

Curriculum Vitae

Dr. SURYABHAN PRATAP SINGH (Assistant Professor)

Department of Information Technology, Institute of Engineering and Technology,

Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, 273009, U.P.

Mail: spsuryabhan@gmail.com; Mobile: 9457670737

Google Scholar Link: <https://scholar.google.com/citations?hl=en&user=qolxH3kAAAAJ>

ResearchGate Link: <https://www.researchgate.net/profile/Suryabhan-Singh-4>

Scopus Id: 57221951471

Orcid Id: 0000-0002-4845-6344

Educational Qualifications

| Examination | Name of the Board/University | Div. /Rank | Year of Passing | Subjects/Thesis Title |
|-------------|--|-----------------|-----------------|--|
| Ph. D. | Madan Mohan Malaviya University of Technology, Gorakhpur | NA | 2021 | Designing Efficient Classification Algorithm for Unstructured Audio and Video Data |
| M. Tech | National Institute of Technology, Durgapur | 1 st | 2015 | Computer Science and Engineering |
| B. Tech | Gautam Buddh Technical University, Lucknow | 1 st | 2012 | Computer Science and Engineering |
| AISSCE | CBSE | 1 st | 2007 | Physics, Chemistry, Mathematics, English, Hindi |
| AISSE | CBSE | 1 st | 2005 | Mathematics, Science, Hindi, English, S. Science |

Experience

12-years of experience (out of which 3-years are for teaching experience, 4-years teaching cum research experience, and 5-years industry experience).

Area of Interest

1. Artificial Intelligence
2. Classification of Unstructured Data
3. Machine Learning

Research Contributions

1. Patents: **11** (01-International & 10-National)
2. Copyrights: **02**
3. Referred Journals: **10** (05-SCI, 01-ESI, 04-others)
4. International Conferences: **07**
5. Book Chapters/Books Edited: **16**

Citations

| | All | Since 2020 |
|-----------|-----|------------|
| Citations | 125 | 109 |
| h-index | 7 | 7 |
| i10-index | 7 | 7 |

Five Best Research Publication in Journals

1. **Suryabhan Pratap Singh**, and Umesh Chandra Jaiswal "Audio classification using Grasshopper-Ride Optimization algorithm-based Support vector machine." IET Circuits, Devices & Systems, 15(5) (2021): 434-447. DOI: <https://doi.org/10.1049/cds2.12039>.
2. **Suryabhan Pratap Singh** "Comparison of Deep Learning Network for Breast Tumor Segmentation from X-Ray." Cybernetics and Systems (2022): 1-15. DOI: <https://doi.org/10.1080/01969722.2022.2150810>.
3. **Suryabhan Pratap Singh**, and Umesh Chandra Jaiswal "Classification of audio signals using SVM- WOA in Hadoop map-reduce framework". SN Applied Sciences, 2(12), (2020): 1-22. DOI: <https://doi.org/10.1007/s42452-020-03870-0>.
4. **Suryabhan Pratap Singh**, and Jaiswal, Umesh Chandra "Machine Learning for Big Data: A New Perspective." International Journal of Applied Engineering Research 13(5) (2018): 2753-2762.
5. B. Mathan Kumar, S. Bharati Ainapure, **Suryabhan Pratap Singh**, "Feature Extraction Based Deep Indexing by Deep Fuzzy Clustering for Image Retrieval Using Jaro Winkler Distance" The Computer Journal (2022): 1-17. DOI: <https://doi.org/10.1093/comjnl/bxac070>.

Honors and Awards

1. Awarded for **Outstanding Contribution in Research and Teaching in The Field of Higher Education** on 5-Sep-2022, at Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, 273009, U.P.
2. **UGC-NET** Qualified. / (NET-JUNE 2015).
3. **GATE-2014** Qualified.
4. **GATE-2013** Qualified.
5. **GATE-2011** Qualified.

Professional Involvement

1. Reviewer of SN Computer Science International peer reviewed Journal.
2. Reviewer of IET Circuits, Devices and Systems International peer reviewed Journal.
3. Reviewer of Asian Journal of Advances in Research International peer reviewed Journal.
4. Member, Review Committee, International Conference on Computational Performance Evaluation (ComPE-2020) organized at North-Eastern Hill University (NEHU) during 2nd-4th July 2020.

Administrative Responsibility

1. Developed *Data Science Lab, Artificial Intelligence and Machine Learning Lab, Cloud Computing Lab, and Cyber Security Lab* in the IET, DDUGU.
2. Member, Department Quality Assurance Cell (DQAC) D. D. U. Gorakhpur University, Gorakhpur.
3. Member, Intellectual Property Rights (IPR) Cell D. D. U. Gorakhpur University, Gorakhpur.
4. Member cum Secretary, University ITC (Information Technology & Communication) Cell D. D. U. Gorakhpur University, Gorakhpur.
5. Convenor Online Cell D. D. U. Gorakhpur University, Gorakhpur.
6. Coordinator, Department of IT, Institute of Engineering and Technology, D. D. U. Gorakhpur University, Gorakhpur.
7. Biometric Coordinator, Institute of Engineering and Technology, D. D. U. Gorakhpur University, Gorakhpur.
8. Nodal Officer Social Media, Institute of Engineering and Technology, D. D. U. Gorakhpur University, Gorakhpur.
9. Member, Board of Studies, IT department, IET, D. D. U. Gorakhpur University, Gorakhpur (2022 to till date).
10. Member, Board of Studies, CSE department, IET, D. D. U. Gorakhpur University, Gorakhpur (2022 to till date).
11. Member, Board of Studies, MBA department, D. D. U. Gorakhpur University, Gorakhpur (2022 to 2023).
12. Member, Board of Faculty, Faculty of Engineering and Technology, D. D. U. Gorakhpur University, Gorakhpur (2024 to till date).

Dr. SURYABHAN PRATAP SINGH