Name	Reya Sharma
Years of Experience	Teaching: Research: 5
Email Id	reyasharma@bvrithyderabad.edu.in
Areas of Specialization	Deep Learning, Machine Learning

Educational Qualifications

Doctoral Degree	Ph.D.	Awarded in August 2022
PG Degree	M.Tech.(CSE)	2015-2017
UG Degree	B.E(CSE)	2010-2014

Papers Published

International Journal Publications

Reya Sharma, and Baijnath Kaushik. "Offline recognition of handwritten Indic scripts: A state-of-the-art survey and future perspectives." Computer Science Review, 38 (2020): 100302. [**SCI, Impact Factor- 8.757**]

Reya Sharma, Kaushik, B., Gondhi N,K., Tahir, M., & Khalid, M. Quantum Particle Swarm Optimization Based Convolutional Neural Network for Handwritten Script Recognition. *CMC-Computers, Materials & Continua*, (2022). [**SCI Indexed, IF: 3.860**]

Reya Sharma, and Baijnath Kaushik. Handwritten Indic scripts recognition using neuro-evolutionary adaptive PSO based convolutional neural networks. *Sadhana*, (2022). [**SCIE Indexed, IF: 1.214**]

B.Kaushik, Reya Sharma, K.S. Dhama, Akshma Chadha, Surbhi Sharma. Performance Evaluation of Learning Models for Intrusion Detection System using Feature Selection. Journal of Computer Virology and Hacking Techniques, (2022). **[ESCI]**

Reya Sharma, Baijnath Kaushik, and Naveen Kumar Gondhi. "Devanagari and Gurmukhi Script Recognition in the Context of Machine Learning Classifiers." Journal of Artificial Intelligence, 11 (2), 65-70 (2018). [**Scopus**]

Reya Sharma, Kaushik, Baijnath and Naveen Kumar Gondhi "Handwritten north Indian script recognition using machine learning: a survey". International Journal of Advanced Intelligence Paradigms, 2019. [**Scopus**]

Publications:

International Level:
- No. of International conferences   : 4
- No. of International Journal   : 6

National Level:
- No. of National conferences   : **0**

FDP's Attended / Conducted

- FDP on Deep Learning and Machine Learning Applications using Python, 6-10th January 2020, organized by EICT, IIT Roorkee and School of CSE, Shri Mata Vaishno Devi University.
- FDP on Internet of Things with Cloud Applications, 4-8th February, 2019, organized by EICT-IIT Roorkee and School of CSE, Shri Mata Vaishno Devi University.
- FDP on Applications of Soft Computing & Machine Learning, 3-7th April, 2018, organized by School of CSE, SMVDU.
- FDP on Artificial Intelligence & Machine Learning, 17-21st December, 2018, organized by EICT-IIT Roorkee and School of CSE, Shri Mata Vaishno Devi University.
- FDP on data Analytics with Python, 4-8th September, 2018, organized by EICT-IIT Roorkee and School of CSE, SMVDU.
- FDP on Computational Intelligence Systems and Security (CISS 2020), 20-24th July, 2020, SMVDU.

Workshops:

- Workshop on Fundamentals of Deep Learning for Computer Vision, 19-20th October, 2019, Model Institute of Engineering and Technology in collaboration with NVIDIA Deep Learning Institute.
- Nvidia Training on Artificial Intelligence/ Deep Learning, 25-26th July, 2019, Shri Mata Vaishno Devi University.
- Workshop on Ethical Hacking and Cyber Security, 25-26th September, 2019, School of CSE, SMVDU.

Any Other Achievements

- Qualified GATE (2015)
- Received Best Presentation Award in SCI-2020 International Conference organized by Vasavi College of Engineering, Hyderabad, India.

Certifications:

- NPTEL Elite Certification in Data Base Management System.
- Certification in Microsoft C# .NET Fundamentals.