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LETTER OF RECOMMENDATION

I am contented to endorse this letter of recommendation in favor of Mr. Nitin Kumar who had worked as an assistant professor in the department of ECE, Anil Neerukonda Institute of Technology & Sciences (A), Visakhapatnam from 7th Nov 2019 to 4th July 2023. I know him for the past 3 years as an assistant professor. He is highly motivated, eager for knowledge and is always ready to learn latest technologies.

He taught subjects like Embedded Systems & Internet of Things (Raspberry Pi4, Blynk app, ThingSpeak cloud), Microprocessor & Microcontroller (8085,8086,8051), Probability Theory & Stochastic Random Processes.

Along with teaching, he is one of the core members in the department of ECE, R&D section, Tinkerer's Lab and also successfully completed many under graduate projects in his tenure, among them 3 major projects are:

1. WiFi door lock system using ESP32 CAM module in the AY: 2020-2021. This project is about designing a prototype model of a smart door lock system using ESP32 CAM device (important for security point of view) controlled by the Blynk app. This IOT project is useful for smart houses.
2. IOT based Robotic arm for assisting older people and smart home automation system in the AY: 2021-2022. This project is about designing a prototype model of an IoT based robotic arm which is controlled by Raspberry pi-4, Blynk App. This Robotic Arm helps to older people in their daily routine activities.
3. IOT based fire extinguishing and harmful gase detection robot in the AY: 2022-2023. This project is about designing a prototype model of an IoT based fire extinguishing robot controlled by NodeMCU ESP32, Blynk app. This robot has the capability to detect and extinguish fire automatically and also disasters can be avoided with minimal risk of human life. It also detect the harmful Gases like Methane.

Apart of this, he has guided many projects for UG students and also taught with great enthusiasm. I always appreciated his dedication towards his workplace.

I wholeheartedly recommend him and wish him very best in all future endeavours.

Prof. Dr. B. Jagadeesh,
[Head of Department, ECE]

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