



PONRAJ KRISHNA J

CONTACT NO & EMAIL ID

+91-9551233552 /
ponrajkrishna.J@gmail.com

LINKEDIN

<https://www.linkedin.com/in/ponrajkrishna-j-646b2419b/>

CORE COMPETENCIES

- Python
- Tensorflow
- Embedded C
- MATLAB
- Pixhawk
- Ardupilot
- DJI naza
- MS Office
- Arduino
- Raspberry Pi
- Drone building
- Machine Learning
- Deep Learning
- Computer Vision
- CNN
- PLC
- SCADA
- HMI
- VFD

SKILLS

- Analyst
- Problem Solving
- Continuous learner
- Innovative thinking

OBJECTIVE

Driven to harness cutting-edge technologies and innovative approaches, aim to deliver transformative solutions in automation and intelligent systems. Seeking to contribute meaningfully to advancements within a dynamic and visionary organization.

EDUCATION

M.E – Embedded System Technologies – Easwari Engineering College (November 2022 – July 2024)

B.E – Electrical and Electronics Engineering – Easwari Engineering College (June 2019 – June 2022)

INTERNSHIP / IN-PLANT TRAINING

- Optical fiber cable at L&T construction project site in Chennai at 2017.
- CSE solar PV power project at L&T construction project site in Tirunelveli at 2019.
- Fast reactor fuel cycle facility at L&T construction project site in Kalpakkam at 2021.
- Commissioning of 400/230KV Gas insulated substation at L&T construction project site in Chennai at 2021.
- Smart world and communication at L&T technology service in Chennai 2023.

ACHIEVEMENTS

- Second Place in Project Expo 2024 at Easwari Engineering College.
- Third Place in SAE Project Competition 2023 at Easwari Engineering College.

EXTRA CURRICULUM

- Cycling
- Travelling

CERTIFICATION'S

- Advanced industrial automation engineer
- Advanced Arduino
- Machine learning
- Transformer
- Programmable logic controller
- Power system cable
- Basic of total quality management principles
- Introduction To Industry 4.0 And Industrial Internet of Things

ACADEMIC PROJECT'S

- Obstacle detector with voice navigation system for visual impaired peoples.
- Achieving stability in x type drone using STM32 micro - controller.
- Autonomous Smart Agri UAV.
- Design and development of search and rescue robot.
- Design and development 3d printed bionic arm.
- Design and development of a rigid 3D Printed Weaponized Robotic arm.
- Landmine detection and safe booming using 6 dof articulated system with artificial intelligence

PUBLICATION'S

- Intelligent gas detection and elimination of blockage in sewer using robot mechanism in journal of population therapeutics and clinical pharmacology, May 2023.
- Design and Development of Search and Rescue Bot, Third International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS), March 2024.
- Landmine detection and safe booming using a 6 dof articulated system with artificial intelligence, The 15th International IEEE conference on computing, communication and networking technologies (ICCCNT), June 2024.
- Autonomous smart agri UAV, International conference on electrical electronics and computing technologies, August 2024.