INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, SRI CITY
CHITTOOR, ANDHRA PRADESH

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EDUCATION

B. Tech. (ECE)	2022	Indian Institute of Information Technology, Sri City	**7.08 / 10.0**
Class XII (BIEAP)	2018	Xperts Junior College, Guntur, Andhra pradesh	**934/1000**
Class X (BSEAP)	2016	G.K.R Public School, Guntur, Andhra pradesh	**9.3 / 10.0**

INTERNSHIPS

TI Instruments Embedded System and Internet of Things training internship (May 2021 - june 2020)

- Worked and got to know about different embedded systems designed by TI instruments.
- Learned and implemented API level programming.

PROJECTS

Spy Surveillance Robotic System **(Jan 2020 – Present)**
(*under the guidance of Dr.Sarkar Achintya*)

- A Real time surveillance robot with built-in awareness of its surroundings.
- My work: Implemented YOLOv3 algorithm for detection of objects in a real time video .
- Robot is controlled by an android app and detects objects in a real time live video .

Health Care Monitoring System **(Aug 2020 – Nov 2020)**
(under the guidance of Dr. Munesh Singh)

- Implemented Web Application that helps Doctors to monitor different parameters of

patient and room in which patient is present .

- Tech Stack Used: HTML, CSS,chartJS, Thingspeak API, Flask and MySQL.

Handwritten Signature Verification **(Aug 2020 – Nov 2020)**

(under the guidance of Dr. Anish Chand Turlapaty)

- Identify features that distinguish between handwritten signatures to classify and verify them.
- Performance of the SVM and FeedForward Neural network are compared in this project.

Smart Fire Detection system **(Aug 2019 – Nov 2019)**

(under the guidance of Dr. Raja Vara Prasad)

- IoT based fire detection system which constantly monitors a warehouse with and enabled fire alert.
- My work: Designing front end of the web application and hardware integration.
- Tech Stack: Python, PHP, phpMyAdmin, Components: Arduino, Raspberry Pi, GSM module.

Mathematical Model of an Electronic Differential system for Electric cars (Aug2019 -Nov 2019)*(under the guidance of Dr. hrishikash vankataraman)*

- implemented a system design of an electronic differential system.
- Tech stack used : MATLAB Simulink

SOFTWARE SKILL SETS

Languages	:	C++, C, Python, PHP, MATLAB
Operating System	:	Windows 10, Ubuntu
Frameworks	:	Flask
Databases	:	MySQL
Others	:	HTML, CSS, LT spice,Logisum,Electric, Arduino IDE