

Sumit Raj

3rd year ECE undergrad at NIT Andhra Pradesh.

National Institute of
Technology Andhra Pradesh,
Tadepalligudem-534101,
Andhra Pradesh, INDIA.
Mobile Number-6203157302
email-621255@student.
nitandhra.ac.in

EDUCATION

National Institute of technology Andhra Pradesh (2021-25)

B.tech in Electronics and Communication Engineering .

CGPA-8.98

St.Paul Senior Secondary School(2015-2020)

Central Board of Secondary Education,Begusarai (Bihar)

12th -88%

10th-94.6%

S.B Memorial School(2009-2015)

Central Board of Secondary Education,Khagaria (Bihar)

EXPERIENCE

Executive Member of E-YANTRA CLUB at NIT Andhra Pradesh

The club focuses on drone technology and electric vehicles.

Working as a WRITER for The ECE-HERALD magazine.

The official magazine of the ECE Department at the National Institute of Technology Andhra Pradesh, published biweekly.

Organized events at Techkriya Fest, NIT Andhra Pradesh.

Led events for E-yantra club over two days, engaging over 500 students

PROJECTS

1.Based On Embedded System

Smart Car parking System :This system automatically detects empty parking slots, allowing new vehicles to enter. It updates the LCD screen, facilitating smooth parking operations in facilities with thousands of car parks.

SKILLS

Technical Language

:C++,Python,MATLAB,
Assembly
language,javascript.

Machine Learning.

Embedded System.

VerilogHDL.

Data Structure
andAlgorithm.

CST studio Suite
Software .

Arduino Programming.

HTML,CSS,Bootstrap,

React ,NodeJS ,
expressMongoDB,Git
,github.

Research .

CERTIFICATE And ACHIEVEMENTS

Certificate of
completion of Full stack
web development
course under the
guidance of Angela Yu.

Coordinator of Racex
event held at Techkriya
fest (2023) .

Coordinator of Robowar
and drone simulation
event held at Techkriya
Fest (2023).

2. Based on RF Microwave .

Non-Intrusive Detection of Breast cancer Using Antipodal Vivaldi Antenna :The Change in the reflection coefficient characteristics of AVA antenna are analyzed to detect the tumor cell.

3.MERN based Commercial website: It includes Home Page, Contact Page, About Page and a Login Page with proper authentication.

4.Machine Learning Based: Diabetes prediction using SVM,Salary prediction using Linear Regression and other different projects based on different machine learning Model.

Completion of DBMS course from NPTEL(90%)

LANGUAGES

Hindi,English

HOBBIES

Analyzing News ,watching web-series , Travelling.