Prof. (Dr.) Neeraj Kumar Sharma

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Objective:
To leverage my expertise and experience in Academics and Computer Engineering in a challenging and high-performance-oriented role, delivering quality education and developing complex projects with efficiency and quality.

Education:
- **Ph.D. Computer Science & Engineering (2011), Singhania University, Rajasthan**
  - Thesis: Developing Application Tools Using Software Testing Techniques.
- **MBA (Total Quality Management) (2015), Sikkim Manipal University**
  - First Division (72%).
- **MCA (1998), Panjab University Chandigarh**
  - First Division (66%).
- **B.Sc. Computer Science (1995), Kurukshetra University**
  - First Division (71%).
- **12th Standard (1991), Board of School Education Haryana**
  - First Division (63%).
- **10th Standard (1989), Board of School Education Haryana**
  - First Division (63%).

Certifications:
- ITIL® V3 Foundation (2011) - 96%
- Juniper Networks Certified Associate JNCIA-JUNOS (2010)
- Juniper Networks Certified Specialist JNCIS-ENT (2010)
- Juniper Networks Certified Specialist JNCIS-SEC (2010)
- Juniper Networks Certified Specialist JNCIS-ER (2010)

Technical Skills:
- Languages: C/C++, Softec, COBOL, Pascal, FORTRAN – 77 / IV
- Operating Systems: DOS, VAX-VMS, UNIX, AIX, WIN-98, WIN 2000 series, Macintosh
- Front End: NATURAL 2.2.3, V.B. 6.0

- Database: VAX RDB, ADABAS-D, ORACLE 9i
- Hardware: Pentium Series, IBM RS 6000, VAX 8350, Thin Client

Strengths:
- Strong organizational and administrative skills
- Excellent communication skills to present points precisely and clearly
- Good problem-solving ability and analytical skills
- Effective team player with excellent interaction skills
- Proficient in various operating systems
- Efficiently delivers output in less time without losing quality

Professional Experience:

Greater Noida Institute of Technology (Engg. Institute) (GNIOT), Greater Noida
- Professor and Head of Department (MCA) (November 2023 - Present)

Harlal Institute of Management & Technology (HIMT), Greater Noida
- Professor and Director (August 2018 - October 2023)
- Dean (Planning & Monitoring) and Proctor (January 2013 - October 2023)
- Dean - IT, Head of Department, Head of Training and Placement (Various roles)

N. C. College of Engineering, Israna Panipat
- Head of Department Computer Science & Information Technologies (August 2000 - July 2001)

Groz Beckert Asia Ltd., Chandigarh
- Programmer / Analyst (January 1998 - July 2000)

Patents:

International:
- A Decentralized Data Management In IOT System Using Block Chain Technology
(GERMAN-4741)

Design:
-IOT Based Grid Energy Management Device (Application Under Process)
-IOT based Solar Power Agriculture Robot (Design Accepted and Published)
-IOT Enabled Audio Player Integrated Printer (Design Accepted and Published)

Published:
- Patents on wave propagation, AI in education, and IoT.

Research and Publications:

Books / Chapters:
- Units on DBMS and Computer System Design
- Books for Sikkim Manipal University on Total Quality Management

- Books for Thakur Publishers

Reviewer:
- IGI – Global Book / Journal
- ARSEAM International Journals

Session Chaired:
- International conferences on applications of mathematics, computing, and informatics

Publications (International Journals):
- Topics: Software size influence on productivity, AI for software cost reduction, impact of development methodology on cost & risk, AI/Deep Learning for software engineering

Research Scholar Supervised:

Ph.D. Completed / Awarded:
- Supervised scholars on software project management techniques and quality metrics

Ph.D. Thesis Evaluated:
- Evaluated theses on histogram equalization, data mining using machine learning, and artificial intelligence

Awards:
- India's Future CIO Award Winner (2010)

Interviews and Talks:
- Featured in interviews and talks on creating better educational institutes and industry challenges