

Dr. OSHEEN SHARMA
Assistant Professor
Department of Computer Science and Applications
GGDSD COLLEGE Chandigarh
India -160030
osheen.sharma@ggdsd.ac.in
osheensharma12@gmail.com
DOB: 24th December 1990



Educational Qualifications

Ph.D. in Computer Applications

CURIN, Chitkara University, Punjab, India (2024) PhD Thesis: Rumor *Detection Model for Twitter Posts*, Ph.D. Supervisors: Dr Sachin Ahuja, Executive Director, University Institute of Engineering, Chandigarh University and Dr Monika Sethi, Associate Professor, Department of Computer Science & Engineering, Chitkara University.

Masters of Computer Applications – GJIMT, Panjab Technical University Chandigarh, India (2011-2014)

Bachelor of Computer Applications – GGDSD College, Sector 32, Chandigarh, India (2008-2011)

Teaching/Research Experience

- 28 August 2020- till date
Assistant Professor (Ad-hoc) in Department of Computer Science and Applications, GGDSD College, Chandigarh
Teaching computer science subjects to Under-graduate and Post-graduate level.
- 29 July 2015- 30 April 2020
Assistant Professor (Guest) in Post Graduate Department of Information Technology, GGDSD College, Chandigarh
Taught subjects related to computer science including fundamentals and programming languages such as C, C++, Java, Web Programming and Networking, etc. to multidisciplinary classes at Undergraduate level and Postgraduate level. Courses taught includes PGDCA, BCA, BSc (IT), BSc (CSc), BA(IT), BVOC

Areas of Interest

- Deep Learning and Machine Learning

Publications (Journal/Book Chapters)

Journal Publications:

Sharma, O., Sethi, M., & Ahuja, S. (2024). Emotion Infused Rumour Detection model using LSTM. *International Journal of Computing and Digital Systems*, 16(1), 1175-1190.

Sharma, O., & Ahuja, S. (2021). Feature Extraction in Rumour Detection Model: Classification & Significance. *Design Engineering*, 12252-12268.

Sharma, O and Shruti (2018). Finding an Efficient Network Medium- Wi-Fi or Li-Fi. *International Journal of Computer Sciences and Engineering (IJCSE)*, 6(5), 469-472.

Sharma, O and Shruti (2018). Light Fidelity: A Way of Data Transmission. *International Journal of Advanced Research in Computer Science* 9 (2).

Book Chapters:

Sharma, O. and Shruti, "Introduction to cloud computing and fog computing & their comparative analysis", in book Principles & Fundamentals of Management & Information Technology, National Press Associates, New Delhi, September 2022.

Book Published:

Published book titled "Computer Hardware and Practical on Networking", Mohindra Publishing House, ISBN - 978-81-970010-4-8, September 2024.

Seminars/ Conferences/Symposiums (Paper Presented)

- Presented paper "Propagating Information on X and its detection using LSTM." In 4th International Conference on Computational Intelligence in Machine Learning (ICCIML-24), Springer held on 6th and 7th December 2024.
- Presented paper "Rumour Propagation and Need for Rumour Detection." In IFERP Explore: Proceedings of the International Conference on Recent Challenges in Engineering and Technology (ICRCET-24) held on 23rd and 24th April 2024.
- Presented paper on 'Novel Framework for Rumour Detection Using Emotionally Infused LSTM' In The Electrochemical Society ECS Transactions, 107(1), 5271. Chitkara University Doctoral Consortium (CUDC-2021) held on 12th and 13th November 2021.
- Presented paper on "Demystifying automatic rumour detection in social networks: A review." In IOP Conference Series: Materials Science and Engineering (Vol. 1022, No. 1, p. 012060). IOP Publishing held on 24th October 2020.
- Presented paper on "Finding an Efficient Computing Model: A Comparative Analysis of Cloud and Fog Computing" in ICSSR sponsored National Seminar on 'Recent Trends in Information Technology' on 25.03.22 conducted by the PG Dept. of IT of the GGSDS College.

