

# NEETESH SRIVASTAVA

M Tech : Communication Engineering and Networks  
Dept of ECE  
NIT Karnataka, Surathkal

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Date of Birth : 01/09/1999

## Objective

Industrious and Research oriented M.Tech. student having keen interest in Communication , interested in improvised practicality of Communication System and its methodologies and eager to contribute for the same.

## Work Experience & Trainings

- Associate Software Engineer, Tech Mahindra Ltd.
- Summer Training:- National Thermal Power Corporation NTPC – Jhanor ,Urjanagar , Bharuch , Gujarat (28/06/2018 to 08/07/2018)
- Training (On Embedded for 3 months :Robotics at Apron solutions private limited (25/01/2017 to 10/03/2017 )

## Projects

- Designed a Finite State Machine in Verilog to control tail lights of a car
- Traffic light controller using verilog
- **Intruder Detection and Tracking using 77GHz FMCW Radar and Camera Data:** Combining radar and optical sensors accomplishes tracking accuracy and coherence in target detection and tracking.
- **Power and distortion monitoring for radar signal authentication using 77GHz IWR1642 radar sensor:** Classification of received signals as interference free or multipath effected and jammed according to observations of received power and correlation function.
- **Embedded Project: Future Weapons : Automated Military Tank:** A UAV tank designed and developed to enhance the strength of our country's security system which will help our military forces to track illegal operation of terrorists at LOC etc .This project is inspired by DRDO Daksh project and by our former Army Chief GEN Bipin Rawat
- Embedded Project:7 Segment Display Interfacing with 8051 Microcontroller

## Technical Skills

- **Programming Languages :** MATLAB, C ,cpp
- **Tools :** Codeblocks, Optiwave ,ADS

## Certifications

- NPTEL (Control System from IIT Madras).
- Robotics at Apron solutions private limited
- Ethical Hacking” conducted by Techkriti ,IIT Kanpur

## Area of Interests

- Communication
- Wireless Communication

## Achievements

- JEE qualified , JEE Main 2016 cleared in 1st attempt
- NTSE Qualified (Class 9th).

## Academic Qualifications

Year	Degree/Certificate	Institute	CGPA/%
2021 - Present	M.Tech Communication Engg & Network	National Institute of Technology Karnataka, Surathkal	ongoing
2016-20	B.Tech Electronics & Communication Engg	Madhav Institute of Technology and Science , Gwalior	6.97/10
2016	(XII)CBSE	St. Mary's Senior Secondary School, Tindwari Rd, Jyothinagar, Banda	85.8%
2014	(X)CBSE	Shri guru Ram Rai public school Banda	8/10

### Personal Information

- Co- Curricular Activities : NSS Active Volunteer, Asimov club , Music & Book club , Team Management Activities in Inter college festivals
- **Languages Known** : English, Hindi.
- **Strength** : Hardworking, Calm, Optimistic, Innovative.
- **Hobbies** : Chess, Book reading, Coding, Travelling.