**RESUME**

**NEKKANTI GOWTHAMI**

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**Mobile: +91-9100913981**

**CAREER OBJECTIVE:**

To work with a reputed institution as an Assistant professor, that will provide me a good platform to utilize my teaching & administration skills and will help me to grow my career.

**EDUCATIONAL QUALIFICATIONS:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **Name of Institution** | **Board/ University** | **Year of Passing** | **Percentage/ CGPA** |
| **M.Tech**  **(Embedded Systems)** | Gudlavalleru Engineering college,  Gudlavalleru. | JNTUK | 2017 | 8.02 |
| **B.Tech (ECE)** | Sri Vasavi Institute of Engineering & Technology, Nandamuru. | JNTUK | 2012 | 73.3% |
| **Intermediate**  **(MPC)** | Satya Junior College, Machilipatnam | Board of  Intermediate  Education. | 2008 | 93% |
| **SSC** | ZP High School, Munjuluru | Board of Secondary School Education. | 2006 | 89% |

**WORK EXPERIENCE: 6 Years 5 months**

|  |  |  |  |
| --- | --- | --- | --- |
| Institute | Experience | Joining date | Last date |
| VKR, VNB & AGK College of Engg., Gudivada | 3 years 7 months | 08-11-2018 | 23-07-2022 |
| Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru | 2 year 9 months | 25-07-2022 | Till date |

**Professional body Membership details:**

I had acquired a Life Membership with IETE ( Institution of Electronics and Telecommunication Engineers. )

**Subjects Handled:**

* Introduction to IoT
* Micro processors& Micro controllers
* Advancements in IoT
* Embedded Systems
* Signals & Systems
* Wireless sensor Networks for IoT.

**NPTEL COURSES:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Title of the course** | **Duration** | **Secured %** |
| 1. | Introduction to Internet of Things | 12 weeks | 88% (Elite+Silver) |
| 2. | Cloud Computing | 12 weeks | 76%(Elite+Silver) |
| 3. | Operating System Fundamentals | 12 weeks | 56%(Successfully completed) |
| 4. | System Design Through Verilog | 8 weeks | 69%(Elite) |
| 5. | Digital Electronics | 12 weeks | 56%(Successfully Completed) |

**In house R&D:01**

In-house R&D project entitled “A real time crop health monitoring using IoT based System”, was approved and sanctioned an amount of 52,000/- for the academic year 2024-25. The Status of the project is on-going**.**

**PUBLICATIONS:**

**ESCI:01**

1. Nekkanti Gowthami and S V Blessy, “Extreme Small Scale Prediction head based efficient Yolov5 from small scale object detection”, Engineering Research Express, vol.6(2), May-2024.

**Peer reviewed: 5**

1. Nekkanti Gowthami, Shaik. Rokhia, et.al., “IoT and Machine Learning Non-Invasive Blood Pressure Monitoring System with Early Prediction of Diseases”, International Journal of Enhanced Research in Science, Technology &Engineering”, Vol 14(4), pp. 36-42, April-2025.
2. Nekkanti Gowthami, Mounika Bavireddy, et.al., “ Multifunctional Smart Assistance System”, International Journal of Advance Research in Science and Engineering, Vol 14(4), pp. 57-66, April-2025.
3. N. Gowthami, N. Tanuja, et.al., “Smart Medicine Dispenser Using IoT”, Journal of Emerging Technologies and Innovative Research”, Vol 11, pp. j76-j80, March-2024.
4. N. Gowthami, G.V. Pavan, et.al., “Smart Campus Bot: College Query Response Chatbot”, International Research Journal of Modernization in Engineering Technology and Science”, Vol 6, pp. 5434-5439, March-2024.
5. N Gowthami and K Srilakshmi, “Design and Implementation of Reversible Multiplier using Optimum TG Full Adder”, IOSR Journal of Electronics and Communication Engineering, Vol 12(3), Ver.4, pp. 81-89, May-June, 2017.

**Conferences:01**

1. Nekkanti Gowthami, Naga Surekha Jonnala, “Effective Clutter and Noise Elimination in GPR: A Hybrid PCA and Wavelet Packet Approach”, International Conference on Intelligent Computing and Control Systems (ICICCS), Erode, India, March 19-21, 2025.

**Projects Guided:**

1. Multifunctional Smart Assistance System
2. IoT and Machine Learning Non-Invasive Blood Pressure Monitoring System with Early Prediction of Diseases.
3. Smart Medicine Dispenser Using IoT
4. Smart Campus Bot: College Query Response Chatbot
5. Covid-19 Patient Health Monitoring System
6. Smart Helmet using IoT
7. GPS and GSM based Accident alert System

**FDP’s Attended:**

1. Attended a Three day National Level online FDP on “image processing and computer vision” Organised by Dept. of ECE at Anil neerukunda institute of technology and science, during 29-05-2020 to 31-05-2020.
2. Attended a Five day National Level online FDP on “Modern Research Trends in communication, signal processing and VLSI/MEMS” Organised by Dept. of ECE Andhra Loyola Institute of Engineering and Technology, during 19-05-2020 to 23-05-2020.
3. Attended a Five day National Level online FDP on “Recent Trends in communition and wireless networks” Organised by Dept. of ECE at KKR & KSR institute of technology and science, during 05-06-2020 to 09-06-2020.
4. Attended a one week national level FDP on IoT: Gateway to Smart future (virtual mode), Organised by Dept. of IoT, SRGEC Gudlavalleru, from18-07-22 to 23-07-22.
5. Attended a Two day Workshop on “Development of IoT system for Targeted Applications using ARM” organised by Dept. of ECE at PVP Siddhartha Institute of Technology, Vijayawada, in association with Physitech Electronics, Hyderabad held from 21-06-23 to 22-06-23.
6. A One Week International FDP on “ Block Chain Technology”, Organised by Make Skilled, Hyderadad, from 27-03-23 to 02-04-23.
7. Attended a one week International FDP on IoT, Industry 4.0 and Stress Management (virtual mode), Organised by Dept. of IoT, SRGEC Gudlavalleru, from17-07-23 to 22-07-23.
8. Attend a Two day workshop on “ A High impact Design Thinking Workshop” Organised by Innovation and Incubation Cell, SRGEC, Gudlavalleru, from 11-12-2024 to 12-12-2024.
9. Attended a Three day FDP on “ Generative AI” Organised by Dept. of IT at SRGEC, Gudlavalleru held from 26-06-24 to 28 -06-24.
10. Attended a online FDP on “ IoT Integration with AIML: Oppurtunities and Challenges”, Organised by Dept. of IoT, SRGEC Gudlavalleru, in association with Electronics & ICT Academy, NIT Warangal, held on 25-02-25 to 07-03-25.
11. Attended a online FDP on “ AI Empowered Power Systems Control”, Organised by Dept. of EEE, SRGEC Gudlavalleru, in association with Electronics & ICT Academy, NIT Warangal, held from 17-03-25 to 26-03-25.

**PERSONAL PROFILE:**

Name : N. Gowthami

Gender : Female

Date of Birth : 14-02-1991

Languages Known : Telugu, English

Hobbies : Gardening, Listening music

Address : Santha road, opt. Satyanarayana swamy Temple,

Gudlavalleru – 521 356, Krishna Dist., AP

**DECLARATION:**

I solemnly confirm and declare that the above mentioned details are true to the best of my knowledge.

Date:

Place: Gudlavalleru (N.GOWTHAMI)