

JAPINDER SINGH

Associate Professor (CSE), System Analyst and HoD Computer Centre , Former HoD SBS State University (Formerly SBSSTC), Firozpur, Punjab Email: japinder@sbsstc.ac.in; japitaneja@gmail.com | Phone: 8427102004

PROFESSIONAL SUMMARY

A distinguished Academic Leader and Administrator with over 30 years of experience spanning Engineering Education, Industrial Management, and Institutional Governance. A **BITS Pilani** alumnus with a rare combination of leadership roles: **President of Institutional Innovation Council (IIC)**, **Two-term Head of Department (CSE)**, and **General Manager** in the manufacturing sector. Expert in managing 100-acre technical infrastructures, navigating industrial crises, and fostering a culture of innovation and entrepreneurship within the university ecosystem.

INNOVATION & ACADEMIC LEADERSHIP

President – Institutional Innovation Council (IIC) | SBS State University | 2022 – Present

- **National Level Hackathon:** Successfully organized and executed a **36-hour National Level Smart Hackathon (2022)**, coordinating with industry experts, mentors, and student teams from across the country.
- **Incubation & Entrepreneurship:** Spearheading the university's innovation roadmap, fostering a startup culture, and aligning institutional goals with the Ministry of Education (MoE) Innovation Cell mandates.

Head of Department (Computer Science & Engineering) | SBS State University *Terms: 2014 – 2016 | 2019 – 2021*

- **Departmental Governance:** Provided strategic vision for the CSE department, managing faculty development, student welfare, and infrastructure modernization.
 - **Accreditation Leadership:** Directed the department through critical **NBA and NAAC** accreditation cycles, ensuring high standards in curriculum delivery and documentation.
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TECHNICAL & ADMINISTRATIVE ROLES

System Analyst (Campus Infrastructure) | Current Responsibility

- **Network Architecture:** Architected and maintaining the **Campus-wide Data Network** for a **100-acre campus**.
- **Security & Gateway:** Expert management of **Sophos UTM**, configuring firewall policies, intrusion prevention (IPS), and secure VPN access for 2000+ stakeholders.

Deputy Registrar (Accounts) / Store & Purchase Officer (SPO) | Past Responsibilities

- **Financial Oversight:** Managed university-wide budgeting, payroll, and statutory audits during the transition to a State University status.
 - **Procurement:** Led e-tendering and procurement lifecycles for laboratory and departmental equipment, ensuring 100% compliance with State Government norms.
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INDUSTRIAL LEADERSHIP EXPERIENCE

General Manager (Haridwar Plant) | PP Industries | Jan 2008 – Feb 2012 (*On Leave from SBSSTC/ SBS State University*)

- **Strategic Turnaround:** Led an 11KV Distribution Transformer manufacturing plant through the **2008 Global Recession**, achieving financial **break-even within three years**.
 - **Crisis Management:** Managed a workforce of **100+ personnel** and successfully negotiated the resolution of **two major industrial strikes**, ensuring zero production downtime.
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TEACHING PORTFOLIO

Associate Professor (CSE) | SBS State University | 1995 – Present

- **Course Instruction:** Delivering core and advanced engineering subjects to **UG (B.Tech)** and **PG (M.Tech)** students.
- **Expertise Areas:**
 - Programming for Problem Solving (PPS)
 - Data Structure and Algorithms (DSA)
 - Object-Oriented Programming Systems (OOPS)
 - Computer Networks
 - Software Engineering
 - Computer Peripheral and Interfaces

EDUCATION

- **MS in Software Systems | BITS Pilani (Main Campus) | 2011 – 2013**
 - **BE in Computer Science & Engineering | Amravati University | 1991 – 1995**
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CORE COMPETENCIES

- **Leadership:** Innovation & Incubation Management, Academic Governance, Conflict Resolution.
- **Technical:** Network Security (Sophos UTM), 100-acre Campus LAN/WAN Architecture, Peripheral Interfacing.
- **Administrative:** Financial Auditing, E-Procurement, State Purchase Norms, Industrial Relations.