

## Work Address

### Dream Institute of Technology

Thakurpukur, B.H Road  
Kolkata: 700104

## Residential Address

29, State Bank Garden,  
Thakurpukur,  
Bakhrabat Road  
Kolkata-700063

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# Saurav Ghosh

## Objective

To work in an Organization/Institution with a professional work driven environment where I can utilize and apply my knowledge, skills in research and development position for solving challenging problems in VLSI domain.

## Experience

Nov. 2020 – current

**Dream Institute of Technology, ECE,**  
Samali, Thakurpukur-104  
Assistant Professor of ECE

## Education

**M.Tech, VLSI, Maulana Abul Kalam Azad University of Technology formerly known as West Bengal University of Technology, Heritage Institute of Technology., Anandapur, Eastern Bypass, Kolkata, July, 2020**

DGPA : 9.61/10.0

Thesis: Retention & Writability Study of 6T SRAM BITCELL at Extreme Low Voltage with process variation using 45 NM Technology  
(Guide: Prof. Krishanu Datta)

**B.Tech, Electronics & Communication Engineering, Dr. Sudhir Chandra Sur Degree Engineering College 540, Dum Dum Road, Kolkata: 700074, Nov, 2018**

DGPA: 8.7/10.0

Thesis: Design of a Compact Rectangular Microstrip Patch Antenna Using Zeland IE3D Software  
(Guide: Mrs. Manjari Bharati)

## Achievement

- First Position in M.Tech-VISI from Heritage Institute of Technology, Kolkata
- ❖ Completed Two weeks vocational training in All India Radio, Akashvani Bhawan, Kolkata
- ❖ Completed two weeks certified internship in Embedded Systems & IoT from Spatez.
- ❖ Completed One month Summer Industrial Training in Ardent Computech Pvt.Ltd, Kolkata.
- ❖ Actively Participated one-day training program on “IP Awareness under National Intellectual Property Awareness Mission”.
- ❖ Completed 5 days webinar "Recent Trends of Emerging Research Advances in Design

Aspects and Innovative Modeling Techniques with Miniaturization for Electronics Devices and Circuits” under AICTE Training and Learning (ATAL) Academy

- ❖ Completed 5 days webinar on “ASTRONOMY, ASTROPHYSICS AND RELATED CHALLENGES” from B.P.Poddar Institute of Management and Technology” under AICTE Training and Learning (ATAL) Academy.
- ❖ Completed 5 days STTP on “New Avenues of Emotion Recognition” from Maulana Abul Kalam Azad University of Technology.
- ❖ Completed 5 days STTP on “Emerging Nano-Materials for Sustainability” from Maulana Abul Kalam Azad University of Technology.

#### Computer Proficiency

Programming in C, Java, MATLAB

#### Professional

- Research Gate
- LinkDin

#### memberships

#### Job Profile

- Assistant Professor in ECE Department, *Dream Institute of Technology*.
- IQAC Member
- NBA Committee Member
- Departmental Project Co-ordinator

#### Technical Skills

- MATLAB
- Mentor Graphics
- Cadance
- VHDL
- Silvaco
- Xilinx

#### List of

#### Publications

#### Journals

Article on “Design of Compact Microstrip Patch Antenna Using Zeland IE3D Software” published in International Journal of Innovative Research & Studies (Volume- 08; Issue-IV; April 2016)

#### Subject taken

#### in PG Level

Electronic Devices, Analog Electronics Circuits, Information Theory & Coding, CMOS VLSI Design, Digital Communication & Stochastic Process

#### Subject taken

#### in PG Level

Processor Architecture for VLSI, Microelectronics Technology & IC Fabrication