Refresher Courses/Workshops/ Training Programmes

- Participated in one day workshop on "Navigating a Career in Computer Graphics and Vision: Skill, Innovative Techniques and Role of AI" held on 13th November, 2024.
- Attended online course on "AI/ML for Geodata Analysis" organised by Indian Space Research Organisation (ISRO), Govt of India from 19th August 2024 to 23rd August 2024.
- Attended workshop on "Introduction to Power BI" organised by Readers Club, GGSDS College in August 2024.
- Attended one day certificate course on "IP Awareness/Training Program" organised by Intellectual Property office, India under National Intellectual Property Awareness Mission (NIPAM), India on 26th April 2024.
- Attended Faculty Development Program Conducted by Department of Electronics and Communication Engineering, CVR College of Engineering, Ibrahimpatnam, R.R.Dist, Telangana State on "Recent Advancements in Deep Learning for Computer Vision Applications" from 1st April to 12th April 2024.
- Attended one day national workshop on "Natural Language Processing" conducted on 27th March 2024 organised by

Department of computer Science and Applications (DCSA), Panjab University, Chandigarh, India

- Attended NEP2020 Orientation & Sensitization Program from 16th January to 26th January 2024 under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grant Commission (UGC) organized by UGC- Malaviya Mission Teacher Training Centre (MMTTC), Panjab University, Chandigarh.
- Short term course on "Artificial Intelligence, Machine Learning and Deep Learning" from 29th May 2023 to 2nd June 2023 organized by CCE NIT Warangal.
- Participated in IP Awareness/training program under NIPAM (National Intellectual Property Awareness Mission) on 26 April, 2023.
- Completed two-day symposium on "Design of Thesis/Research report in MS word" on 6-7 Feb, 2023 organized by Chitkara University, Rajpura, Punjab.
- Completed certification on IBM Predictive Analytics using IBM SPSS Modeler - Advanced Course, IBM, December 2022.
- Participated in National Intellectual Property Awareness Mission (NIPAM) conducted by Government of India in association with Intellectual Property Office to create awareness on Intellectual Property Rights (IPR) on 26th April, 2022
- Attended 5-day Online short-term course conducted by Department of CSE, NIT Warangal from 28th March to 1st April, 2022.
- Completed certification on Advanced Digital Marketing Course, Digital Scholar, March 2022.
- Participated in One day international Workshop on "Research log and Research Proposal " jointly organised by the Internal Quality Assurance Cell (IQAC), North Eastern Hill University (NEHU), Shillong, Meghalaya, India and the Indian Society for Training and Development (ISTD) , Shillong Chapter, Meghalaya, India in collaboration with the department of philosophy and IQAC , Moran College, Moranhat, Charaideo Dist. Assam, India and the department of philosophy, Sri Venkateshwar University (SVU), Tirupati, Andhra Pradesh , India on 3rd March ,2022.
- Participated in One day international Workshop on "Understanding a Research Project" jointly organised by the Internal Quality Assurance Cell (IQAC), North Eastern Hill University (NEHU), Shillong, Meghalaya, India and the Indian Society for Training and Development (ISTD) , Shillong Chapter, Meghalaya, India in collaboration with the department of philosophy and IQAC , Moran College, Moranhat, Charaideo Dist. Assam, India and the department of philosophy, Sri Venkateshwar University (SVU), Tirupati, Andhra Pradesh , India on 2nd March ,2022
- Attended 1-day national seminar on “Recent Advances in Physics” organized under the aegis of DBT Star College Scheme, organized by BOSONS-The Physics Club, GGSDS College, on 11th September, 2021.
- Participated in two-days online National Lecture Series on “Gamification, Machine Learning and IOT & Security” on 25th & 26th May,2020.
- Completed a 7-days E-learning workshop on “Research in the time of a pandemic” conducted by Department of English and

Cultural Studies, Panjab University from 21st April to 27th April, 2020.

- Gained Gold Level certificate of Python in one week Code-e-Python workshop organised by IEEE CIET Student Branch in collaboration with CURIN, Chitkara University from 16th April to 23rd April, 2020.
- Participated in one day workshop on “Book & article publishing and springerlink platform demonstration conducted by GNDU, Amritsar on 22nd April, 2020.
- Online 7-day workshop on “Online workshop on Research Methodology Concepts” from 8th April to 14th April, 2020.
- Attended one week Faculty Skill Development Programme on “Biological Data Analysis & Data Science” organised by Bioinformatics & Biochemistry, GGSDS College under RUSA, U.T. Administration, Chandigarh from 27th February to 4th March, 2020.
- Attended 1-day workshop on AI/ML at Sebiz Infotech Pvt. Ltd. on 23rd February, 2019.

Invited Talks

Invited as Resource Person to deliver lectures in Capacity building workshop for 88 Computer Faculty working with various educational institutions under Punjab ICT Education Society (PICTES) on 3th and 4th July, 2019 at RICM, Chandigarh.

Administrative Experience

- Member of CiBiod team, GGSDS College.
- Worked on NAAC criteria 1.

Dr. OSHEEN SHARMA