

Bagadi Tarun Kumar

<https://github.com/tarunkumarmpc>

Email : tarunkumar.btk94@gmail.com

Mobile : 9491803164

EDUCATION

- **Indian Institute Of Information Technology Guwahati** Guwahati ,India
Bachelor Of Technology in Electronics and Communication Engineering ; CGPA : 6.36/10 2015 – 2019
- **Sri Chaitanya Junior Kalasala** Visakhapatnam, India
Higher Secondary Education ; Percentage : 91.7 2013 – 2015
- **Bhashyam Public School Srikakulam** Srikakulam, India
Secondary Education ; CGPA : 9.2/10 2013

TECHINICAL SKILLS

- **Programming Skills** : C, Java, Python, Verilog, Matlab, Embedded C, Assembly
- **Operating System** : Windows, Linux ,Ubuntu, Centos
- **Software Tool** : Software Tools: Matlab, Code composer studio, HFSS, NI Labview, Multism , LTspice, Cadence, Atmel Studio 7.0, Keil uvision 4

PROJECTS

- **Velocity Consensus of Multiple Robots** *Aug 2018 - Nov 2018*
Major Project Dr.Surajit Panja,IIIT Guwahati
The main motive of the project is to make all the robots attain same velocity. The communication among the robots is done by LCMLightweight Communications and Marshalling. **Robots used** : Fire Bird VI
Programming language used : Python.
- **Gibbs Phenomenon** *Aug 2016 - Nov 2016*
Course Project Mansoor Khan,IIIT Guwahati
The project was aimed at analyzing gibbs phenomenon and method used to reduce gibbs phenomenon using chebyshev filter and implement it using MATLAB. **Software used** : MATLAB
- **Double Threshold Energy Detection Method for Cognitive Radios** *Aug 2018 - Nov 2018*
Course Project Dr.Kukil Khanikar,IIIT Guwahati
The project focused on spectrum sensing techniques for cognitive radio and observed the efficiency of Double Threshold Energy Detection in cooperative spectrum sensing. **Software used** : MATLAB

WORKSHOP AND TRAINING

- Attended Workshop on Digital Signal Processing (DSP) organized by Indian Institute of Information Technology Guwahati in association with EdGate.
- Attended Workshop on FPGA based system design organized by Indian Institute of Information Technology Guwahati in association with Coreel Technologies.
- Attended Workshop on ARM organized by Indian Institute of Information Technology Guwahati in association with Mapusoft Technologies.

POSITION OF RESPONSIBILITY

- Core team member, YUVAAN 2017,2016,2015 annual techno-cultural festival, IIIT Guwahati.
- Student coordinator for ARM and FPGA Workshop organized at IIIT Guwahati.

STRENGTH

- Positive Attitude,Quick Learner, Hardworking,Team Working.

INTEREST AND HOBBIES

- Listening music, Lan Gaming, Travelling, Cycling.