

## FACULTY PROFILE

### **ASHUTOSH SINGH**

**Professor,  
Department of Electronics Engineering**



**Specialization:** Communication Systems and Networks

**Qualification:** B. Tech. (Electronics Engineering),  
KNIT Sultanpur, (RML Avadh  
University), Uttar Pradesh

M. E. (Telecommunication), ECE, IISc Bangalore  
Ph. D. (Electrical Engineering), IIT Kanpur

**Office Address:** 205 B, ET Department, HBTU Kanpur-208002

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**Experience:** Academic: 25 Years (HBTU Kanpur), Industrial: 2 Years

**Teaching Areas:** Communication Theory, Communication Systems, Signal  
Analysis, Random Processes, Computer Networks

**Research Areas:** Peer-to-Peer Networks, Complex, Small World and Social  
Networks, MANET, WSN, Reliability in Networks, Channel  
Coding

**Theses Guided:** M. Tech. Theses: 26  
Ph. D. Theses: 03 (ongoing)

**Publications:** IEEE and other Conferences: 17  
International/National Journals: 15  
Invited Lectures/ Session Chair: 10  
Book Reviewed: 'Analog and Digital Communication'  
published by Tata Mc-Graw Hill Education, New Delhi

**Training Programs:**  
FDPs/STCs/IEPs/CCEs/Summer/Winter Schools/SVRPs at various IITs/IISc: 30  
MCEPs/MDPs at various IIMs.: 03

**Administrative Responsibilities:**  
Associate Dean (Research and Development)  
Additional Controller of Examination  
Assistant Superintendent of Examination  
Co-Coordinator, Project IMPACT  
Coordinator, UG Program  
Member, BOS at HBTU, IET-CSJMU  
Coordinator, Industry Attachment Program  
Organizer for various Seminars, Conferences, FDPs/STCs  
Member, Selection and Promotion Committees, Investigation Committees  
Member, Committee for syllabus revision in Board of Technical Education,  
Uttar Pradesh  
Observer for UPSEE, NIMCET

**Interaction with other Organizations/Professional Bodies:**  
IIT Kanpur, AKTU, Integral University, AMU, NIELIT, DRDO, ISRO, IE, IEEE,  
IETE