

Name of Teaching Staff : Prof.(Mrs.) Shivani Bhattacharjee
Designation : Assistant Professor
Department : Electronics & Telecommunication Engineering
Date of Joining the Institution : 18.7.2011



Qualifications with Class / Grade : 1. M.Tech. (Electronics & Communication. Engineering), 1st class with Distinction (76%) 2010.
2. B.E.. (Instrumentation) 1st class (65.5%.) in 2004.

Total Experience in Years : **Teaching** :12years
1. Asst.Professor, D.J.Sanghvi College of Engineering from 18.7.2011.
2. Lecturer, K.J. Somayia College of Engg. from 1.2.2011 to 13.5.2011.
3. Lecturer, Apeejay College of Engg. Sohna, Gurgaon from October, 2005 to 15.1.2011.

Industry: 1 year 3 months

Executive Quality Assurance in SKN Associates Pvt.Ltd., Faridabad from June 2004 to September, 2005.

Research: --

Papers Published : **National: 7**
1. "GSM controlled aquarium" at National Conference on Computing Information Technology (NCCIT-2013).
2. "Internet based process control system" D J Spark 2012. (ISBN: 97 82062-20-2).
3. "Automatic Shopping System" published in project competition D J ; 2012. (ISBN: 978-93-82062-20-2).
4. "Intelligent transport System and Vehicle driving system" in jc Technofocus with ISSN 2321-0532
5. Design of high speed UART for programming FPGA –National Conference on Advnces in VLSI Embedded & Communication organized by AFSET, Faridabad.
6. Data Centric Wireless Network Protocols:Attacks and Counter measures- National conference on Recent Emergence & Scope of Electronics Architecture Research-2KX at HEC, Jagadhri.
7. Adhoc Wireless Sensor Network for Emergency Medical Care – National Conference NCEICS,2008 organized by Apeejay College of Engg. Sohna, Gurgaon.

International: 9

1. FPGA based design and implementation of high speed multichannel UART- International Conference on innovative Practices in management and Technology for excellence SRIJAN 2010 organized by MAIMT, Jagadhari.
2. "Wireless Remote Controlled POV Display" in IJCA (973-93-80883-39-0) in April, 2015 edition.
3. "Wi-Fi Calling" in IJCA (973-93-80883-39-0) in December, edition.

4. "Industrial Automation and sensing using zibgee" in DJ Spark / 2015 (ISBN: 978-93-82062-20-2).
5. "Catching moving violations using serial Communication" in Spark April, 2015 (ISBN: 978-93-82062-20-2).
6. "Industrial Automation and Sensing using ZigBee" in IJCA (978-93-80883-39-0) in November, 2014 edition.
7. "Catching Moving Violations using an Embedded System" in IJCA (973-93-80883-39-0) in October, 2014 edition.
8. "Wireless display using zigbee" in International Journal of Electrical and Communication engineering (IJECE) ISSN (2278-991X) September, 2013.
9. "Wireless Data Transfer" At International Conference on Communication Technology, 2013 (ICCT) later published in IJCA (ISBN: 973-93-80877-84-1h).
10. "Smart parking based on Internet of things" at 4th International Conference on Computing Communication Control and Automation (ICCUBEA) and later published In IEEE.

Papers Presented in Conferences

: **National: 2**

1. Design of high speed UART for programming FPGA –National Conference on Advances in VLSI Embedded & Communication organized by AFSET, Faridabad Adhoc wireless sensor network for emergency medical care.
2. Adhoc Wireless Sensor Network for Emergency Medical Care –National Conference NCEICS,2008 organized by Appeejay College of Engg. Sohna, Gurgaon

International: 1

1. FPGA based design and implementation of high speed multichannel UART- International Conference on innovative Practices in management and Technology for excellence SRIJAN 2010 organized by MAIMT, Jagadhari

PhD Guide ? Give field & University

: **Field:** --
University: --

PhDs / Projects Guided

: **PhDs :** --
Projects at Masters level: --

Books Published / IPRs / Patents

: --

Professional Memberships

: --

Consultancy Activities

: --

Awards

: --

Grants fetched

: --

Interaction with Professional Institutions

: --