

Sanjoy Kundu

118 N Husband St, Apartment no.#B,
Stillwater, Oklahoma, 74075
Cell Phone: +1-405-762-5196
Email: sanjoy.kundu@okstate.edu
sanjoykundu.ece@gmail.com

Academia: <https://kuet.academia.edu/SanjoyKundu>
Skype: sanjoykundu.ece
Whatsapp: +1-405-762-5196
Webpage: <https://sanjoykundu.github.io/>

RESEARCH INTERESTS

Computer Vision, Natural Language Processing, Machine learning

EDUCATION

PhD in Computer Science (CS) *January, 2020-Present*
Oklahoma State University, Oklahoma, USA

Master of Science in Computer Science and Engineering (CSE) *January, 2020*
Stamford University, Bangladesh

Bachelor of Science in Electronics and Communication Engineering (ECE) *September 2013*
Khulna University of Engineering & Technology (KUET)

RESEARCH EXPERINECE

Under-Graduate Thesis:

- ❖ Design of Metamaterial-based antenna and devices and analysis of their electromagnetic Properties
Scope: Designing metamaterial structures with negative refractive index, metamaterial high gain antenna design and to reduce SAR with respect to conventional antennas

PUBLICATIONS

Journal Papers:

- ❖ [In review] Knowledge Guided Learning: Towards Open Domain Egocentric Action Recognition with Zero Supervision. Sathyanarayanan N. Aakur, **Sanjoy Kundu**, Nikhil Gunti
arXiv:2009.07470, 2020.

Conference Papers:

- ❖ Benchmark and Evaluation of Low Resource Object Detection in Biomedical Images, **Sanjoy Kundu***, Nikhil Gunti*, Bailey Hendrickson*, Sunil More, Sathyanarayanan Aakur IEEE Workshop on Applied Imagery and Pattern Recognition, 2020
- ❖ Anik Mallik and **Sanjoy Kundu**, "Design of a Novel Dual-Band Microstrip Patch Antenna Operating at 2.45 GHz and 2.84 GHz with Practical Implementation," in Proc. IEEE ICCIT, 2014.

- ❖ Anik Mallik, **Sanjoy Kundu**, and Md. Osman Goni, “Gain and SAR improvement of a conventional patch antenna using a novel Pi-shaped DNG metamaterial,” in Proc. IEEE EICT, 2014.
- ❖ Anik Mallik, **Sanjoy Kundu**, and Md. Osman Goni, “Design of a Novel Two-Rectangular U-Shaped Double Negative Metamaterial,” in Proc. IEEE ICIEV, 2013.
- ❖ Anik Mallik, **Sanjoy Kundu**, and Md. Ashikur Rahman, “An FPGA-Based Semi-Automated Traffic Control System Using Verilog HDL,” in Proc. ICECTE, 2012.

Poster Presentation:

- ❖ Anik Mallik, **Sanjoy Kundu**, and Md. Osman Goni, “Design and Analysis of Metamaterial Based Antenna and Devices,” Varsity Day Thesis Presentation, KUET, 2013.

INDUSTRY EXPERIENCE

Engineer, Technology, NOC: (Network Operation Center)

27th November, 2016- 06th January

Fiber@Home Limited (<http://www.fiberathome.net/>)

- ❖ Experienced with Optical fiber network
- ❖ Working experience with Cisco Switch, Router, Huawei switch, Router, OLT, Juniper Switch, Router etc.

CMS Specialist, Enroute Co. Ltd

01 April – 31 July of 2015

- ❖ Worked as a telecom **engineer** for a local telecom operator in Bangladesh

AWARDS

- ❖ Obtained government and non-government scholarships for good academic performances
- ❖ Divisional and Institutional awards for writing