

FACULTY PROFILE

Name: Vaishali Gupta

Designation: Assistant Professor

E-Mail: vaishalg@srmist.edu.in



Professional Qualification:

- — (Ph.D. In Computer Science)
 - IGNOU - Central University
 - Dec 2020 - Present
- — (Master of Computer Application)
 - Jagan Institute of Management Studies, GGSIPU
 - August 2015 – July 2018
- — (Bachelor of Science (honors) Computer Science)
 - Ram Lal Anand College, University Of Delhi
 - July 2012 - May 2015

Publications (Journals & Conferences):

➤ Conferences:

- Presented one review paper on in 8th International Conference SoCTA 2023 — Dec 2023. Gupta, V., Suresh, P.V. (2024). A Comprehensive Review of Predicting Lifestyle-Based Disease Specifically PCOS Among Women Using Data Mining and Machine Learning Approaches. In: Kumar, R., Verma, A.K., Verma, O.P., Wadehra, T. (eds) Soft Computing: Theories and Applications. SoCTA 2023. Lecture Notes in Networks and Systems, vol 971. Springer, Singapore. https://doi.org/10.1007/978-981-97-2089-7_37
- Presented two papers in International conference I3CEET 2024 — Sep 2024
 - V. Gupta, K. P. Jayant, M. Aeri, T. K. Sharma and N. Varshney, "Enhancing Pulmonary Effusion Diagnosis using Automated Feature Extraction Algorithms," *2024 International Conference on Communication, Computing and Energy Efficient Technologies (I3CEET)*, Gautam Buddha Nagar, India, 2024, pp. 725-730, doi: 10.1109/I3CEET61722.2024.10993963.
 - V. Gupta, B. K. Saraswat, V. Sharma, S. Garg and K. Yadav, "Exploring the Potential of AI/ML Algorithms for Automated Diagnosis in Smart Healthcare," *2024 International Conference on Communication, Computing and Energy Efficient Technologies (I3CEET)*,

Gautam Buddha Nagar, India, 2024, pp. 660-664, doi:
10.1109/I3CEET61722.2024.10994162.

- Presented one Conference paper named “Exploring the potential of Machine Learning Models for Early Diabetes Prediction” in ICRAIQ2IT-2026. [publication in the Scopus-indexed conference proceedings to be published by CRC Press, Taylor & Francis Group, UK in Aug 2026].

➤ **Patents:**

- V. Gupta(2024), **Indian Patent Published: Impact of AI Model in E-Commerce Companies for Personalized Recommendation**, Application No. **202411051038**, Filed: **03 July 2024**, Published: **12 July 2024**.

Awards and Achievements

- ☑ UGC NET June 2024 Qualified (In Computer Science, Roll No: 2001011727)
- ☑ Best Teacher Award 2025 presented by SRM Institute of Science and Technology-Delhi/NCR Campus on 13th September 2025.

Workshops/Seminars/FDPs

| Sno. | Title | Type | Year | Start Date | End Date |
|------|---|-----------------|-----------|-------------|------------|
| 1 | IOT AND WEARABLE DEVICES FOR SMART CITY INFRASTRUCTURE | 6 Days FDP | 2022-2023 | 20/06/2022 | 26/06/2022 |
| 2 | Digital Tools for Teaching and Learning | 5 days FDP | 2022-2023 | 25/07/2022 | 29/07/2022 |
| 3 | Designing and Modelling of IoT, AI & ML Systems | 5 days Workshop | 2022-2023 | 01/08/2022 | 05/08/2022 |
| 4 | Certificates for Adobe - AICTE Digital Creativity Skills Workshop for Faculty Development | 1 Day workshop | 2023 | 31/03/2023 | 31/03/2023 |
| 5 | Developing Healthy Work Culture | 5 Days FDP | 2023 | 13/03/2023 | 17/03/2023 |
| 6 | National Level One Week FDP on “CLOUD INFRASTRUCTURE (AWS) | 1 week FDP | 2023 | 21/08/2023 | 25/08/2023 |
| 7 | MANAGING YOUR EGO AND EMOTIONS AT WORKPLACE , | 5 Days FDP | 2023 | 11/09/2023 | 15/09/2023 |
| 8 | Inculcating Universal Human Values in Technical Education | 3Days FDP | 2025 | 10/03/2025 | 12/03/2025 |
| 9 | Mastering Cloud Computing Essentials with AWS | 1 week FDP | 2025 | 03//03/2025 | 07/03/2025 |
| 10. | AI for Managers by EICTA Consortium in association with the Ministry of Electronics and Information Technology | 12 Days FDP | 2026 | 16/02/2026 | 28/02/2026 |
| 11. | Data Science (ML & AI) by EICTA Consortium in association with the Ministry of Electronics and Information Technology | 12 Days FDP | 2026 | 23/02/2026 | 08/03/2026 |

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| 12. | Cyber Security using AI by EICTA Consortium in association with the Ministry of Electronics and Information Technology | 12 Days FDP | 2026 | 23/03/2026 | 03/04/2026 |
| 13 | Agentic AI, Cyber Security and Quantum Computing”, In collaboration of Edunet and IBM SkillsBuilt, | 1 Week Workshop | 2026 | 24/04/2026 | 30/04/2026 |
| 14 | Universal Human Values , UHV-II organized by All India Council for Technical Education (AICTE) | 5 days FDP | 2026 | 05/05/2026 | 09/05/2026 |

Work Experience:

- ☐ SRM University
 - o Years: 4 Years and 3 Months
 - o Designation: Assistant Professor
 - o Department: MCA

- ☐ SAMARTH eGov Suite(IIC-Institute of Informatics & Communication (University of Delhi South Campus)
 - o Years: 1 Years and 7 Months
 - o Designation: Rollout Manager
 - o Department: IIC-Institute of Informatics & Communication

Professional Memberships:

- ☐ IAENG (International Association of Engineers) Membership - 25th Feb 2026