

GOUTHAM GUDIPUDI

Graduate Student at NAU and Technical Team member IEEE VFSTR (Vignan University).

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CAREER OBJECTIVE

Looking for a promising & challenging career which will enable me to provide best of my Technical, analytical & professional skills. A career which can sharpen my current skills and Knowledge and where I can have a good scope for learning and implementing new technologies.

EDUCATIONAL QUALIFICATIONS

DEGREE	SCHOOL/COLLEGE	BOARD/UNIVERSITY	YEAR OF PASSING	GRADE POINT
Masters(C.S)	Northern Arizona University,Flagstaff	University	2023-2025 Pursuing	3.75 CGPA
B.Tech E.C.E	Vignan University Vadlamudi	Deemed to be University	2019-2023	8.94 CGPA
Intermediate M.P.C	Narayana Junior College Vijayawada	Board of Intermediate	2017-2019	8.84 CGPA
S.S.C	Narayana English Medium School Tenali	Board of Secondary Education	2017	9.3 CGPA

EXPERIENCE

Technical Team Member **IEEE** Vignan Foundation For Science Technology and Research Vadlamudi Deemed to be University (Oct 2021-present).

Internship (web Development) From **Internpe** : Jun 2023-July 2023

HR Internship From **Subash Sewa Trust** (Social Service) : Dec 2024 – Feb 2025

WORKSHOPS & CONFERENCES

Attended **Web Design Workshop** at Northern Arizona University (Cline Library).

Attended **Virtual Reality Workshop** at Northern Arizona University (Cline Library).

Attended IEEE conference Conducted by IEEE Section Student Congress 22-Hyderabad.

Attended IEEE conference on **IOT for rural health care** organized by VFSTR (Deemed to be University), held during 16-18 December 2021.

PAPERS & PUBLICATIONS

Journal Paper On **COMPARATIVE ANALYSIS OF FIR FILTER DESIGN USING DIFFERENT MULTIPLIERS AND CLA ADDER** (International Research Journal of Modernization in Engineering Technology and Science) Volume:05/Issue:06/June-2023, DOI: <https://www.doi.org/10.56726/IRJMETS42181>.

CERTIFICATIONS

- Certified in “**Joy of Computing Using Python**” from NPTEL
- Certificated in “**CMOS Digital VLSI Design**” from NPTEL
- Certificated in “**Programming in Java**” from NPTEL
- Certificated in “**Deep Learning**” from NPTEL

TECHNICAL SKILLS

- **PROGRAMMING:** Knowledge of C-Language Basics, Python Basics
- Knowledge in MS office (COMPLETED **Diploma in Computer Applications** COURSE)
- **SOFTWARE:** MULTISIM, MATLAB, COMSOL, Xilinx- Vivado, Virtuoso, ISE.
- **HARDWARE BOARD:** ARDUINO, NODEMCU, RASPBERRY-PI, ARM MIC.

CO-CURRICULAR ACTIVITIES

- Won 2nd prize in **Technical Paper Presentation** organized by ECE Department on Engineer's Day-2021.
- Participated in **Essay Writing** competition on world food day-2019.

EXTRA-CURRICULAR ACTIVITIES

- Participated in NSS activities organized by University.
- Won 3rd prize in clay modelling conducted during vignan Mohotsav -2020.
- Coordinated in the branch fest (voice) in the year 2022

PROJECTS

1. **BATTERY CHARGER USING SCR :** 2020-2021(II- I SEM)
It is a silicon-controlled rectifier-based battery charger used for charging 12v batteries, Application for bike battery.
2. **HEALTH MONITORING SYSTEM:** 2021(II- II SEM)
It is based on **Bluetooth technology** used for the measurement of temperature, Heart rate of a person, Application for Hospitals.
3. **IOT BASED WEATHER MONITORING SYSTEM USING NODE MCU:** 2021-2022(III- I SEM)
It is an IOT based project for monitoring weather conditions in environment, it is best application for farmers.
4. **GSM BASED MOTOR CONTROL:** 2022(III- II SEM)
It is an GSM based project for proper utilization of water for the crops, GSM send message to farmer to control the field water pump from the home, it is also the best application for farmers.
5. **COMPARATIVE ANALYSIS OF FIR FILTER USING DIFFERENT MULTIPLIERS AND ADDERS:** 2022-2023(IV-I and IV-II SEM)
It's a comparative analysis study of FIR filter implementation reveals that employing various multiplier design strategies can help identify a high-quality response filter from a range of FIR filters.

STRENGTHS

- Willing to learn
- Confident
- Self-learner
- Creative
- Good at teamwork

PERSONAL INFORMATION

- Age : 23 Years
- Date Of Birth : 11-06-2001
- Father's Name : Mr. Venkata Ramaiah Gudipudi
- Mother's Name : Ms. Lakshmi Nancharamma Gudipudi
- Language Known : Telugu and English
- Hobbies : Listening to Music, reading books, Watching movies.

DECLARATION

I hereby declare that above furnished information is true and factual to the best of my knowledge.

02-03-2023

Flagstaff

GUDIPUDI GOUTHAM