



# Saikat Mondal

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**E-mail:** saikatmondal410@gmail.com

**Website:** <https://saikat2019.github.io/>

**Phone:** +919874288257

## EDUCATION

### **B.Tech in Metallurgical & Materials Engineering With Specialization in Financial Engineering**

**2017 — 2023**

Indian Institute of Technology, Kharagpur

Current CGPA - **8.08/10.0**

### **XII-WBCHSE**

**2015 — 2017**

Ramakrishna Mission Vidyalaya, Narendrapur

Passed with **93.2%**

### **X-WBBSE**

**2009 — 2015**

B.R.A United High School, Amta, Howrah

Passed with **94.1%**

## TECHNICAL SKILLS

- **Programming Languages** - C, C++, Python, Java, JavaScript, Groovy
- **Libraries and Software** - OpenCV, ROS, Git, Tensorflow, Keras, PyTorch, Bootstrap, Flask, Blender, Gazebo, IntelliJ, Android Studio
- **Markup Languages** - HTML, CSS, LaTeX, XML

## COURSES

**Departmental Courses** - Metallurgical Thermodynamics And Kinetics, Introduction to Engineering Materials, Transport Phenomena In Metallurgical Processes, Deformation Behavior of Metals

**Non-Departmental Courses** - Programming and Data Structure, Electrical Technology, Physics, Partial differential equation, Probability and Stochastic process, Linear Algebra

**Ongoing Courses** - Data analytics, Regression and Time series model, Phase Transformations and Heat Treatment of Metals

**Online Courses** - Machine Learning, Deep Learning, Image Processing, Artificial intelligent in Robotics

## POSITIONS OF RESPONSIBILITY

- Software Team Member, Aerial Robotics Lab, IIT Kharagpur – Guided and mentored 6 freshmen students in the software team in our lab.–Prepared question paper for software team selection in Aerial Robotics Lab, IIT Kharagpur
- Mentor in Image Processing Workshop at IIT Kharagpur–Mentored and taught image

processing and Machine learning over 30 1st year students in the Winter Workshop'18 held in IIT Kharagpur.

#### KEY PROJECTS

- Worked in the software team for International Aerial Robotics Competition'17 in Aerial Robotics Lab, Kharagpur on Ground Bot detection using Image Processing.
- Worked under the software team in Aerial robotics Lab, IIT Kharagpur for autonomous drone delivery to detect Drone Movement from ground facing camera using image processing.

#### SCHOLASTIC ACHIEVEMENT

- Received the **Merit Cum Means (MCM)** Scholarship at IIT Kharagpur
- Secured All India General **Rank 4427** in JEE Advanced 2017 among the 1.7 Lakh shortlisted candidates.
- Secured General **Rank 444** in WBJEE 2017 among the 1.27 Lakh candidates.