

# PARICHARYA(India, Asia)



## Development point

A self-governing and multi-tasking robot which can assist in a store environment for product stocking, restroom cleaning and can interact with customers.



## Introduction of your team

The team consists of talented and passionate individuals from Humanitarian Technology (HuT) Labs, Amrita Vishwa Vidyapeetham University, India, who have experience in different fields of Robotics and automation. Our ultimate goal is to promote the application of robotics to the world's technological development and contribute towards human welfare.

| Role                 | Name                                   | Affiliation/Title               | Specialty, Field of study  |
|----------------------|--|---------------------------------|--|
| Team leader          | Dr. Rajesh Kannan Megalingam           | PhD, Associate Professor        | Agriculture Robotics, Healthcare Robotics, Disaster Management Robotics, Rehabilitation Robotics |
| Image processing     | Sakthiprasad Kuttankulangara Manoharan | PhD scholar, Research Associate | Robotics, Computer Vision, Image Processing, Power Efficient Solar Energy Systems                |
| Overall Control      | Sreekanth Makkal Mohandas              | PhD scholar, Research Associate | Haptics, Robotics and automation, PCB Design   |
| Mechanical Design    | Shree Rajesh Raagul Vadivel            | Research Associate              | Mechanical Design and Analysis   |
| Hardware/Software    | Anandu Rajendraprasad                  | Research Assistant              | Autonomous Navigation, Robot operating system, Embedded systems                                  |
| Mechanical Design    | Bharath Sasikumar                      | Research Assistant              | Mechanical Design and Analysis   |
| Testing              | Mahendran J                            | Research Assistant              | Power electronics, Testing and evaluation  |
| Software development | Arjun N                                | Research Assistant              | Robotics Software  |
| Hardware             | Hemanth Kumar Reddy                    | Research Assistant              | Electronics hardware   |
| Software development | Krishnagopal V                         | PG Scholar                      | Robotics   |
| Software development | Vignesh S                              | PG Scholar                      | Robotics   |
| Software Development | Ghali Sri Ram                          | UG student                      | Electronics  |
| Software Development | Dasari Hema Teja Anirudh Babu          | UG Student                      | Electronics  |

