

CURRICULUM VITAE



Dr. Ram Pratap

Designation: Associate Professor

Department: Information Technology

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ACADEMIC/INDUSTRIAL EXPERIENCE: - 22 Years

QUALIFICATION: - Ph.D. (Computer Science & Engineering)

AREA OF INTEREST: - Cloud Computing, Green Computing, Machine Learning

RESEARCH PUBLICATION: -

PATENT FILED:

Published patent on “A Web Application Framework for NGO” in year 2022.

**PUBLICATION IN JOURNAL
(INTERNATIONAL)**

- Published a paper titled “VM Allocation Policy in Cloud Computing Environment using CloudSim” in International Journal of Electrical and Computer Engineering (IJECE), Vol. 8, No. 1, pp. 344~354, DOI: 10.11591/ijece.v8i1, ISSN: 2088-8708, February 2018.
- Published a paper titled “Ai-Driven Personalized Learning Systems: Enhancing Educational Effectiveness in Educational Administration: Theory and Practice 2024, 30(5), 11514-11524 ISSN:2148-2403. (Scopus Indexed)

(NATIONAL)

- Published a paper titled “Modeling for Fault Tolerance in Cloud Computing Environment” in Journal of Computer Sciences and Applications, Vol. 4, No.1, pp. 9-13, <http://pubs.sciepub.com/jcsa/4/1/2>, 2016.
- Published a paper titled “Fault Tolerance Policy in Cloud Computing based on Ant Colony Optimization” in Journal of Computer Engineering & Information Technology, Vol. 5, Issue 4, DOI: 10.4172/2324-9307.1000160, 2016.

- Published a paper titled “Object Orientation Validation of ATM Using FSM” in Journal of Computations & Modelling, vol.6, no.1, 2016, 151-168 ISSN: 1792-7625 (print), 1792-8850 (online) Science press Ltd, 2016.
- Published a paper titled “Web3.0 Crowdfunding Dapp” in International Research Journal of Modernization in Engineering Technology and Science, Volume:06/Issue:05/May-2024 e-ISSN: 2582-5208

FDP / FTP / CONFERENCES ATTENDED: -

PAPER PRESENTED / PUBLICATION IN CONFERENCE PROCEEDINGS (INTERNATIONAL)

- Presented a paper titled “Modeling for VM allocation using Particle Swarm Optimization” in 3rd International Conference on Computers and Management (ICCM), Apex Institute of Engineering and Technology, RIICO Institutional Area, Jaipur, Rajasthan, India, Dec 28-29, 2017 and published in International Journal of Advanced Studies in Computer Science and Engineering, IJASCSE, VOLUME 7, ISSUE 1, 2018.
- Presented a paper titled “Comparative Study of Task Scheduling Algorithms through CloudSim” in 7th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO) (Trends and Future Directions), AIIT, Amity University, Uttar Pradesh, Noida, India DOI: 10.1109/ICRITO.2018.8748514, August 29-31, 2018.
- Presented a paper titled “A Survey Paper on Fault Tolerance in Cloud Computing Environment” in International Conference on Computing for Sustainable Innovation Shaping Tomorrow’s World (CSISTW-2024)”, organized by Department of Computer Science & Engineering, B.N. College of Engineering & Technology, Lucknow and published in International Journal of Innovative Research in Computer Science & Technology (IJIRCST), ISSN: 2347-5552, Volume-12, Special Issue-1, March-2024.
<https://doi.org/10.55524/CSISTW.2024.12.1.6>
- Presented a paper titled “A Hybrid Approach Using Deep Reinforcement Learning and Particle Swarm Optimization for Cloud Task Scheduling” in International Conference on Advances in Science, Engineering, and Technology (ICASET-2024) in Integral University, Lucknow and was organized on 30-31 July 2024 and published in springer book series “Advances in Science, Engineering and Technology” eBook ISBN: 9781003641544 by CRC Press on 23rd May 2025.
- Presented a paper “Crop Connect: Connecting Framers to Marketplaces” [Paper-ID: ICETIT_112509] in the International Conference/Webinar on Emerging Trends in Information Technology (ICETIT-25) organized by AIIT, Amity University Uttar Pradesh, Lucknow in collaboration with Amity Innovation Club on 11 March 2025.

