1. PROFESSIONAL SUMMARY

Dr. Ashish Gupta is an accomplished Academician, Researcher and University Administrator, currently serving as the Controller of Examinations at Sikkim University, Gangtok, Sikkim. With over 25 years of professional experience in teaching, research and academic administration and Extensive experience in Academic Coordination and University-level Administrative responsibilities.

Dr. Gupta research engagement extends to emerging areas such as Machine Learning, Cloud Computing, Enterprise Planning and Security, Smart Sensors and Computing Infrastructure. As an academic mentor and research supervisor, he has successfully guided four Ph. D. scholars and supervised six M. Tech. students.

2. ACADEMIC QUALIFICATIONS

S. No.	Degree	Specialization	Institution	Year
1.	Ph. D.	Electronics and Communication Engineering	Jamia Millia Islamia (A Central University), New Delhi	2015
2.	M. Tech.	VLSI Design	Dr. APJ Abdul Kalam Technical University (formerly Uttar Pradesh Technical University), Lucknow.	2007
3.	PGDBA	Finance with International Business	HIM, Sonipat (NMIMS, Mumbai)	2000
4.	B. Tech.	Electronics Engineering	KNIT, Sultanpur Dr. RML Avadh University, Faizabad	1998

3. AREAS OF SPECIALIZATION AND RESEARCH INTERESTS

Core Areas	Emerging Research Areas
• Electronics and Communication Engineering	• Machine Learning and Intelligent Computing
• VLSI Design	• Cloud Computing and Computing Infrastructure
• Analog and Digital Circuit Design	• Enterprise Security and Information Technology
• Analog Signal Processing	• Smart Sensors and their Applications
	• Emerging Computing Technologies

4. SELECTED RESEARCH PUBLICATIONS

- "On-Premises Vs. Cloud Infrastructure: Decoupling Capital Expenditures (CAPEX) from Operational Expenditures (OPEX); The Financial, Physical, and Operational Trade-Offs of Leasing Data Center Real Estate Vs. Renting Virtualized Cloud Resources" in the book titled "A Manager's Guide to Computing Principles", ISSN/ISBN No.: 3070-7617 (Online), 978-81-6993-148-9, DOI: 10.58532/nbennurAMGCC10, pp. 76–88 by Iterative International Publishers, Bengaluru/India, 2026.
- "Enterprise Security Principles Operationalizing the CIA Triad, Identity Access Management (IAM), And Distinguishing Authentication from Authorization" in the book titled "A Manager's Guide to Computing Principles", ISSN/ISBN No.: 3070-7617 (Online), 978-81-6993-148-9, DOI: 10.58532/nbennurAMGCC4, pp. 26–39 by Iterative International Publishers, Bengaluru/India, 2026.
- "Using Machine Learning to Determine Obesity-Related Risk Factors" in the Proceedings of ICDLAI 2024, "Deep Learning and Visual Artificial Intelligence", ISSN/ISBN No.: 978-981-97-4532-6 and 978-981-97-4535-7, DOI: 10.1007/978-981-97-4533-3_10, pp. 123–132, 2024.
- "The Impact of Cloud Computing on Social Networking Platforms: Exploring Potential Benefits and Obstacles" in the book titled "Futuristic Trends in Information Technology", ISSN/ISBN No.: 978-93-6252-846-9, DOI: 10.58532/V3BKIT3P8CH2, pp. 153–170 by Iterative International Publishers, Bengaluru/India, 2024.
- "Smart Sensors: Working and it's Applications" in the book titled "Futuristic Trends in Computing Technologies and Data Sciences", ISSN: 3070-7617 (Online) & E-ISBN: 978-93-5747-552-5, DOI: 10.58532/V2BS18P4CH2, pp. 227–239 by Iterative International Publishers, Bengaluru/India, 2022.

5. ADMINISTRATIVE EXPERIENCE, PROFESSIONAL COMPETENCIES AND LEADERSHIP

Key areas of Administrative Responsibility include:

- Overall supervision and management of University Examination Administration and related activities, Academic Governance and Quality Assurance.
- Academic Planning and Institutional Coordination, Examination planning, scheduling and coordination.
- Monitoring and coordination of Examination Process Development, Evaluation and Assessment process.
- Ensuring transparency, Accountability and Integrity in Examination procedures.