

## *Curriculum Vitae*

### **Ravindra Kumar Sharma**

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#### **Education:**

**A.M.I.E.**      *Electrical Engineering*  
*The Institution of Engineers (India), Pursuing.*

**M.Tech.**      *Digital Communication System*  
*Rajasthan Technical University, Kota, India, Oct. 2012*  
*Dissertation: Analysis of dispersion in As<sub>2</sub>Se<sub>3</sub> glass PCF.*

**B.E.**      *Electronics & Communication Engineering*  
*University of Rajasthan, Jaipur, India, July 2008*

#### **Service:**

Experience: 3 years

Assistant Professor in Rajdhani Institute of Technology & Management, Jaipur.

Subject:      *Electronics Devices & Circuit*  
*Analog Electronics*  
*Industrial Electronics*  
*T.V. & Radar Engineering*  
*Optimization Technique*

**Archival journal publications:**

1. **Ravindra Kumar Sharma**, Kirti Vyas and Ajay Kumar Bairwa, "Flattened Dispersion of Hexagonal Chalcogenide  $As_2Se_3$  Glass Photonic Crystal Fiber with a Large Core", IJSCE, Vol. 2, Issue 2, pp 201 – 203, May – 2012.
2. **Ravindra Kumar Sharma**, Ashish Mittal and Vineet Agrawal, "A Design of Hybrid Elliptical Air Hole Ring Chalcogenide  $As_2Se_3$  glass PCF : Application to lower zero Dispersion", IJERT, Vol. 1, Issue- 3, pp 1-4, May 2012.
3. **Ravindra Kumar Sharma**, Kirti Vyas and Navneet Jaroli, "Dispersion Analysis of Hexagonal Chalcogenide  $As_2Se_3$  glass Photonic Crystal Fiber", IJAST, Vol. 4, No. 5, pp 66- 70, May – 2012.
4. **Ravindra Kumar Sharma**, Kirti Vyas and Navneet Jaroli, "Investigation of zero Chromatic Dispersion in Square Lattice  $As_2Se_3$  Chalcogenide Glass PCF", IJCEM, Vol. 15, Issue 4, pp 23- 26, July-2012.
5. Mahesh Chand, Sandhya Sharma and **Ravindra Kumar Sharma**, "Demonstration of Chromatic Dispersion in Borosilicate Crown Glass Microstructure Optical Fiber", IJMER, Vol. 2, Issue 4, pp 2591-2593, July-2012.
6. Sunil Sharma, Kirti Vyas, Naveen and **Ravindra Kumar Sharma**, "Measurement of Flattened and Zero Dispersion in PCF with a Large Core and Concentric Elliptical Ring", IJAIR, Vol. 1, Issue- 5, pp 90- 93, Oct. 2012.

**Refereed conference proceedings:**

1. **Ravindra Kumar Sharma**, Vineet Agrawal and Ashish Mittal, "Comparison of Dispersion in Photonic Crystal Fiber with a concentric missing ring", National Conference on Recent Advancement in Engineering & Science, SIIT, Jaipur, January- 2013.

**Professional memberships:**

1. The Institution of Engineers (India)
2. Indian Society for Technical Education, New Delhi
3. International Association of Computer Science & I. T, Singapore

