Ojasvi Anand
Assistant Professor
PG Department of Computer Science and Applications
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DOB: 7th August 1999

Educational Qualifications	**Joint Certification in Artificial Intelligence and Machine Learning** IIT Ropar and NIELIT, India. **M.Sc. Information Technology** Panjab University Chandigarh, India **PGD Statistics** Panjab University Chandigarh, India **Bachelor of Science (with CSA)** Panjab University Chandigarh, India
Teaching/Research Experience	• 25 July 2023- till date **Assistant Professor** PG Department of Computer Science & Applications **GGDSD College, Chandigarh** Subjects taught to UG & PG Classes: Software Design Implementation and Analysis, Linux, VM Ware, C++, DBMS, Web Development, E-Commerce • 18 January 2023- May 2023 **Assistant Professor** Department of Computer Science and Applications **MCM DAV College for Women, Chandigarh** Subjects taught to UG & PG Classes: Computer Networks, Java, Linux, Web Development
Areas of Interest	• Natural Language Processing and Text Processing using AI & ML. • Intellectual Property Rights (Patent Searching and Prior Art) • Software Design and Analysis.
Technical Certifications	• Google Skill Badges (Generative AI, LLMs, Responsible AI) • CISCO PCAP (Python Certified Associate Programmer) • NVIDIA Developer Program
Patent	• Design Patent of Artificial Intelligence based Image - Guided Radiation Therapy Device published in The Patent Office Journal No. 18/2024 Dated 03/05/2024, Govt of India.
Seminars/ Conferences/Symposiums (Paper Presented)	• Co-Authored and Presented research paper "Leveraging CLIP and Zero-Shot Learning for Plant Leaf Disease Detection" in International Conference on Computing Advances in AI and Machine Learning '24, Panjab University Chandigarh • Presented a poster on Palm Vein Technology in Chandigarh Annual Science Congress (CHASCON – 2019) organized by Panjab University, Chandigarh.
Refresher Courses/Workshops/ Training Programmes	• Three Days Training Programme on 'Microsoft Learn for Educators AI' organized by EDIC Department NITTER, Chandigarh from 18- 20 December, 2024 • Workshop on Patent Search, Filing and Enforcement jointly

organized by DST – Centre for Policy Research, PU-CHD and World Intellectual Property Organization (WIPO), Geneva on November 13, 2024.

- FDP on Data Science Unleashed: Ignite your Analytical Skills (in collaboration with IBM) from May 27-31, 2024.
- Workshop on Transforming Tomorrow: AI for Sustainable Agriculture, Health and Ecosystem Resilience organized by PI-RAHI under the Office of Principal Scientific Advisor to Govt of India on June 13-14, 2024.
- Training Workshop on Patent Search and Patent Mining organized by DST-CPR and PU-CHD on March 12, 2024.
- RUSA Sponsored One Day National Workshop on NLP organized by DCSA, PU-CHD on March 27, 2024
- NEP Orientation & Sensitization Programme from February 1 – 14, 2024 organized by UGC – Malaviya Mission Teacher Training Centre, Panjab University, Chandigarh.
- RUSA Sponsored Skill Enhancement Course on Data Analytics using Machine Learning from October 31- November 10, 2023 organized by DCSA, PU-CHD
- RUSA Sponsored Skill Enhancement Course on AI and ML from August 24 – September 4, 2023 organized by DCSA, PU-CHD.
- RUSA Sponsored 15-hours Skill Enhancement Course on Programming in Python from April 24 – 30, 2023 organized by DCSA, PU-CHD.

Projects	- Opinion Mining and Sentiment Analysis using Twitter API and ML Techniques under the supervision of Ms. Anita Budhiraja (Scientist D-Joint Director) and Dr. Sarwan Singh (Scientist D-Joint Director), NIELIT, Chandigarh. - India's Health and Medical Insurance Market – Growth, Trends, COVID-19 Impact and Future Perspectives using Correlation and Regression Analysis under the Supervision of Dr. Ranjit Singh (Principal Scientist, PAU Ludhiana) and Dr. Richa Sharma (Assistant Professor, Department of Statistics, PU-CHD)
Administrative Experience	Member of Institutional Innovation Council, IIC in MCM DAV College, Chandigarh.
Other Experience	- Software Engineer, Enthuworks Technologies Pvt. Ltd. (Jan 2022- Jan 2023) Major projects undertaken: - Re-Coded a Resume Parsing tool from Java to Python - Product trend analysis and Sales Prediction on Amazon using GCP on the basis of two-year sales of companies like Philips, Godrej, Samsung Elec etc. - Voice to Text analysis on Agent Calls and predicting Sales sentiment (Multi-lingual Data)
Membership of Computer Science Associations	Member of Association of Women in Computing.

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