

# CURRICULUM VITAE

**Dr. PRATIBHA VERMA**

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## OBJECTIVE

To become a hardcore computer Professional attuned to the needs of an ever changing computer arena.

## EXPERIENCE

- I. Worked as Assistant Professor in Department of Computer Science and Information Technology Kalyan P.G. College Bhilainagar Chhattisgarh from date 16.7.2012 to 31.5.2013.
- II. Worked as Assistant Professor in Department of Computer Science and Information Technology Kalyan P.G. College Bhilainagar Chhattisgarh from date 8.7.2013 to 31.5.2014.
- III. Worked as Guest Lecturer in Department of Computer Application Kaktiya P.G. College Jagdalpur Chhattisgarh from date 20.08.2018 to 28.02.2019.
- IV. Worked as Guest Lecturer in Department of Computer Application Kaktiya P.G. College Jagdalpur Chhattisgarh from date 13.09.2019 to 29.02.2020.
- V. Worked as Guest Lecturer in Department of Computer Application Kaktiya P.G. College Jagdalpur Chhattisgarh from date 01.03.2021 to 25.06.2021.
- VI. Working as Guest Lecturer in Department of Computer Science in Govt. VYT PG Autonomous College Durg from date 02.09.2024 to till date.

## QUALIFICATION

Education	Percentage	Session	Board/University
Ph.D. (Computer Science)		2023	Dr.CVRU Bilaspur (C.G.)
M.C.A.	78.23%	2012	CSVTU, Bhilai (C.G.)
B.C.A.	68.70%	2009	PRSU Raipur (C.G.)
12 <sup>th</sup>	77.00%	2005	C.G. Board Raipur (C.G.)
10 <sup>th</sup>	84.16%	2003	C.G. Board Raipur (C.G.)

## PUBLICATIONS

### UGC-CARE LIST, SCOPUS, WEB OF SCIENCE JOURNAL

- ❖ Sahu, S. K. & Verma, P., (2022). Classification of autistic Spectrum Disorder Using Deep Neural Network with Particle Swarm Optimization. International Journal of Computer Vision and Image Processing, Vol.12 Issue 1, (**UGC-CARE List**)
- ❖ Verma, P., Awasthi, V. K., & Sahu, S. K. (2021). An Ensemble Model With Genetic Algorithm for Classification of Coronary Artery Disease. International Journal of Computer Vision and Image Processing, 11(3), 70–83. <https://doi.org/10.4018/ijcvip.2021070105> (**UGC-CARE List**)
- ❖ Verma, P., Awasthi, V.K., Sahu, S.K. (2021). A novel design of classification of coronary artery disease using deep learning and data mining algorithms. Revue d'Intelligence Artificielle, Vol. 35, No. 3, pp. 209-215. <https://doi.org/10.18280/ria.350304> (**SCOPUS**)
- ❖ Verma, P., Awasthi, V.K., Sahu, S.K. & Shrivastava A.K., (2022). Coronary Artery Disease Classification Using Deep Neural Network and Ensemble Models Optimized by Particle Swarm Optimization. International Journal of Applied Metaheuristic Computing (IJAMC), Vol. 13, Issue No.1, (**Web of Science**)

### PEER REVIEWED JOURNAL

- Verma, P. (2020). Ensemble Models for Classification of Coronary Artery Disease using Decision Trees. International Journal of Recent Technology and Engineering, 8(6), 940–944. <https://doi.org/10.35940/ijrte.f7250.038620>
- Verma, P., Awasthi, V. K., & Sahu, S. K. (2021). Classification of Coronary Artery Disease using Multilayer Perceptron Neural Network. International Journal of Applied Evolutionary Computation, 12(3), 35–43. <https://doi.org/10.4018/IJAEC.2021070103>

### CONFERENCE PAPER

- Verma, P., Awasthi, V. K., & Sahu, S. K. (2021a). Classification of Coronary Artery Disease Using Deep Neural Network with Dimension Reduction Technique. In 2021 2nd International Conference for Emerging Technology (INCET) (pp. 1–5). Belgaum, India: **IEEE**. <https://doi.org/10.1109/incet51464.2021.9456322> (**SCOPUS, WOS**)

### BOOK CHAPTER

- Verma, P., Awasthi, V. K., Shrivastava, A. K., & Sahu, S. K. (2022). Deep Neural Network with Feature Optimization technique for Classification of Coronary Artery

