

RIVUKANTA BHATTACHARYA

PERSONAL DATA

PLACE AND DATE OF BIRTH: Katwa, West Bengal, India | 07 December 1997
ADDRESS: NIT Warangal, Telengana, India
PHONE: +91 8116018036
EMAIL: brivukanta@student.nitw.ac.in
GITHUB: <https://github.com/brivu7972>
LINKEDIN: <https://www.linkedin.com/in/rivukanta-b-7b6242104/>

EDUCATION

ONGOING 3rd year B.Tech in ELECTRONICS AND COMMUNICATION ENGINEERING
National Institute of Technology, Warangal, India
CGPA: 8.33/10

MAY 2015 Higher Secondary Degree in SCIENCE
Ramakrishna Mission Vidyalaya, Narendrapur, Kolkata
West Bengal Council of Higher Secondary Education(WBCHSE)
PERCENTAGE: 97.2/100

JUNE 2013 Secondary Degree
Ramakrishna Mission Vidyalaya, Narendrapur, Kolkata
West Bengal Board of Secondary Education(WBBSE)
PERCENTAGE: 94.6/100

RELEVANT COURSES

ONGOING Pulse Circuits (EC301)
Linear Integrated Circuits and Applications (EC303)
Computer Architecture and Organization (EC305)

COMPLETED Electronic Devices and Circuits (EC201 and EC251)
Signals and Systems (EC204)
Network Analysis (EE236)
Digital System Design (EC203 and EC253)

PROJECT WORKS

Mar-Apr 2017 | **Cyclic Redundancy Checker**
Cyclic redundancy check is a error detecting and correcting process often used in data transitions from storage devices such as hard drives or pendrives etc. The corresponding VHDL code is simulated and implemented on Spartan3E board.
<https://github.com/brivu7972/Cyclic-Redundancy-Checker-Generator>

Dec 2016 | **Line follower**
A line follower is successfully built using arduino uno and various sensors (infrared, ultrasonic) which can follow any given path of same colour.

Nov 2016 | **To measure Li-ion cell capacity with an Arduino**
Using Arduino Uno microcontroller and useful circuitry with a Li-ion battery, the available charge in it and how much time it needs to get completely discharged is found out and the results are printed in a LCD display.

ACADEMIC ACHIEVEMENTS

- AIR 1645 in JEE Mains (2015), State rank 605 in WBJEE (2015)
- Mamraj Agarwal Rastriya Puraskar and felicitation from Government of West Bengal for securing 5th rank in state in Higher Secondary Examination (2015)
- Certificate from IAPT for having been placed among the top 10% in National Standard Examination in Physics (NSEP 2014-15) from our school
- Certificate from IAPT for having been placed among the top 10% in National Standard Examination in Chemistry (NSEC 2014-15) from our school

POSITIONS OF RESPONSIBILITY

- Joint secretary at ECE Association(2017-18)
- Executive member at ECE Association(2016-17)

LANGUAGES

ENGLISH : Fluent
BENGALI : Mothertongue
HINDI : Basic Knowledge

SKILLS AND ABILITIES

Basic Knowledge: OpenCV, HTML, Visual Studio, LaTeX
Intermediate Knowledge: Arduino, Cadence Pspice, Vivado, Xilinx ISE, C++, MS Office

INTERESTS AND ACTIVITIES

- Open-source technology enthusiast
- Play football and table-tennis
- Like to sketch in leisure times
- Fond of travelling and nature photography

DECLARATION

I do hereby declare that all the above-mentioned details are true to my knowledge.

Rivukanta Bhattacharya