Panchami J

To build a growth oriented and challenging career in automation field where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning

CONTACT

📍 Kollegal,India,571440

📞 +917899880290

✉ panchamijaiprakash@gmail.com

CORE QUALIFICATIONS

Technical Skills
- Lab VIEW
- MATLAB
- Connected components workbench on PLC & SCADA
- NI ELVIS
- Programming languages: C, Embedded C, Python (basics).
- Tools: Keil IDE, Arduino IDE. Microcontrollers: 8051, ARM: LPC2148, Renesas synergy.
- Office suite: MS-Office

Personality Skills
- Confident and Determined in problem solving
- Ability to cope up with different situations.
- Learning and growth mindset
- Neat and well organized.
- Work with team and lead the team

Communication Skills
- Kannada
- English
- Telegu
- Tamil
- Hindi

EXPERIENCE

Assistant Professor
SIDDANGANGA INSTITUTE OF TECHNOLOGY - Tumkur-03

10/2021 - Current

- Handled theory subjects of Electronic Measurements, Industrial safety & communication and Aircraft Instrumentation for UG students
- Lab course on Advanced Micro-controller lab, Analog Electronics Circuits Lab, Digital Electronics lab, Process Automation lab, Control system lab and Linear Integrated Circuits lab for undergraduate engineering students
- Coordinated with colleagues in continuous reviews and curriculum development, ensuring students received high-quality courses.

EDUCATION

2019
M.E Control & Instrumentation
University Visvesvaraya College of Engineering - Bangalore, Karnataka, India
GPA: 80

2017
B.E Instrumentation Technology
Dr. Ambedkar Institute of Technology - Bangalore, Karnataka, India
GPA: 75.8

2013
PUC PCMB
Nisarga Independent PU college - Kollegal, Karnataka
GPA: 72

2011
SSLC
Seventh Day Adventist High school - Kollegal, Karnataka
GPA: 86

ACADEMIC PROJECT

B.E
- Title: Visitor Log maintenance using Arduino
- Description: Developed a Log maintenance system using Fingerprint technology
- It provides a simple and cost effective method of visitor log monitoring in organizations and educational institutions as compared to traditional methods of attendance management

- Drawing
- Cooking food
- Reading books
- Listening to music

M.E
- Mini Project:
- Title: Temperature Control System for Process Oil Heating Unit with Heater Firing Cycle Timer, Trip Logic and Voting System
- Description: Designed a PLC programme for controlling the temperature of a process oil heating unit in order to maintain the continuous flow of a polymer without solidification
- Trip logic and voting system were developed to ensure safety of the system
- Major Project:
- Title: Automatic Bridge safety monitoring system
- Description: The project involves bridge safety monitoring system along with bridge-boat collision avoidance system using sensor as well as wireless technology

Extra-curricular activities:
- Published paper on "Automatic bridge safety monitoring system", in the International journal for Science and Advance Research in Technology (IJSART), Volume 5, Issue 10, October 2019.
- Attended faculty development program on "AI application to power system" and "Renesas synergy"
- Completed Nptel courses on Sensors and Actuators from IISc, Bangalore