

ANKAN DAS

3rd Year Undergraduate, Electrical Engineering

@ dasankan84@gmail.com

📞 9862-77-2481

📍 Kanpur, India

🌐 Ankan-Das

WORK EXPERIENCE

Internet of Things, Prof. L Behera

INTERN, MENTOR

📅 May. 2019- Jul. 2019

📍 IIT Kanpur

- Worked on implementing different IoT applications using hardwares like Arduino Nano, Esp Module, NodeMCU, Raspberry pi and controlling different analog and digital devices with softwares like Arduino and Python.
- Completed a project "Neural Network based Obstacle avoidance for mobile robots" and designed a data model using Python and Raspberry Pi
- Mentored a group of 450 students who participated in a workshop of AI and IoT, conducted by ISmriti and helped them debug their problems, faced during many of their IoT applications.
- Used cloud services like Google Firebase and ThingSpeak, and made systems that control digital as well as analog devices, using hardwares or Mobile Apps made using MIT App Inventor.

PROJECTS

Fuel Flow rate prediction of Airplanes

COURSE PROJECT, PROF. FAIZ HAMID

📅 May. 2019 - July. 2019

📍 IIT Kanpur

- Predicted fuel flow rate of airplanes using a big data set of several attributes
- Used Neural Network to train the dataset after preprocessing - Cleaning the data, Data reduction, Integration

ABU Robocon 2019, THE GREAT URTUU

TEAM ROBOCON IIT KANPUR, PROF. ASHISH DUTTA

📅 Oct. 2018 - Apr. 2019

📍 IIT Kanpur

Programmed and built 2 robots, one automatic and the other semi-automatic, one crosses some obstacles, crosses a bridge and handovers a 'gerege' to the second bot which is automatic and moves like a horse, hence Jensen Mechanism was used.

The second bot crosses a sand dune and two rope fences and waits until the first bot picks up and throws 'Shaghai' to a specified area and when the score is 50 points, decided by the orientation of Shaghai, the second bot climbs up a 'hill'.

SKILLS

C

Arduino

Python

HTML

MySQL

JavaScript

EDUCATION

3rd year, Bachelor of Technology
Electrical Engineering

IIT Kanpur

📅 July 2017 - Till Date

Matriculation and Post Matriculation

Kendriya Vidyalaya ONGC Agaratala

📅 April 2005 - March 2017

HONOR & AWARD



KVS JMO 2015

All India Rank 28 and Regional Rank 2

EXTRACURRICULAR



Cartoon and Comic Designer, VOX POPULI, IIT KANPUR

Published several comics & Made Campus map for Fresher's Newsletter to help freshers find important places easily



Football, Summer Camp GAMES AND SPORTS COUNCIL, IIT KANPUR

Participated in the 35 days camp & Took part in different sport events organised with other members of the camp from different sports



Member, FURSAT MANDLI, DRAMATICS CLUB, IIT KANPUR

Performed in several Mime and Street Plays

COURSEWORK

Data Mining and Knowledge Discovery

*Machine Learning for Signal Processing

Probability and Statistics

Engineering Graphics

Partial Differential Equations

Introduction to Western Arts