mathematics (I & II), Measurement & Instrumentation, Digital Circuits, Electromagnetic Waves, Electronic Materials and Devices, Basic Electrical Circuits, Signals and Systems, Electronic Circuits*, Microwave & Antennas*, Microcontroller and Interfacing*, Analog Communication*, Control System*, Probability and numerical Methods*.

Self-Taught Courses: Machine learning, Python language, Arduino programming, MATLAB, ATMEL Studios, Embedded C, Web designing.

Areas of Interest: Embedded systems, VLSI Technology, Machine Learning, Analog communication, Microcontroller and Interfacing, IOT, wireless systems.

currently running courses.

General candidature details

Name:	Tarun Kumar
Date of Birth:	05.May.1998
Languages known:	Hindi, English
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