

Biosketch

Faculty Name: Dr. Rupali Agarwal



Areas of Interest:

Digital Electronics, Microprocessors, Wireless Communication

Education

- Ph.D., Dr. APJ AKTU, Lucknow
- M.Tech, Harcourt Butler Technical University, Kanpur
- B.Tech, Dr. APJ AKTU, Lucknow

Academic/Industrial Experience

1. Associate Professor, Electronics & Communication Engineering, BBDTM, Lucknow, 2015-Present
2. Assistant Professor, Electronics & Communication Engineering, BBDTM, Lucknow, 2011-2015.
3. Assistant Professor, Electronics & Communication Engineering, AIMT, Lucknow, 2009-2011.
4. IIS QMS Soft/Tech Pvt. Ltd., Lucknow
5. Application Engineer, Quartz Marketing Systems, Kanpur, 2005-2007.

Selected Publications

- **Rupali Agarwal, Neelam Srivastav, Himanshu Katiyar, "Performance of Multi-antenna Relay in Cognitive Radio Network" International Journal of Electronics (Taylor & Francis), Vol. 19, Issue 4, 2021 pp 414-427 [SCIE Indexed] DOI: 10.1080/21681724.2021.1969434**
- **Rupali Agarwal, Neelam Srivastav, Himanshu Katiyar, "Performance Improvement of Energy Detector in Cognitive Radio using SEDp Diversity Combining Technique over Fading Channel" International Journal of Wireless and Mobile Computing (IJWMC), Interscience, Vol. 18, No. 2, 2020 [Scopus Indexed] DOI: 10.1304/IJWMC.2020.180796**
- **Rupali Agarwal, Neelam Srivastav, Himanshu Katiyar, Theoretical Investigation of Different Diversity Combining Techniques in Cognitive Radio" in "Journal of Telecommunications and Information Technology" Vol 3, Issue 3, 2018 pp. 64-69. [Scopus Indexed] DOI: 10.26636/jot.2018.124618**