Annapureddy Hemanth Rao

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EDUCATION

B. Tech. (ECE)	2022	Indian Institute of Information Technology, Sri City	**6.6/ 10.0**
Class XII (TSBIE)	2018	Sri Chaitanya jr college	**831/1000**
Class X (SSC)	2016	Sri Chaitanya high school	**8.7 / 10.0**

PROJECTS

Chat-Bot.
(*under the guidance of Dr. Achintya sarkar*)
- To develop chat-bot using RNN and LSTM
- An end to end implementation of chat-bot

Smart helmet
(*under the guidance of Dr. Rajavara prasad*)
- IOT based system
- Collected data from different sensors and sent data to the cloud and then retrieved the data from the cloud and visually displayed it in a web app.
- A prototype helmet for avoiding accidents
- Tools used – Arduino, Firebase

Hearing Aid
(*under the guidance of Dr. Hrishikesh Venkatraman*)
- A Prototype which amplifies the sound with different coefficient based on sound frequency.
- Considering Five amplification coefficients for five buckets of frequencies in the Human audible Range.
- Tools used – Ltspice, logisim Matlab

Classification of Gamma and Hadron
(*under the guidance of Dr. Anish Chand*)
- Classification of a tabulated data taken from telescope image.
- Analyzed the data to understand the patterns and relations in the data.
- Tools used - MATLAB, Machine Learning, Artificial Neural Network.

SOFTWARE SKILL SETS

Languages	:	Python
Operating System	:	Windows10,Ubuntu.
Tools	:	MATLAB, LtSpice , Logisim
Others	:	HTML, CSS.

EXTRA CURRICULAR ACTIVITIES & LEADERSHIP ROLES

NSS Club member
IIIT Sri City

- Worked as an NSS member from 2021-22.

CERTIFICATIONS & PUBLICATIONS

- Covid-19 Data Analysis
- MATLAB onramp @ MathWorks
- Python and Flask Framework @ Udemy