FDP

- Attended 06 days ATAL FDP on Cognitive Science and Artificial Intelligence: Bridging Human Intelligence with Machine Learning organized by Department of Information Technology, BBDNIIT in offline mode from 15th Dec 2025 to 20th Dec 2025.

- Attended 06 days ATAL FDP on Exploring the Foundations and Applications of Quantum Computing: Bridging Theory and Practice organized by Jain Deemed to be University School of Computer Applications and IT online from **8th Sept 2025 to 13th Sept 2025**.
- Attended 05 days FDP on Outcome based Curriculum Design organized by Curriculum Development Centre Department NITTTR, Chandigarh online from **10th Feb 2025 to 24th Feb 2025**.
- Attended 05 days FDP on Tools for Research in Cloud, Fog and Edge Computing organized by Computer Science & Engineering Department NITTTR, Chandigarh online from **21st Oct 2024 to 25th Oct 2024**.
- Attended 05 days FDP on Deep Learning for Engineering Applications organized by Computer Science & Engineering Department NITTTR, Chandigarh online from **02nd Sept 2024 to 06th Sept 2024**.
- Attended 05 days FDP on AI/ML and Data Science for Industry 4.0 (Basic Level) organized by Computer Science & Engineering Department NITTTR, Chandigarh online from **21st Aug 2023 to 25th Aug 2023**.
- Attended 05 days FDP on Data Science using R organized by Computer Science & Engineering Department NITTTR, Chandigarh online from **17th July 2023 to 21st July 2023**.
- Attended 05 days FDP on Open-Source Tools for Research organized by Computer Science & Engineering Department NITTTR, Chandigarh online from **15th MAY 2023 to 19th MAY 2023**.
- Attended 05 days FDP on Cyber Crime and Forensic Tools organized by Computer Science & Engineering Department NITTTR, Chandigarh online from **8th MAY 2023 to 12th MAY 2023**.
- Attended 05 days FDP on Developing Academic and Administrative Leadership organized by Curriculum Development Centre Department NITTTR, Chandigarh online from **12th Dec 2022 to 16th Dec 2022**.
- Attended 05 days FDP on Data Science using Python organized by Computer Science & Engineering Department NITTTR, Chandigarh online from **10th Oct 2022 to 14th Oct 2022**.
- Attended 05 days FDP on Machine Learning and Predictive Analysis using Python organized by Computer Science & Engineering Department NITTTR, Chandigarh online from **11th July 2022 to 15th July 2022**.
- Attended 06 days FDP on “Biomedical Signal and Image Processing “Organized by Electronics and Communication Engineering Department NITTTR Chandigarh from **20/06/2022 to 24/06/2022**.
- Attended 05 days FDP on NEP 2020 Implementation in Higher Education Institutes organized by Curriculum Development Centre Department NITTTR, Chandigarh online from **9th May 2022 to 13th May 2022**.
- Attended 05 days FDP on Artificial Intelligence organized by AICTE Training & Learning Academy (ATAL) online from Central University of Kerala from **21st Feb 2022 to 25th Feb 2022**.
- Attended 05 days FDP on "Computational Intelligence: COIN-2022" organized by Department of Computer Science & Engineering, Babu Banarasi Das Northern India Institute of Technology online from **16th Feb 2022 to 20th Feb 2022**.
- Attended 06 days FDP on Next Generation Artificial Intelligence Techniques & Applications organized by the Artificial Intelligence Research Centre, Department of

