



Name: Dr. VED PRAKASH ROY

Designation: ASSOCIATE PROFESSOR & HOD

Qualification: Ph.D, MBA, LLB

Specialization: MICROWAVE & ANTENNA

Work Experience: 16 YEARS

#### **REFRESHER COURSES**

1. **Induction training** sponsored by **AICTE**, by **NITTTR**, Kolkata, Jan 02-13,2007
2. Continuing education Programme on **Nanoelectronics, Science,Technology and Engineering** sponsored by **AICTE**,organized by **IIT Kharagpur, July 07-19,2008**
3. One week **Winter school on VLSI System Design**, sponsored by **MHRD/AICTE**, organized by **NIT, Durgapur**
4. Two week **ISTE Workshop on Analog Electronics**, conducted by **IIT Kharagpur** under **NMEICT(MHRD), June 4-14, 2013**
5. Two week **ISTE Workshop on Signal and System**, conducted by **IIT Kharagpur** under **NMEICT(MHRD), Jan 2-12, 2014**

#### **SEMINAR**

1. **Wireless Communication and Networking(WCN2008)**, Department of **ECE, NIT, Durgapur** on **28-29 March, 2008**
2. **National Conference on Condensed Matter (RT- 2x7)** organized by **Department of Physics, T.M University Bhagalpur** on **28-29 March, 2007**

#### **RESEARCH PAPER**

1. V.P.Roy, S.K.Choudhary, "**Assessment of Resonant Frequency of Rectangular Microstrip Antenna Immersed in Plasma**",Applied Science Periodicals,vol.14,no.2,May 2012
2. V.P.Roy, S.K.Choudhary, "**A Study of Determination of Input Impedance of Probe-Fed Microstrip Disk Antenna in Plasma Medium**", Applied Science Periodicals, vol. 14,no. 4,November 2012
3. D.Mondal, V.P.Roy, "**Side Lobe Reduction of Concentric Thinned Antenna Array using Evolutionary Algorithms**", IOSR-JEEE. Vol. – 9,Issue-3, ver –iii (may-june 2014) pp-43 -49.
4. D. Mandal, V.P.Roy, A. Chatterjee, A.K. Bhattacharjee,"**Synthesis of Dual Radiation Pattern of Rectangular Planar Array Antenna Using Evolutionary Algorithm**" ICTACT Journal on Communication Technology, Volume 6, Issue 3, pp 1146-1149 Sep.2015.
5. D. Mandal, Jyotirmay Tewary , Kalyan Sundar Kola and Ved Prakash Roy,, "**Synthesis of Dual Beam Pattern of Planar Array Antenna in A Range of Azimuth Plane Using Evolutionary Algorithm**", Progress In Electromagnetics Research Letters, Vol. 62, pp 65-70, 2016. PIER Letter
6. J. Tewary, D. Mandal, K.S.Kola, V.P.Roy,, "**Optimum Design of Bi-layer Perforated Electromagnetic Shield Using Improved Particle Swarm Optimization Algorithm** ", IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676, Volume 11, Issue 3 Ver. IV (May Jun. 2016), PP 65-70., doi:10.9790/1676-1103046570.
7. D. Mandal, K.S.Kola,J. Tewary, V.P.Roy,Anup K. Bhattacharjee, "**Synthesis of Steered Flat-top Beam Pattern Using Evolutionary Algorithm**", Advanced Electromagnetics, Volume 5, No 3 (December 2016), PP 86-90., doi:10.9790/1676-1103046570.
8. K.S.Kola, D. Mandal, J. Tewary, V.P.Roy,Anup K. Bhattacharjee, "**Optimum Design of ThinWideband Multilayer Electromagnetic Shield Using Evolutionary Algorithms**", Advanced Electromagnetics,, (Accepted).