**MADANAPALLE INSTITUTE OF** **TECHNOLOGY & SCIENCE**



**(UGC-AUTONOMOUS)**

**Madanapalle**

**C.Guna Sekhar Reddy**

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# CAREER OBJECTIVE

To work at a challenging position in the field where my knowledge is utilized, further developed and where I can score flourishing zeal to my account and put myself as an indispensable entity of the organization.

# EDUCATION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **Year of passing** | **Name of the Institute** | **Board/University** | **Percentage(%)/ Points (CGPA)** |
| **B.Tech**  **(ECE)** | 2021 | Madanapalle Institute of  Technology and Science, Madanapalle | Jawaharlal Nehru  Technological University, Ananthapur | 9.1  (up to IV-I) |
| **Intermediate** | 2017 | Sri Chaitanya Jr College,  Tirupati | Board of Intermediate Education , AP | 96.5% |
| **SSC** | 2015 | Basava Raja Government  High School, Punganur | Board of Secondary Education , AP | 9.0 |

# PROJECT WORK / INTERNSHIP

**Project Title** :Data Monitoring of CNC Machine by using Industrial Internet of Things(IIOT).

**Domain** : Internet of Things(IOT)

**Role** : Team Leader

**Responsibility** : Dealing with Hardware Connections and Coordinator.

**Abstract :** Data is collected from Sensors which are employed in CNC Machine to detect

Wear and Tear Errors in CNC Machine. Through Wi-Fi module and Audrina the data is send to Think speak (IOT Dashboard). We can able to see data at Remote place in the form of graphs and Pi-Charts.

**Internship Title** : Analyzing and working of IOT Components.

**Company** **Name :** Indian Institute of Information Technology for Design and Manufacturing.

**Domain :** Internet of Things (IOT).

**Location :** Chennai

**Type :** No pay and No Fee based Research Internship

**Period** : 1 Month

**Description** : Observing the working of Sensors and working of Aurdino and also Analyzing the different IOT Dashboard’s. Classification of Sensors and also limitations of Sensors .Aurdino layout pin diagram , Aurdino programming and Connectivity of Wi-Fi module to Aurdino.

## CERTIFICATIONS

* 12-week online course on “**Principles of Signals and Systems**” by NPTEL from **IITK** at MITS.
* 12-week online course on “**Communication Systems”** by NPTEL from **IITK** at MITS.
* 5- week online course on “ **Introduction to AI”** by Coursera from IBM at MITS.
* 5- week online course on **“ AI for Everyone ”** by Coursera from Stanford University at MITS.

# AREAS OF INTEREST

* Mathematics
* Signals and Systems
* Analog Communication
* Network Theory

# SOFTWARE SKILL SET

* Programming Languages : C, Basics of Python and R
* Operating System : Windows 10
* Packages : MATLAB,MICROSOFT OFFICE

# ACADEMIC ACHIEVEMENTS & CO-CURRICULAR ACTIVITIES

* Participated in Paper presentation in “ **Photon-2018** ” by MITS,Madanapalli
* Attended Internship on “ **Industrial Internet of Things**” by IIITDM Kanchipuram, Chennai.
* Attended a Five day workshop on **“ Digital Image Processing ”** by IIITDM Kanchipuram, Chennai .
* Attended a Five day workshop on **“ Information Security ”** by IIITDM and IITM at Chennai.

# EXTRA CURRICULAR ACTIVITIES

* Worked as a coordinator for Ashv the race of talent in MITS -2018.
* NCC volunteer 2014-16 Academic year at B.R.G.H.S .
* District kabaddi player and also kabaddi School Game’s Winner Team Captain.

# PERSONAL DETAILS

* Father’s Name : Mr.C.Renukananda Reddy
* Date of Birth : 29th October 1999
* Linguistic Proficiency : Telugu and English
* Address : Door no:3-14A,Nallguttla Palli (Village), Marrimakula Palli (Post)

Punganur (Mandal) ,Chittoor (District) , Andhra Pradesh,India. • Pin code : 517247

# DECLARATION

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

Date :

Place :

Signature: