

Sagnick Biswas



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Address- D L Roy Road, Bowbazar, Krishnanagar, Nadia, West Bengal, INDIA.

Curriculum Vitae

Education

2017-2021 **B Tech**, Department of Electronics and Communication, Bengal Institute of Technology, Kolkata, INDIA. CGPA 7.49

2017 **Intermediate**, Krishnagar Academy, Krishnagar, INDIA. Percentage 81.6

2015 **Matriculation**, Krishnagar Academy, Krishnagar, INDIA. Percentage 71.5

Scholastic and Curriculum Achievements

2018-2019 **First Position**, Electronics Project Competition, Technical Fest, Bengal Institute of Technology. Project Automation Leading towards Smart Restaurant.

2018-2019 **First Position**, Autonomous Robotics Competition, Technical Fest, Bengal Institute of Technology. Project: Security and Surveillance Robot.

2018-2019 **Third Position**, Technical Paper Presentation Competition, Technical Fest, Bengal Institute of Technology. Topic: Plant Health Monitoring Using Image Processing.

2018-2019 **First Runner Up**, SMART INDIA HACATHON Hardware Edition 2019. Project: Electronic Payment of User Fees at Toll Plazas.

2018-2019 **Publication**, Technical Paper Presentation on 'Smart Irrigation: An IoT based approach'. Book Chapter Publication, Code No. 18-E&I-04, Forum of Scientists, Engineers & Technologists-FOSET, Kolkata.

2018-2019 **People's Choice Award**, INDIA INTERNATIONAL SCIECNE FESTIVAL 2019. Project: IoT Based Smart Water Metering.

2018-2019 **Best Performing Student Award**, ISTE Student Chapter West Bengal Section 2019.

2019-2020 **Publication**, Technical Paper Presentation on 'Android Things: A Comprehensive Solution from Things to Smart Display and Speaker', Paper No. ICIL40, Springer Nature.

2019-2020 **Funded Project**, Title: "IoT Based Intelligent System for Smart Farming & Water Saving", Project ID-RDUG2019026 under Institute of Engineers (INDIA) IEI Grant-in-Aid Scheme.

2019-2020 **Winner in Category C**, BENGALATHON 2019 National-Level Hackathon. Project: Smart Water Metering.

Course Projects

2017-2018 Wet Mattress Alarm.

2018-2019 Automation Leading towards Smart Restaurant.

2018-2019 Security and Surveillance Robot.

2018-2019 **PAYTOLL**: Electronic Payment of User Fees at Toll Plazas.

2018-2019 IoT based Intelligent Irrigation System using Data Analytics for Smart Farming & Water Saving.

2019-2020 **AQUAPAYWIK**: IoT based Smart Water Metering & Quality Monitoring using Data Analytics.

2020-2021 **BITS2BYTES website**: the portal for the Annual technical fest of BIT, which engaged more than 2500 users.

2020-2021 **go-covid**: an online dashboard for the use of common people to get in touch with all the information regarding the pandemic.

Institute Positions

2018-2019 **Design Coordinator**, Freshers' Welcome, Bengal Institute of Technology.

2019-2020 **Hosted**, Workshop on 'Introduction to Arduino and IoT', Bengal Institute of Technology.

2019-2020 **Committee Admin**, AUTOBIT the Official Robotics Club of Bengal Institute of Technology.

2020-2021 **Asst. Technical Secretary**, Bits2Bytes-
The Annual Technical Fest of Bengal Institute of
Technology.

Technical Skills

Programming: Core Java, C, C++, Python, HTML, CSS, Bootstrap, JavaScript, React

Hardware & Software: Arduino, Raspberry Pi, Intel 8051, Circuit Simulation (Multi-SIM), VHDL, Verilog, VS Code, Brackets, MS Word, MS Excel, MS PowerPoint

Editing: Adobe Photoshop, Adobe Lightroom, Filmora