RESUME

APARNA KUNDU
aparna_kundu27@rediffmail.com
Assistant Professor, ECE Department, DIATM, Durgapur.

Educational qualification: PhD (Pursuing) in ECE Department, NIT, Durgapur. (Thesis submitted).

Thesis Title: "Compact Microstrip Antenna for WLAN/Wi-MAX Application

Interest Research: "Compact Microstrip Antenna"

Experiences: 11 years as Assistant Professor

List of publications

Journal Publications:

1.Ujjal Chakraborty , Aparna Kundu, S. K. Chowdhury,and Anup Kumar Bhattacharjee " Compact Dual-Band Microstrip Antenna for IEEE 802.11a WLAN application" ***IEEE Antennas And Wireless Propagation Letters***, pp 407-410,VOL. 13, 2014

2. Aparna Kundu, Ujjal Chakraborty and Anup Kumar Bhattacharjee " Design of compact dual-band co-axially fed microstrip antenna for2.4/5.2/5.8 GHz WLAN applications" Taylor & Francis *Journal of Electromagnetic Waves and Applications*, Vol. 29, No. 12, pp.1535–1546, 2015.

3. Aparna Kundu and A. K. Bhattacharjee "Design of compact triple frequency microstrip antenna for WLAN / WiMAX applications"*Microwave and optical technology letters*, Vol. 57, pp 2125-2129,No. 9, September 2015.

4. Aparna Kundu, Ujjal Chakraborty and Anup Kumar Bhattacharjee " Design of a compact wide band microstrip antenna with a very low VSWR for WiMAX applications" Cambridge University Press and European Microwave Association, *International Journal of Microwave and Wireless Technologies*, page 1of 6 , 2016

5. Aparna Kundu, Bappadittya Roy and Anup Kumar Bhattacharjee "Circularly Polarized Laptop Operated an Electromagnetically Actuator Controlled Compact Microstrip Antenna" Cambridge University Press and European Microwave Association, *International Journal of Microwave and Wireless Technologies*, 2018.(communicate).

Conference Publications:

1. A. Kundu, Bappadittya Roy, S. Batabyal, U. Chakraborty and A. K. Bhattacharjee "A coaxial fed compact rectangular microstrip antenna with multi-layer configuration for WLAN 2.4/5.2/5.8 GHz band applications" *IEEE conference* ICINFS 2014.7036516 pp. 1- 4., year 2014

2. Asim Kumar Biswas, Aparna Kundu and Ujjal Charaborty "A simple Wide band microstrip antenna with modified ground plane for mobile applications" *IEEE international conference on computational intelligence and computing research* 2017.

3.Ujjal. Charaborty, Asim Kumar Biswas, Aparna Kundu and Soumen Kumar Ram "A wide band microstrip antenna for WLAN, C band uplink and Wi-MAX applications" *IEEE international conference on computational intelligence and computing research 2017*.

4.A.K.Biswas, A.Kundu, A.K.Bhattacharjee, U.Chakraborty "Isolator Based Mutual Coupling Reduction of H-shaped Patches in MIMO Antenna Applications" *International Conference on Emerging Trends in Engineering and Science (ETES) 2018.*