

RASHMI REKHA KAR

Address: #1928, Pokhariput, Odisha-751030

Contact no. : 7008650059

Email: karrashmirekha29@gmail.com

EDUCATION

B.Tech (ECE)	ITER, Bhubaneswar	CGPA 8.7 upto 6th Semester	2018 -2022
12th CBSE Board	Kendriya Vidyalaya, Balasore	78% aggregate	2016-2017
10th CBSE Board	Kendriya Vidyalaya, Udaipur	87.4% aggregate	2014-2015

PROJECTS

1. AC to DC converter

4 Days (2018)

Project description : Direct current of 5V, 12V, -12V was given as output.

- Taking alternating current as input, converted into direct current using transformer.
- Used transistor, capacitors, resistors and different ICs.

2. Library Automatic Door System.

2 weeks (2019)

Project description : Group Project on "Automatic Door System using Passive Infrared sensor"

- Worked with Arduino uno, understood the specifications of PIR sensor.
- Used DVD drive as the gate.

3. The Shopping Cart

(2018)

Project description : Project Based on Java Language

- It takes the user input, calls the respective methods from the classes.
- The main function calls the constructor of UI() from the main method which takes care of bootstrapping the entire application.

4. Automatic Gardening Control

Ongoing

Project description : Automatic control of Plant watering requirement

- ATmega328P with soil moisture sensor, humidity sensor and solenoid valve.

TECHNICAL SKILLS

- Programming languages known: C++, JAVA, DBMS
- Software Known: MS Office (Word, Excel, PowerPoint)

SUBJECTS OF INTEREST

- DIY Arduino Projects
- Bolt IoT (Wi-Fi Microcontroller module)
- Artificial Intelligence

SEMINARS AND WORKSHOPS

- Attended 2 days workshop on Industrial Robotics and IIOT. **2019**
- Attended 3 days training program on 'Arduino and IOT' by Edu Vance. **2019**

EXTRA CURRICULAR ACTIVITIES

- Creative Head in Toneelstuk (Dramatics Society of SOA) **2021**
- Participated in MOOD INDIGO (IIT Mumbai) in Street Play Competition. **2018**

AWARDS & RECOGNITION

- Bagged 1st prize in IIT KGP, XUB, KIIT, Sri Sri University (Street Play) and in Improv Comedy held in ITER. **2019**

LANGUAGES KNOWN

- English, Hindi, Odia