

# Souris Sahu

Amlapara, Bongaon, 24pgs(N), India

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☎ 9767459113

## EDUCATION

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**Indian Institute of Technology, Hyderabad**

*Pursuing Doctor of Philosophy in Microelectronics and VLSI*

cgpa: NA

**Hyderabad, India**

*2020-contd.*

**Vellore Institute of Technology**

*Master of Technology in VLSI*

cgpa: 7.93

**Vellore, India**

*2018-2020*

**West Bengal University of Technology**

*Bachelor of Technology in Electrical Engineering*

cgpa: 7.96

**Kolkata, India**

*2011-2015*

**Bongaon High School**

*Higher Secondary (12th)*

percentage: 83%

**Bongaon, WB, India**

*2009-2011*

**Bongaon High School**

*Higher Secondary (12th)*

percentage: 87.5%

**Bongaon, WB, India**

*2009*

## ACADEMIC PROJECTS

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**Speaking Micro-controller for Deaf and Dumb People**

*B.Tech final year project, 2015*

**Fabrication Of ZnO Fiber For In-Situ Sensing Of Gaseous And Dissolved Oxygen: A Step Towards Early Detection Of Hypoxia**

*presented at: MNMC 2018, Koloa, Hawaii*

**Analysis Of Ac Gain Of Multistage Common Source Amplifier Using Cntfet**

*presented at: ICONN 2019, SRM University, India*

## MASTERS THESIS

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**VLSI/Embedded Systems Design for Improved Power-split Between Battery and Supercapacitor of Hybrid Electric Vehicle**

## EXPERIENCE

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**Shannon Electrical Pvt. Ltd.**

*Site Engineer*

- Leading in house electrical team.
- Delivering conduiting as per CAD design

**Mumbai, India**

*July,2016-May 2017*

**IIT, Hyderabad**

*Research Assistant*

**Hyderabad, India**

*Dec,2017-July,2018*

- Making ZnO Nano-fiber, Electro spinning, characterization, experimental planning and setup
- Paper writing for conferences, presentation and other research related works.

## KEY SKILLS

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**Programming:** Verilog, C

**EDA Tools:** Primetime, ICC, VCS, **Applications:** Electro-spinning

**OS:** Windows, Linux

## LANGUAGES

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**Bengali:** Native Language

**English, Hindi:** Professional

**German:** Beginner.

## AREA OF INTEREST

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- Battery Management System, Li-ion battery, Electric vehicle
- VLSI applications
- Green energy applications
- Nano-Biosensors

## EXTRA-CURRICULAR ACTIVITIES

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- Learning languages.
- Member of robotics Club, VIT,Vellore
- School level badminton tournament(doubles) winner
- Subdivision level "mock parliament" winner (twice)