Computer Science & Engineering, BBD University in association with Soft Computing Research Society, New Delhi, India from **February 08, 2022-February 13, 2022.**

- Attended 07 days FDP on Data Analysis Using Advanced Excel organized by E & ICT Academy online from IIT, Kanpur from **1st Feb 2022 to 7th Feb, 2022.**
- Attended 05 days FDP on Data Science organized by AICTE Training & Learning Academy (ATAL) online from IIIT, Una from **27th Dec 2021 to 31st Dec, 2021.**
- Attended 05 days FDP on Data Science organized by AICTE Training & Learning Academy (ATAL) online from IIIT, Pune from **20th Dec 2021 to 24th Dec, 2021.**
- Attended 05 days FDP on Artificial Intelligence and Machine Learning Techniques organized by Babu Banarasi das Engineering College, Lucknow in association with Tevatron Technologies Pvt Ltd & Hexnbit Edtech. Pvt. Ltd. from **4th October 2021 to 8th October, 2021.**
- Attended 10 days FDP on Data Science organized by E & ICT Academy online from IIT, Kanpur from **5th July 2021 to 16th July, 2021.**
- Attended 06 days FDP on Cloud Computing organized by E & ICT Academy online from IIT, Kanpur from **7th June 2021 to 12th June, 2021.**
- Attended 05 days FDP on Emerging Areas and Technologies in Academics and Research in Current Scenario organized by Department of Computer Science and Engineering remotely at Shri Ram Swaroop Memorial University, Bara Banki from **27th July, 2020 to 31st July, 2020.**
- Attended 05 days FDP on Python Programming, organized by Spoken Tutorial Project, IIT Bombay from **01st May, 2020 to 05th May, 2020** remotely at Amity Institute of Information Technology, Amity University, Lucknow Campus.
- Attended 10 days workshop on Values, Relationship and Ethical Human Conduct- for a Happy and Harmonious Society Ethics (UHV3) organized by TEQIP-III and conducted by Value Education Cell, AKTU Lucknow at IIT Kanpur from **20th to 29th December, 2019.**
- Attended 08 days workshop on ‘Universal Human Values and Professional Ethics’ organized by TEQIP-III and conducted by Value Education Cell, AKTU Lucknow at BBDEC, and Lucknow from **12th June -19th June, 2019.**
- Attended 08 days workshop on ‘Universal Human Values and Professional Ethics’ organized by TEQIP-III and conducted by Value Education Cell, AKTU Lucknow at Institute of Engineering and Technology, Lucknow from **13th July-20th July, 2018.**
- Participated in a short-term program on “Mobile computing” in computer science department at NITTTR, Chandigarh from **03rd May, 2010 to 07th May, 2010.**

ACHIEVEMENTS:

- Reviewer for the 12th International Conference on Emerging Trends and Engineering & Technology – Signal and Information Processing (ICETET-SIP 2025) held on 1st and 2nd August 2025 at GH Rasoni College of Engineering, Nagpur (INDIA).
- Reviewer for the 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0 held at O.P. Jindal University, Raigarh, Chattisgarh, India from April 9-11, 2025.
- Reviewer for the International Conference on Advances in Science, Engineering, and Technology (ICASET - 2024) from 30 – 31 July, 2024 organized by Department of Computer Application, Integral University, Lucknow, India in association with CRC Press, Routledge, Taylor and Francis Group.

- Reviewer for the 3rd OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 4.0 held at O.P. Jindal University, Raigarh, Chattisgarh, India from June 5-7th, 2024.
- Session chair in International Conference/Webinar on Emerging Trends in Information Technology (ICETIT-25) organized by AIIT, Amity University Uttar Pradesh, Lucknow in collaboration with Amity Innovation Club on 11 March 2025.

OTHER RESPONSIBILITIES:

- NBA Coordinator- Criteria-2
- Project Coordinator

Date: 10/01/2026

Place: Lucknow



(Dr. Ram Pratap)