

# SUDIPTA DAS

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## EDUCATION

### College of Engineering and Technology/Bachelor of Technology

2015-PRESENT, Bhubaneswar  
CGPA-8.87(till 6th Semester)

### Delhi Public School/Higher Secondary

2013-2015, Rourkela  
12th Percentage-92.2

### DAV Senior Secondary Public School/ Up to Matriculation

2001-2013, RMD, Gua  
10th CGPA-10.0

## EXPERIENCE AND CERTIFICATIONS

### TATA Consultancy Services Ltd./Intern

7th May 2018-29th June 2018, Bhubaneswar  
Summer Internship in Video Engineering Research Lab

### Coursera/Online Certification Courses

May 2018-June 2018, Online  
Courses on 'Data Science' and 'Python Programming' under University of Michigan

### Technex, IIT-BHU/Intern

25th December 2017-24th January 2018, Bhubaneswar  
Winter Internship on Embedded Systems and Robotics using Internet of Things

### NIT(National Institute of Technology)/Intern

1st June 2017-7th July 2017, Rourkela  
Research Internship on Performance Analysis of Routing Algorithms in Optical Networks

## PROJECTS

### OTT(Over the Top) Automation using Robot Framework

**TATA Consultancy Services Ltd., Bhubaneswar**  
Test cases were tested using the Selenium2Library in Robot Framework for a Malaysian web-hosting application and an amplified study was accomplished through tools like Mantis-BT and TestLink.

### Wireless Video Streaming using IoT

**TATA Consultancy Services Ltd., Bhubaneswar**  
Assembled a setup with a suitable code that would suffice for a wireless CCTV surveillance model.

## PROJECTS(contd.)

### GSM based Home Automation System Technex(IIT-BHU)

Designed an automated system using Node MCU which responded to various home appliances through a mobile device via a text message.

### Arduino based Water Bot

**Technex(IIT-BHU)**

Designed a bluetooth controlled water bot which moved in water retorting to four basic directions operated through a mobile application.

### Simulation of Routing Networks

**National Institute of Technology, Rourkela**  
Implemented a customized path finding algorithm(primarily based on Floyd Warshall) on three standard networks: ARPANET, NSFNET and National Network.

### LAN Project

**Central Tool Room and Training Centre**  
Manually implemented a LAN setup to connect to different computers and enable data/resource sharing among them.

## SKILLS

C++, C, Python, Robot Framework, Core Java, Html5, Css3, JavaScript, Android, MySQL, PHP, WordPress, Arduino, Matlab.

## EXTRA-CURRICULAR INTERESTS

- Participated in Economic Times-Campus Stars.
- Organising Team member of the annual cultural fest of college.
- Blogger at CET Rising, Cetadel, Literary Club.
- Coordinator of the Literary Fest, CET
- Singer at Arpeggio, Music Club, CET.
- Trained in Hindustani classical music for three years.
- Won gold medal in NSO(National science Olympiad) in std X.
- Represented school in district-level Quiz Contest and stood third.

## LANGUAGES

English, Hindi, Odia, Sanskrit.