



# Animesh Chattopadhyay

M.Tech in Electronics and Communication from IIT(ISM) Dhanbad

Electronics Engineer and tinkerer with affinity to build new things and solve problems with readily available stuff. Passionately curious individual always open to learning new skills, meeting skilled people and getting involved in interesting projects. Cursed with curiosity, creativity and an eye for detail.



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## EDUCATION TIMELINE

### 2016-2018: IIT(ISM) Dhanbad

M.tech in ECE with

### 2011-2015: RCC Institute of Information Technology

(West Bengal University of Technology)

B.Tech in ECE

### 2010-2011: Jadavpur University

(Faculty Council of Engineering & Technology)

B.Arch dropped out

## TRAINING & WORKSHOPS

AICTE funded BSNL-AICTE EETP Silver, Gold, Platinum Certified Engg.

ALL INDIA RADIO VOCATIONAL TRAINING on Radio Broadcasting

EASTERN RAILWAY VOCATIONAL TRAINING

Telecommunication (Control & Signaling)

IBM MAINFRAME training. (Organized by B.Tech college)

## SKILLS

**3D Modelling & 3D Printing:** ( SketchUp, Autodesk 123D, Cura, Repetier)

**Computer Vision** (TensorFlow, OpenCV, YOLO)

**Website Design** (HTML, CSS, Wordpress, JSON)

**Electronic Circuit Design:** (Eagle CAD, KiCAD)

**AI & Voice Assistant:** (Alexa Skills)

**Image Processing** (MATLAB, C)

**Design & Editing:** Photoshop, InkScape, Lightroom

**OS:** Windows 8 and 10, Ubuntu Linux  
Raspbian (Raspberry Pi Linux), FreeRTOS

**HARDWARE:** Arduino, 8051, AVR (ATMEGA 8, 328, ATTINY), MSP430, ESP8266, Raspberry Pi

**PROGRAMMING:** C, C++, MATLAB, JAVA, Python, JavaScript, Android, SQL

## ACADEMIC PROJECTS

Estimation of Just Noticeable Distortion in Human Visual System in MATLAB Image Processing(B.Tech, 2015)

Construction of Thulium Doped 2μm Fiber Laser (CSIR- CGCRI, KOLKATA, 2017)

**Implementation of IoT with Wireless Sensor Network** for Remote Data Collection and Communication in **Underground Mines.** (M.Tech, 2017-2018)

## LANGUAGES KNOWN

ENGLISH HINDI BENGALI

## OTHER MENTIONS

- ELECRAMA, ENGINEER INFINITE 2014  
Selected for Project paper on "Innovative concept of Wind Energy Harvesting"
- 2015: Successfully placed in Campus Recruitment (INFOSYS)
- 2016: Bokaro Jhumra Development Demo Board project (Digital India)
- IIT(ISM) Dept. of Chemistry: Custom Equipment design for Automated Sample
- EXHIBITION FINE 2018 at Rashtrapati Bhawan
- TATA Steel Coal Mine, Digwadih Visit and Proposal for Improvement.
- 2017-Present: Worked and founded a StartUp
- Volunteered and Organised free Robotics workshop in school.
- 2018: Honorary Certificate of Appreciation  
IEEE ComSoc Student Competition 2018

## OTHER CONTACT:

<https://github.com/technochatter/>

<https://hackaday.io/technochatter>

<https://technochatter.github.io>