

# Faculty Profile

## Personal Information

- **Name:** Dr. Shashidhar V
- **Designation:** Assistant Professor
- **Department:** [Computer Science and Engineering]
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## Domain of Expertise

- Data Privacy
- Privacy preserving data mining
- Privacy preserving Publication
- Privacy Preserving Artificial Intelligence

## Research Focus

- **Primary Area:**

Privacy preserving Publication, Privacy Preserving Artificial Intelligence

## Academic Qualifications

- **Ph.D.:** [Computer Science], [VFSTR Deemed to be University], [2022]
- **M.Tech.:** [Computer Science], [Birla Institute of Technology Mesra], [2014]
- **B.Tech :** [Computer Science and Engineering], [SASTRA Deemed to be University], [2007]

## Professional Experience

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Experience			
S.No	Institute/College/Industry	Job Title	Duration (From-To)
1	RVITM	Assistant Professor	Nov 2022 to Present
2	CMR University	Senior Assistant Professor	May 2022 to Oct 2022
3	Presidency University	Assistant Professor	July 2018 to Feb 2022
4	VRSEC	Assistant Professor	July 2016 to June 2018
5	VLITS	HOD & Associate Professor	Jan 2015 to June 2016
6	VLITS	Assistant Professor	July 2014 to Dec 2014
7	SASTRA University	Assistant Professor	July 2009 to April 2012
8	WIPRO Technologies	Project Engineer	June 2007 to June 2009

## Publications & Patents

### Journal Publications

[1] D. Himaja, V. Dondeti, and S. V. Shashidhar, "Cluster based active learning for classification evolving streams," *Evolutionary Intelligence*, Springer, 2024.

[2] S. Virupaksha and V. Dondeti, "Anonymized noise addition in subspaces for privacy preserved data mining in high dimensional continuous data," *Peer-to-Peer Networking and Applications*, vol. 14, pp. 1608–1628, 2021.

[3] S. V. Shashidhar and D. Venkatesulu, "Subspace based noise addition for privacy preserved data mining on high dimensional continuous data," *Ambient Intelligence and Humanized Computing*, Springer, 2020. doi:10.1007/s12652-020-01881-8.

[4] S. V. Shashidhar and D. Venkatesulu, "Subspace-based aggregation for enhancing utility, information measures, and cluster identification in privacy preserved data mining on high dimensional continuous data," *International Journal of Computers and Applications*, 2019. doi:10.1080/1206212X.2019.1686211.

[5] S. V. Shashidhar and D. Venkatesulu, "Anomaly detection for RBAC system in UNIX/LINUX environment with user behavior," *International Journal of Engineering and Technology (UAE)*, vol. 7, no. 4,

2018.

- [6] S. V. Shashidhar and V. Subramaniam, "Customer segmentation of bank based on data mining security value based heuristic approach as a replacement to K-means segmentation," *International Journal of Computer Applications*, Apr. 2011.
- [7] S. V. Shashidhar, N. Pant, N. Nandan B., et al., "Privacy preserving data mining using transformation based noise addition technique," *TIJER*, vol. 10, no. 7, 2023.
- [8] S. G. Saurab, D. Harshitha, and S. V. Shashidhar, "Impact of normal, uniform, and Laplace noise addition techniques on central tendencies of data in privacy-preserving data mining," *TIJER*, vol. 10, no. 7, 2023.
- [9] T. Paras, K. Prashant, P. Priyanka, S. Rupesh, A. Jaseena, and S. V. Shashidhar, "Privacy preservation in data mining using noise addition approach," *IRJMETS*, vol. 3, no. 5, 2021.
- [10] T. Paras, K. Prashant, P. Priyanka, S. Rupesh, A. Jaseena, and S. V. Shashidhar, "Privacy preservation in data mining using anonymization approach," *IRJMETS*, vol. 3, no. 5, 2021.
- [11] S. V. Shashidhar, S. Kulkarni, S. B. Karia, P. Shetty, and S. M. H. Samyak, "A review on privacy preserving data mining techniques and applications," *IJMRT*, vol. 8, no. 6, pp. 1–25, 2024.
- [12] S. V. Shashidhar, S. Kulkarni, S. B. Karia, P. Shetty, and S. M. H. Samyak, "Differential privacy in data anonymization," *IJMRT*, vol. 8, no. 6, pp. 26–40, 2024.
- [13] S. V. Shashidhar, Y. Vignesh, K. Varshitha, C. R. Riddhi Rajesh, and V. Vivek, "Disguise Guard: Anonymizing the data to enhance privacy," *IJMRT*, vol. 8, no. 6, pp. 41–60, 2024.

## Conference Papers

- [1] H. S. Bojnal, D. S. V. K., J. K. Kaarthik, D. Kotian, and S. Virupaksha, "Privacy preservation of cluster integrity on web-scraped hospital data," in *Proc. IEEE International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT)*, Bhilai, India, 2025, pp. 1–8, doi:10.1109/ICAECT63952.2025.10958977.
- [2] S. V. Shashidhar, R. Vikshitha, and U. Raksha, "Information loss characteristics in privacy preservation approach using anonymization approach," in *Proc. IEEE Conference*, RV Institute of Technology and Management (RVITM), Bengaluru, India, Nov. 2023.
- [3] S. Shifali, S. Pratiksha, and S. V. Shashidhar, "Impact of additive noise on information loss characteristics of datasets," in *Proc. IEEE Conference*, RV Institute of Technology and Management (RVITM), Bengaluru, India, Nov. 2023.
- [4] S. Shifali, S. Pratiksha, and S. V. Shashidhar, "Impact of multiplicative noise on information loss characteristics of datasets," in *Proc. IEEE Conference*, RV Institute of Technology and Management (RVITM), Bengaluru, India, Nov. 2023.
- [5] S. V. Shashidhar, K. Varshitha, Y. Vignesh, et al., "A review on privacy preserving data mining techniques and applications," in *Proc. IEEE Conference*, RV Institute of Technology and Management (RVITM), Bengaluru, India, Nov. 2023.

[6] S. V. Shashidhar, N. Pant, N. Nandan B., S. I. Maaz, and S. Luharuka, "Privacy preserving data mining: A survey of recent developments," in *Proc. IEEE International Conference on Advances in Artificial Intelligence and Computing (ICAAIC)*, NSIT, Salem, India, May 4–6, 2023.

[7] S. V. Shashidhar and Brahmarambha, "Data mining in banking," in *Proc. IEEE Conference*, Bengaluru, India, Jul. 2016.

[8] S. V. Shashidhar, G. Sahoo, and V. Anantha Sayanam, "Privacy preservation algorithm in data mining for CRM systems," in *Proc. IEEE Conference*, Chennai, India, 2014.

[9] S. V. Shashidhar and Z. Shaik, "Privacy preserving data mining for heart disease detection," in *Proc. International Conference on Intelligent Applications and Computing (ICIAC)*, GITAM University, India, 2016.

[10] S. V. Shashidhar and G. Divya, "Data privacy in online shopping," in *Computer Communication, Networking and Internet Security*, Springer, pp. 199–208.

## Awards & Recognitions

### Student Supervision

- Ph.D. Candidates: NIL
- M.Tech/M.Sc. Students: 2
- Undergraduate Research Mentees: 10

## Professional Roles

## Teaching

**Core Courses:** Problem Solving using C, Python Programming, Data Structures, IoT, Computer Networks.

## Responsibilities:

CSE Dept TTO

CSE Dept Impartus Coordinator