

## **Ms. Alpana Sahu**

**Designation:** Assistant Professor

**Qualification:** M. Tech., B. Tech.

**Specialization:** Signal Processing

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### ***Education***

M. Tech. in Signal processing from NSIT, Delhi University in 2011.

B. Tech. in Electronics & Communication from U.P. Tech University in 2004.

### ***Research Interest***

Communication, Signal processing

### ***Publications***

**International Journals: 02**

**National Journals: 04**

**International Conferences: 02**

**National Conferences: 06**

### **SELECTED PAPERS:**

1. **Alpana Sahu** “Joint Design of Channel Decoding and Network Coding in Relay-system”, Lingaya’s Journal of Professional Studies, Volume: 03, No.01, PP. 13-23, July to Dec 2009, Faridabad.
2. **Alpana Sahu** “On the Performance of Network Coding and Channel Coding for Wireless Networks”, AKG Journal of Technology, Vol. 01, No.02, PP. 26-31, July-Dec 2010 , Ghaziabad.
3. **Alpana Sahu**, Saifullah “Advanced coding strategies for the Two-way relay Channel”, International journal of Advanced Networking and Applications, Vol. 02, Issue 02, PP. 502-506, Sep-Oct 2010 Bangalore.
4. **Alpana sahu**, Parul Garg, “Design of Channel Coding and Decoding in a Relay System with Physical-Layer”, Proc. Of International Conference on Mobile Internet Devices, section-3B, Network Protocols & Routing Algorithms, 17-18 Dec. 2010, Hyderabad.

**Thesis Guided: 20**