

## ONKAR SINGH

### OBJECTIVE

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Friendly, hard-working individual seeking to gain research and administrative experience to acquire professional development while contributing to the short- and long-term plans of the college and university.

### WORK EXPERIENCE

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- August 19, 2025 – Till Date **Associate Professor** in Shaheed Sukhdev College of Business Studies (University of Delhi), Sector 16, Rohini, Delhi.
- July 16, 2009 – August 18, 2025 **Assistant Professor** in Shaheed Sukhdev College of Business Studies (University of Delhi), Sector 16, Rohini, Delhi.

### ADMINISTRATIVE RESPONSIBILITIES

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- Worked as the **Teacher-in-charge (Head of the department)** of the Department of Computer Science in Shaheed Sukhdev College of Business Studies from July 2019 to July 2021.
- Worked as the **Liaison Officer (SC/ST)** of the Shaheed Sukhdev College of Business Studies from 2015 to July 2022.
- Worked as an **Admission Committee Member** of the Shaheed Sukhdev College of Business Studies from 2015 to 2022.
- Worked as a **Purchase Committee Member** of the Shaheed Sukhdev College of Business Studies from 2015 to 2016.
- Worked as a **Canteen Committee Member** of the Shaheed Sukhdev College of Business Studies from 2015 to 2018.

### JOURNAL PUBLICATIONS

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- **Onkar Singh**, Ajay Jaiswal, and Naveen Kumar. (2025). Real-numbered singular matrix transformation for non-invertible and cancelable biometric templates. *Applied Intelligence*, 55(10). [SCIE Indexed, Impact Factor: 3.5] <https://doi.org/10.1007/s10489-025-06534-x>
- **Onkar Singh**, Ajay Jaiswal, Nitin Kumar, and Naveen Kumar. (2024). Random permutation-based linear regression for cancelable biometrics. *Expert Systems*, 42 (2). [SCIE Indexed, Impact Factor: 3.0] <https://doi.org/10.1111/exsy.13652>
- **Onkar Singh**, Ajay Jaiswal, Nitin Kumar, and Naveen Kumar. "A Novel Boolean Approach for Cancelable Biometric Template Generation." *International Journal of Biometrics*. [ESCI Indexed, Impact Factor: 0.7] <https://doi.org/10.1504/IJBM.2025.149667>
- **Onkar Singh**, Ajay Jaiswal, Nitin Kumar, and Naveen Kumar. (2025). Cancelable Biometric Template Generation using Eigenfeature Regularization. *International Research Journal of Multidisciplinary Technovation*, 7(1), Article 100. [SCOPUS Indexed] <https://doi.org/10.54392/irjmt2512>

## CONFERENCES PUBLICATIONS

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- **Onkar Singh**, Ajay Jaiswal, and Naveen Kumar. “Bitwise-XOR for Cancelable Biometric.” In **International Conference on Advanced Informatics for Computing Research**, pp. 359-372. Cham: Springer Nature Switzerland, 2023. [December 16-17, 2023] [Published] [https://doi.org/10.1007/978-3-031-84062-3\\_29](https://doi.org/10.1007/978-3-031-84062-3_29)
- **Onkar Singh**, Ajay Jaiswal, and Naveen Kumar. “A Performance Analysis of Random Permutation and Dimensionality Reduction-based Methods for Multimodal Cancelable Biometric.” In **International Conference on Sustainable Business, Management, Innovation, and Technology 2025**, [February 20-21, 2025] [Accepted for Publication]

## ORIENTATION/REFRESHER PROGRAM/FDP ATTENDED

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- Successfully completed a one-week **Faculty Development Program** on **Digital Image Processing and Analysis** organized by Shaheed Sukhdev College of Business Studies, University of Delhi (PMMMNM<sup>TT</sup>), in April 2022.
- Successfully completed a two-week **Faculty Development Program** on **Research Methodology** organized by Ramanujan College, University of Delhi (PMMMNM<sup>TT</sup>), in December 2020.
- Successfully completed a one-week **Faculty Development Program** on **Introduction to Machine Learning in Research** organized by Ram Lal Anand College, University of Delhi (PMMMNM<sup>TT</sup>), in October 2020.
- Successfully completed a one-week **Faculty Development Program** on **Network Science** organized by the Department of Computer Science, University of Delhi, in December 2018.
- Attended **Orientation Program (OR-80)** conducted by CPDHE (University of Delhi), sponsored by UGC in June 2015
- Attended **Refresher Course in Mathematical Sciences** conducted by CPDHE (University of Delhi), sponsored by UGC in December 2015

## OTHER ACHIEVEMENTS

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- Awarded the “**Best Teacher Award**” for the academic year **2016-17**, an award given by the **Govt. of NCT of Delhi**

## EDUCATIONAL DETAILS

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[2025] ***Ph.D. (Computer Science)***

Department of Computer Science, University of Delhi, Delhi, India

[2009] ***M.Phil. (Computer Science)***

The Global Open University, Nagaland, India

[2007] ***M. Sc Computer Science***

Department of Computer Science, University of Delhi, Delhi, India

[2005] ***B Sc (H) Computer Science***

PGDAV College, University of Delhi, New Delhi, India

## PERSONAL DETAILS

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Father's Name	Late Sabha Chand
Gender	Male
Date of Birth	3 <sup>rd</sup> April 1984
Nationality	Indian
Marital Status	Married

## LANGUAGES

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Hindi and English

## HOBBIES

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Playing various sports, driving, and listening to music.

**Place:** Department of Computer Science, University of Delhi

**Date:** November 2025

**(ONKAR SINGH)**