Curriculum Vitae

Mrs. Nisha
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Educational Qualification:

Sr. No.	Examination	Board / University	Passing year	Percentage
1	Senior secondary examination	Himachal Pradesh board of school education	2006	67.60%
2	B.Tech. IT	Himachal Pradesh University	2010	68.89%
3	M.Tech. CS	Himachal Pradesh University (Main campus)	2012	75.17%
4	NET/JRF	UGC- NET with JRF	2022	NA
5	PhD CSE	NIT Jalandhar (Pursuing)	NA	NA

Work Experience:

- Worked as Guest Faculty in Information technology department at Dr. BR Ambedkar National Institute of Technology, Jalandhar from 5th August 2022 to 20th January 2023.

- Worked as an Assistant Professor in Computer Science & Engineering department at Chandigarh University from 6th July2021for 6 months.

- Worked as Assistant Professor in the department of Computer Science and Engineering at Alakh Prakash Goyal Shimla University for six years from July 2013 till September 2019.

Academic Responsibilities:

- Worked as a Program Coordinator of Computer Science & Engineering Department from the year July 2015 to Sept 2016.

- Worked as a Head of Department in Computer Science & Engineering Department from Sept. 2016 to August 2019.

- Member of Board of Studies in the department.

Extra Responsibilities:

- Worked as Hostel Warden for two years at Girls Hostel Alakh Prakash Goyal Shimla University.

- Member of Disciplinary Committee at Alakh Prakash Goyal Shimla University.

- Member of a Sexual Harassment Committee at Alakh Prakash Goyal Shimla University.

Research Interests:
- E-learning using cloud computing association.
- Efficient data mining in the field of weather forecasting and healthcare.
- Efficient algorithm designing.
- Big Data.

Workshops Attended and Certifications Achieved:
- Participated in one day workshop "The AI Frontier: Balancing Security and Explainability " on 18th -19th March 2023 organized by Dr. BR Ambedkar National Institute of Technology, Jalandhar.
- Participated in one day workshop "Innovation and Intellectual Property Rights Filing" on 1st July 2020 organized by Innovation club of Dr. BR Ambedkar National Institute of Technology, Jalandhar.
- Participated in three days national workshop on Recent Trends & Tools in Journal Publishing and Research Integrity organized by Chitkara University Punjab.
- Participated in the two days Virtual Scientific Event on Chemical Science Frontiers: The Virtual International Conference at Uka Tarsadia University, Bardoli- India.
- Participated in the Faculty development program through NITTTR, Chandigarh.
- Participated in the one day workshop on Virtual Labs at JUIT, Waknaghat, Solan.
- Participated in webinar on "National Education Policy 2020: Making Education Relevant", on September 01st, 2020 at NIT Jalandhar.
- Successfully qualified the Spoken Tutorial Based Online Tests for Workshops for the following courses: C, C++, Python, RDBMS PostgreSQL, Java, BASH, JOOMLA, LaTeX, Ruby, PHP, MySQL

Workshops Organized:

- Three days workshop on National Linux Security Championship organized by ESS IIT Delhi and VBM Technologies.
- Coordinator of Two day National Conference of Changing Trends, Future Challenges and Innovations in Science and Technology at Alakh Prakesh Goyal Shimla University.
- Coordinated as Joint Organizing Secretary of Two days International Conference on Recent Advances and research Innovations in Engineering and Technology (RARIET-2017).
- Faculty Development Program Online Test Invigilator for Spoken Tutorial Based Workshops of IIT Bombay.

Research Publications:

- Manuscript entitled Cloud Computing Platform For Virtual University Providing E-learning Published in International Organization of Scientific Research (IOSR) Journals of Computer Engineering Vol. 6, Issue 2, Sep-Oct. 2012.

- Manuscript entitled Parametric Comparison of Data Mining Tools presented in the conference at Jawaharlal Nehru University, Delhi, September 2015.

- Manuscript entitled Parametric Comparison of Data Mining Tools published in the journal International Journal of Advanced Technology in Engineering and Science, Vol. 3, Issue

11, November 2015.

- Manuscript entitled Heart Disease and Data mining: Collaboration in the Making published in the journal International Journal of Latest Trends in Engineering and Technology (IJLTET), Vol. 7, Issue 2, July 2016.

- Manuscript entitled Review on Data Mining and its Security Issues published in journal of AGU.

- Manuscript entitled A Review on comparative study of different algorithms for Object Detection is p u b l i s h e d i n International Journal of Research In Electronics And Computer Engineering (IJRECE) ISSN (Online): 2348-2281,vol. 4, issue 4 Oct- Dec. 2016.

- Manuscript entitled Square Root sorting algorithm Published in Journal of Emerging Technologies and innovative research (JITER) June 2019, volume 6, issue 6.

- Manuscript entitled A Review : Data Structure, Algorithm and its analysis Published in Journal of Emerging Technologies and innovative research (JITER) June 2019, volume 6 , issue 6.

- Manuscript entitled Analysis of Dengue Prediction Technique Published in Journal of Emerging Technologies and innovative research (JITER) June 2019, volume 6, issue 6.

- Manuscript entitled Hybrid Classification Method for Dengue Prediction published in the SCOPUS Indexed journal International Journal of Engineering and Advanced Technology (IJEAT), Vol. 8, Issue 6, August 2019.

- Manuscript entitled An Era of Mobile Data Offloading Opportunities: A Comprehensive Survey has published in SCI Indexed journal Mobile Networks and Applications on 22nd February 2023.

Personal Profile

Date of Birth:	22nd January, 1989
Gender:	Female
Mother's Name:	Smt. Veena Devi
Father's Name:	Sh. Pritam Chand
Permanent Address:	Vill- Sailan- Di- Bahal, PO- Dangri, Teh. - Nadaun, Distt.- Hamirpur. Pin-177048.

Mrs. Nisha

22/06/2023