

DR. SUNEEL KUMAR

Assistant Professor (Guest Faculty)

Department of Computer Science & Engineering
Indian Institute of Information Technology Bhagalpur (IIITBH), India.

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RESEARCH INTERESTS

Database, Blockchain, Crowdsourcing

EDUCATION

Doctor of Philosophy (Ph.D.) | *Department of Computer Science*

March 2020 – December 2025

Ph.D. Awarded: 08 December, 2025

Thesis Title: On Designing Scalable Decentralized Data Management Systems.

Department of Computer Science, Institute of Science,
Banaras Hindu University (B.H.U), Varanasi, India

Master of Computer Applications (MCA) | *Computer Applications*

July 2015 – July 2018

University of Allahabad

Prayagraj (Allahabad), Uttar Pradesh India

Bachelor of Science (B.Sc.) | *Physics, Mathematics*

July 2012 – June 2015

Shibli National College

Azamgarh, Uttar Pradesh, India

TEACHING EXPERIENCE

Department of CSE, IIIT Bhagalpur, India

January 2025 - Present

Computer Networks, Artificial Intelligence & Web Development for B.Tech.

Department of AIDE, IIIT Kota, India

August 2025 - January 2025

Advanced Algorithms for M.Tech.

Machine Learning & Web Development Lab for B.Tech.

RESEARCH EXPERIENCE

Senior Research Fellow

Nov 2024 - May 2025

Department of Computer Science, Institute of Science,
Banaras Hindu University (B.H.U), Varanasi, India

Junior Research Fellow

Nov 2022 - Nov 2024

Department of Computer Science, Institute of Science,
Banaras Hindu University (B.H.U), Varanasi, India

EXAM QUALIFIED

University Grants Commission(UGC)-NET & JRF

Dec 2021 & June 2022

Graduate Aptitude Test in Engineering (GATE)

March 2025

PUBLICATIONS

Journals Articles:

- **Suneel Kumar**, Sarvesh Pandey. "WSC: A Crowd-Powered Framework for Mapping Decomposable Complex-Task with Worker-Set." *Concurrency and Computation: Practice and Experience* (2024): (SCIE)
- **Suneel Kumar**, Sarvesh Pandey and Umesh Bhatt. "On Enhancing E-Commerce Shipping Policies with Blockchain and Recommender Systems." *SN Computer Science* (2025): (Scopus)
- **Suneel Kumar**, Sarvesh Pandey. "Trust-Aware Decision Making for Decentralized Services using MCDM on Blockchain", *Computers and Electrical Engineering* (SCIE) [*In Communication*].

Conference Proceedings:

- **Suneel Kumar**, Sarvesh Pandey, and Umesh Bhatt. "On Designing an Intelligent Shipping Algorithm for Decentralized E-Commerce Systems" International Conference on Advanced Network Technologies and Intelligent Computing(ANTIC), pp. 155-169, Cham: Springer Nature Switzerland, 2023.
- **Suneel Kumar**, Sarvesh Pandey. "TOPSIS Enabled Trustworthiness in Crowdsourcing using the Fuzzy Logic-powered Blockchain." In IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS), pp. 1-6.

WORKSHOP/CONFERENCE ATTENDED/FACULTY DEVELOPMENT PROGRAM

- Participated in **Online Faculty Development Program** on "**AI and Deep Learning: Trends and Future Development**", Sponsored by Ministry of Electronics and Information Technology (MeitY), Government of India, organized by E & ICT Academy, NIT Warangal, in association with Department of EE, **International Institute of Information Technology (IIIT) Bhubaneswar** from 15 September – 26 September,2025.
- Attended 8th Premier **International Conference CODS-COMAD Dec'24** at IIT Jodhpur, Jodhpur, India, during 18–21 December 2024.
- Presented a **Hands-on Program** titled "**Introduction to Git and GitHub: Hands-on Demonstration**" during the *Two-Day National Seminar cum Workshop on Interactive Resources for E-Content Development and Writing Research Articles Across Multiple Subjects*, held on February 20-21, 2024, organized by **Mahila Mahavidyalaya, Banaras Hindu University, Varanasi, India**.
- Participated in **ACM India PhD Clinic Program** organized by 7th Premier **International Conference CODS-COMAD 2024** at IIIT Bangalore, Bangalore, India, during 4-7 January 2024.
- Attended One Week Workshop on "**Scientific Writing on LaTeX and Other Open Source Software during Feb 20 to Feb 25, 2023**" organized by **DIST-Centre for Interdisciplinary Mathematical Science (CIMS), Banaras Hindu University, India** from February 20 to February 25, 2023.
- Participated in the Karyashala on "**Blockchain Technology: Architecture and Applications**" organized by **IIIT Kota, India**, from November 28 to December 4, 2022.
- Certificate of Appreciation for review articles in **Advance Network Technologies And Intelligent Computing (ANTIC-2021)**, held at Banaras Hindu University(B.H.U), Varanasi.

PROJECTS

- **Projects during PG Level**

Project Title:	Structural Analysis of Brain Networks
Programming Language:	R
Guidance:	Dr. Abhay Kumar Rai
University:	University of Allahabad, Prayagraj (Allahabad), Uttar Pradesh, India.
Year:	2018
Project Title:	Linear Programming Problems
Programming Language:	Java
Guidance:	Dr. Madhusudan Singh
University:	University of Allahabad, Prayagraj (Allahabad), Uttar Pradesh, India.
Year:	2017

SKILLS

Languages: Hindi, English

Programming: Python, Solidity, C

Document Creation: LaTex, Microsoft Office Suite

REFERENCES

- **Dr. Sarvesh Pandey** (Fulbright Researcher), University of California, Irvine,
Email: sarvesh1@uci.edu
(Assistant Professor) Computer Science-MMV, Banaras Hindu University (B.H.U), Varanasi,
India-221005, sarveshpandey@bhu.ac.in
- **Prof. Ratneshwer** (Professor), School of Computer & Systems Sciences, Jawaharlal Nehru University
(J.N.U.), New Delhi, India-10067 , Email: ratnesh@mail.jnu.ac.in
- **Dr. Gaurav Baranwal** (Assistant Professor), Department of Computer Science, Banaras Hindu
University (B.H.U), Varanasi, India-221005, Email: gaurav.baranwal@bhu.ac.in
- **Dr. Awadhesh Kumar** (Assistant Professor), Computer Science-MMV, Banaras Hindu University
(B.H.U), Varanasi, India-221005, Email: akmcsmmv@bhu.ac.in

DECLARATION

I hereby declare that all the information furnished in this resume is correct and best of my knowledge and belief.

Date: 26-01-2025

Place: IIIT, Bhagalpur

Suneel Kumar