

VEENA R

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Educational Qualifications

Ph.D. in Computer Science CHRIST (Deemed to be University), Bengaluru	<i>In Progress</i>
Master of Computer Applications (MCA) Bangalore University	<i>2016</i>
Bachelor of Computer Applications (BCA) Bangalore University	<i>2013</i>

Professional Experience

Assistant Professor Department of Computer Applications, B.M.S. College of Engineering, Bengaluru	<i>Current</i>
Assistant Professor SRN Adarsh College, Bengaluru	<i>June 2022 – February 2026</i>
Assistant Professor Don Bosco Institute of Management Studies, Bengaluru	<i>August 2017 – June 2022</i>
Assistant Professor Sheshadripuram Academy of Business Studies, Bengaluru	<i>July 2016 – August 2017</i>

Industry Experience – Agile Development

Industry Experience Antiz Technology PVT.Ltd	<i>6 Months</i>
• Worked in an Agile software development environment and Unity 2.0 Software. • Participated in Agile development activities and project execution. • Gained practical exposure to Agile methodologies, sprint-based development, team collaboration, and software development processes.	

Research Interests

- Artificial Intelligence and Machine Learning
- Internet of Medical Things (IoMT)
- Artificial Intelligence in Healthcare
- Quantum Machine Learning
- Quantum-Inspired Computing
- Cybersecurity and Emerging Computing Technologies

Research Publications

Journal Publications

- “Assessing the Efficiency of Machine Learning Algorithms in Diagnosing Metabolic Syndrome and Polycystic Ovary Syndrome (PCOS) using Shared Parameters: A Multivariate Novel Approach.” Published in **International Journal of Engineering Research & Technology (IJERT)**. DOI: [10.5281/zenodo.18138672](https://doi.org/10.5281/zenodo.18138672).
- Divya N. and Veena R. (2025), “The Role of Artificial Intelligence in Enhancing Online Learning Experience and Impact on Gen Z Generation,” **Seshadripuram Journal of Social Sciences**, 6(3.1), 231–242. DOI: [10.5281/zenodo.18811888](https://doi.org/10.5281/zenodo.18811888).

Book Chapters

- Veena R., Bhargavi M. R., Divya N. and Narendra N., “Transforming Workforce Management in the NEP 2026 Era through Artificial Intelligence and Predictive Analytics.” Published by **GEH Press**, 2026. ISBN: **978-1-971938-07-3**. The chapter focuses on AI-driven workforce analytics and predictive workforce management.

Conference Papers

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- Divya N. & Veena R. (2025), “The Role of Artificial Intelligence in Enhancing Online Learning Experience and Impact on Gen Z Generation,” Seshadripuram Journal of Social Sciences, 6(3.1), 231–242, DOI: 10.5281/zenodo.18811888.

Patents

Design Patent: AI-Powered Enterprise Management Device

Design No.: **473154-001**

Registered: **11 September 2025**

Authority: **Indian Patent Office**

Academic Achievements and Professional Contributions

- Selected for Ph.D. in Computer Science at CHRIST (Deemed to be University).
- Served as Question Paper Setter and Reviewer for B.Sc. and BCA courses.
- Worked as an Examination Evaluator for Bangalore University and Bengaluru City University.
- Participated in academic, NAAC and institutional committees.
- Coordinated academic and technical events at the institutional level.
- Delivered guest lectures on Software Engineering, Agile Methodology and related computing topics.
- Received Best Organizing Team Award for coordinating technical events.
- Received recognition for academic excellence and institutional activities.

Faculty Development Programmes, Workshops and Training

- FDP on “Quantum Machine Learning and Quantum Deep Learning: Theory, Algorithms, and Applications (QCAI-2026)” – Annant Gyan.
- FDP on “Advanced Artificial Intelligence & Machine Learning: Models, Applications and Research Perspectives” – Surana College Autonomous, Bengaluru, March 2026.
- Five-Day Research Enhancement Programme – Department of Computer Science, CHRIST (Deemed to be University), Yeshwanthpur Campus, February 2026.
- Value Added Programme on “IoT in Healthcare: Applications and Hands-on Practice (IoT-AP)” – Vellore Institute of Technology, January–March 2026.
- FDP on “Applications of AI Tools in Education and Research.”
- FDP on “Sustainable Teaching Practice in Academic 5.0.”
- FDP on “Cloud Infrastructure (AWS).”
- FDP/Workshop on “Writing and Publishing Research Papers in Scopus/WoS Journals.”
- Workshop on “Research Methodology.”
- FDP on “Computational Intelligence.”
- FDP on “Emerging Trends in Artificial Intelligence Systems.”
- Workshop on “IP in Academics – Patents” – Karnataka Science and Technology Academy.

NPTEL Certification

NPTEL–AICTE Certification – Python for Data Science

IIT Madras

January–February 2025

Invited Talks and Academic Engagements

- Guest Lecture on “Software Engineering Overview and Agile Methodology” – Dayananda Sagar College of Arts, Science and Commerce.
- Guest Lecture on “E-Insight” – Government First Grade College.

Certifications

- Udemy Python – The 100 Days of Code
- Core Java Certification -JSpiders
- SQL Certification - JSpiders
- Web Technologies and J2EE Training – JSpiders

Academic Recognition

- Best Organizing Team Award for coordination of technical events.
- 3rd Academic excellence award at college level .
- Recognition for participation in institutional academic activities.

Academic Projects

Gamified Treasure Hunt and the Avatar

Educational game developed using Unity, JavaScript, C#, PHP and MySQL.

E-Post

Online postal portal developed using C#, .NET/ASP.NET, SQL Server and SQL.

I-Factor

Web-based project developed using PHP, MySQL, WAMP, HTML, JavaScript and CSS.

Technical Skills

Programming	C, C++, Java, Python, PHP, JavaScript, C#, ASP.NET
Databases	Oracle 10g, MySQL, SQL Server, MongoDB
Web Technologies	HTML, CSS, JavaScript, ASP.NET, J2EE
Operating Systems	Linux, UNIX, Windows, MS-DOS
Tools / Platforms	Microsoft Office, Google Workspace, LMS Platforms, Zoom, WAMP
Research / Academic	Research Methodology, Academic Writing, AI Tools, Research Ethics