Disease, Handbook of Research on Computer Vision and Image Processing in the Deep Learning Era, IGI Global 2023 (SCOPUS, WOS)

- Sahu, S. K., & Verma, P. (2022). Stacked Auto Encoder Deep Neural Network with Principal Components Analysis for Identification of Chronic Kidney Disease. Machine Learning and Deep Learning Techniques for Medical Science, 385–395. <https://doi.org/10.1201/9781003217497-19>
- Verma, P., Awasthi, V. K., Shrivastava, A. K., & Sahu, S. K. (2022). Stacked Generalization Based Ensemble Model for Classification of Coronary Artery Disease, 1, 57–65. Springer Nature Switzerland AG 2022 (SCOPUS/WOS)

## CONFERENCES / SEMINARS

- Presented paper entitled “An Ensemble model for classification of Coronary Artery Disease” in Three Day International Conference on ‘ICRTMPCS-2019’ organized by Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P.), Dec on 12-14, 2019.
- Presented paper entitled “Stacked Generalization based Ensemble model for classification of Coronary Artery Disease” in Two Day International Conference on ‘ICIRSMT-2020’ organized by Atal Bihari Vajpayee University, Bilaspur, India on 04-05 January 2020.
- Presented paper entitled “Classification of Coronary Artery Disease Using Future Optimization as Ant Colony Optimization” in Two Day International Conference on ‘ICIRSMT-2021’ organized by Atal Bihari Vajpayee University, Bilaspur, India on 27-28 December 2021.

## FACULTY DEVELOPMENT PROGRAMME/WORKSHOPS

- Attended two week online FDP on “Machine Learning for Computer Vision” jointly organized by Electronics and ICT Academies during June 29 - July 8, 2020 under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” of the Ministry of Electronics and Information Technology (MeitY), Government of India
- Attended one week online FDP on “International Faculty Development Program on Research and Teaching Methodology” organized by Department of Biotechnology and

Department of Chemistry of Govt. V.Y.T. PG Autonomous College, Durg, Chhattisgarh,  
India during June 05 - July 11, 2021.

## KEY SKILLS

Research Area	Data Mining, Machine Learning, Feature Optimization
Operating System	Windows 98, XP, Linux, DOS
Language	C, C++, Java , Visual Basic, .Net(C#,ASP)
RDBMS	Oracle, MS Access, SQL Server
Others	MS Office, HTML,

## PERSONAL INFORMATION

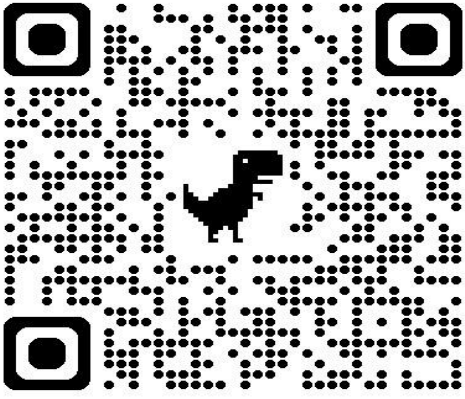
Fathers Name	J Verma
Date of Birth	21 March 1987
Sex	Female
Language	Hindi, English
Marital Status	Married
E-mail	<a href="mailto:bhilai.pratibha@gmail.com">bhilai.pratibha@gmail.com</a>
Address	WR-117 Pahse III Ganpati Vihar, Borsi, Distt. Durg (C.G.)490001

## DECLARATION

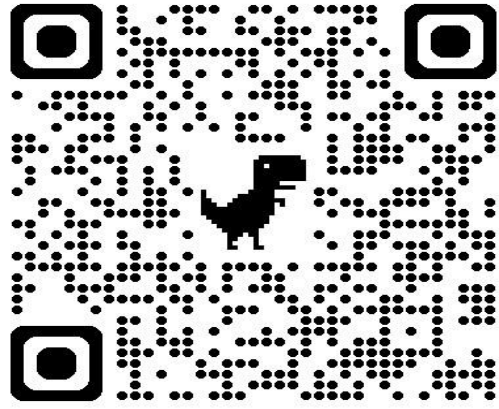
I hereby declare that all the statement described in the above curriculum vitae is correct as per the best of my knowledge and belief.

Date

**PRATIBHA VERMA**



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