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Career Objectives

To gain maximum knowledge in the field of robotics , artificial intelligence and develop an ability to use the techniques, skills and modern engineering tools in engineering practice and to pursue the broad education necessary to understand the impact of robotics solutions in a global, economic, environmental and social context.

Academics Details

Jun 2014-Continuing	**Veer Surendra Sai University Of Technology,Burla** Electrical and Electronics Engineering (Bachelor of Technology), CGPA:8.8/10 (till 5th sem.)	**Odisha, India**
Jun 2012 – May 2014	**Kendriya Vidyalaya No.1,Bhubaneswar** 12th (CBSE, New Delhi), Percentage:92.4	**Odisha,India**
May 2012	**Kendriya Vidyalaya No.1,Bhubaneswar** 10th (CBSE, New Delhi), CGPA:10/10	**Odisha,India**

Projects

1. Semi-automated Mine Detector operated through Hand Gesture

   – Automated pick and place (of blocks) mechanism on detection of mines (metal) by principle of mutual inductance. Situation analogues to real life mine field scenario.

2. Remotely operated Stair Climbing cum all terrain robot

   – Robot operated through Bluetooth used to traverse odd terrains including stairs, uneven surfaces like on stones etc employing **Rocker-Boggie Mechanism**.

3. Automated Pizza Delivery System Using FIREBIRD-V robot

   – Real time scheduling of orders,detection of object (color) and their delivery to specified house (coordinate) using **FIREBIRD-V**

4. Automated Path planner and Object Detector using ROS

   – Automated path planning and object detection using packages of ROS to identify the objects based on their corresponding ARUCO marker ID.

Training & Internship

- Summer Course in CTTC, Bhubaneswar, Odisha on **INDUSTRIAL AUTOMATION (PLC)**

- Summer Course in CTTC, Bhubaneswar, Odisha on **ADVANCE JAVA**

- **Industrial Training** on **POWER TRANSMISSION AND DISTRIBUTION SYSTEM** at **OPTCL, Bhubaneswar,Odisha.**

Research & Publication

1. Currently Working on Project, Not yet published

Technical Skills

- **Robot Operating System (ROS)**

- **ARDUINO**, **AVR Studio** and **Eclipse** IDEs.

- **MATLAB & SIMULINK** applications

- **C, C++, JAVA, Python** Programmings

- **WEB Development Programmings**
  - **HTML**
  - **CSS**
  - **AJAX**
  - **PHP**