

Name : Ms. A. Vinitha

Designation : Assistant Professor

Department : Computer Applications

Qualification : MCA, MBA, (Ph.D.)

Experience : Teaching – 3.8 Years | Research – 1 Year | Industry – 3.11 Years

Specialization: Machine Learning & Cloud Computing

Email : Vinitha.a@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Karpagam Academy of Higher Education	Pursuing
MBA	Marketing	PSG Institute of Management	2022
MCA	Computer Applications	KGISL Institute of Management	2018
BCA	Computer Applications	Sri Ramakrishna College of Arts & Science for women	2016

Additional Qualifications

Dip. / Cert.	Area of Specialization	Institution / Agency Name	Year
Certificate	Re-Skilling - Innovation Ambassador	IIC (Institutions Innovation Council)	2024
Certificate	Foundation Level - Innovation Ambassador	IIC	2023
Certificate	Reskilling - Innovation Ambassador	IIC	2022
Certificate	PHP Programming	NIIT	2014

Research Publications

- Ms. A. Vinitha, **Paddy Leaf Disease Prediction using Artificial Intelligence and Machine Learning**, IEEE Xplore, December 2025. (Indexed in SCOPUS).
- Ms. A. Vinitha, **Prediction of the Soil Nutrition Level Applying Deep Learning to Hybrid Model**, IEEE Xplore, December 2025. (Indexed in SCOPUS).
- Ms. A. Vinitha, **A Paradigm Shift in Real-Time Detection: The YOLOv7 Approach to Trainable Freebie Optimization**, IEEE Xplore, April 2025. (Indexed in SCOPUS).

- Ms. A. Vinitha, **IoT for Smart City Planning and Development**, IEEE Xplore, February 2025. (Indexed in SCOPUS).

Books/ Book Chapters Publication

- **Artificial Intelligence and Robotics: Building Smarter Machines**, Ms. A. Vinitha, Leilani Katie Publications, August-2025, ISBN: 978-93-6348-3636-2.
- **Cryptography and Network Security**, Ms. A. Vinitha, Charulatha Publications, January-2025, ISBN: 13: 978-93-6260-625-9.

Presentations in Conference/ Seminar

- **Global Wireless E-Voting Introduction Voting Importance**, National Conference on Advanced Computing and IT Applications, KGISL - IIM, Coimbatore, 10-Feb-17.

Participation in Faculty Development Programme

- **Emerging Trends in Artificial Intelligence and Its Real-World Application**, B JAIN Institute of Technology, Management and Research, 19-Jan-26 to 24-Jan -26.
- **Microsoft Azure AI Engineer**, Karunya Institute of Technology and Sciences, Coimbatore, 02- Dec- 24 to 06- Dec-24.
- **5G Networks Slicing & Applications**, Presidency School of Information Science, Presidency University, Bengaluru, 11- Nov -24 to 15- Nov-24.
- **Recent Advancements in AI & IOT - Industry Perspective**, Periyar Maniammai Institute of Science & Technology, Thanjavur, 25- Nov -24 to 30- Nov -24.
- **Evolving Landscape of Data Science- Current Trends & Patterns**, Hindusthan College of Arts and Science, Coimbatore, 23-Sep-24 to 27- Sep-24.
- **Critical & Creative Thinking Skills**, Michael Job Memorial College of Education for Women, Coimbatore, 5-Aug-24 to 6-Aug-24.
- **Exploring New Frontiers in Teaching Tools, AI and Data Analytics**, MEASI Institute of Information Technology, Chennai, 29- July-24 to 02- Aug -24.
- **Essential Skills for Professional Development in Higher Education**, Star International Foundation for Research and Education, 1-Jul-24 to 7-Jul-24.

Conference / Seminar / Workshop Organized

- Organizing Secretary, **Faculty Development Programme on AI-Driven Cyber and Cloud Security: Standards, Privacy and Emerging Threats**, Karpagam Academy of Higher Education, Coimbatore in collaboration with National Cyber Security Standards (NCSS), 4 to 6-Dec-25.
- Organizing Secretary & Coordinator, Course on **21 Days Masterclass on JETSON AI**, Pantech eLearning, 22-Nov-2024 to 12- Dec-2024.
- Organizing Secretary, Seminar on **Career Guidance Programme on How to Clear TNPSC Examination**, Karpagam Academy of Higher Education, Coimbatore, 27-Nov-2024.
- Organizing Secretary, Seminar on **Strategies for Preparing Government Examination**, Karpagam Academy of Higher Education, Coimbatore, 16-Oct-2024.
- Organizing Secretary, Seminar on **Usage of Online Coding Platforms**, Karpagam Academy of Higher Education, Coimbatore, 29-Aug-2024 to 30-Aug-2024.
- Organizing Secretary, Seminar on **Career Opportunities Counselling on Computer Science**, Karpagam Academy of Higher Education Coimbatore, 19-Jul-2024.
- Organizing Secretary, Workshop on **Website Design Process and Web Application Development Tools**, Karpagam Academy of Higher Education, Coimbatore, 03 to 04-Jul-24.
- Organizing Secretary, Workshop on **Prototype Design Process and Development in Digital Products**, Karpagam Academy of Higher Education, Coimbatore, 24 & 25-Jun-2024.
- Organizing Secretary, Seminar on **National Technology Day**, Karpagam Academy of Higher Education, Coimbatore, 11-May-2024.
- Organizing Secretary, Seminar on **Achieving Problem Solution Fit & Problem Market Fit**, Karpagam Academy of Higher Education, Coimbatore, 8-Mar-2024.
- Organizing Secretary, Seminar on One Day **Career Counselling Programme for Competitive Exams**, Karpagam Academy of Higher Education, Coimbatore, 14-Feb-2024.
- Organizing Secretary, Workshop on **Web Designing and Maintenance**, Karpagam Academy of Higher Education, Coimbatore, 5-Feb-2024 to 7-Feb-2024.
- Organizing Secretary, Seminar on One Day **Orientation Programme for Competitive Exams**, Karpagam Academy of Higher Education, Coimbatore, 11-Nov-2023.

- Organizing Secretary, **Competition - Best innovations on Business Plan Competition**, Karpagam Academy of Higher Education, Coimbatore, 16, 19 & 21-Aug-23.
- Organizing Secretary, One Day Workshop on **Data Science & Machine Learning**, Karpagam Academy of Higher Education, Coimbatore, 27-Jul-2023.
- Organizing Secretary, Seminar on **Recent Trends in IOT Applications**, Karpagam Academy of Higher Education, Coimbatore, 20-Jul-2023.
- Organizing Secretary, One Day Workshop on **Building Innovative Application Using Python**, Karpagam Academy of Higher Education, Coimbatore, 17 & 18-Jul-2023.
- Organizing Secretary, **Competition - Exhibition on Recent innovations in Ads Development using Multimedia**, Karpagam Academy of Higher Education, Coimbatore, 10 to 12-Apr-2023.
- Organizing Secretary, One Day Workshop on **Recent Innovation Technology in Cyber Security**, Karpagam Academy of Higher Education, Coimbatore, 29-Mar-2023.
- Organizing Secretary, Workshop on **Innovative Ideas in Digital Marketing**, Karpagam Academy of Higher Education, Coimbatore, 8-Nov-2022.

Invited Speaker / Session Chair/ Reviewer

- Invited Speaker, **Workshop on Pharmacy Analytics with Excel for Data Management Computation and Visualization**, Karpagam Academy of Higher Education, Coimbatore, 13-Dec-2025.
- Invited Speaker, **Workshop on RPA - Robotics Process Automation**, Karpagam Academy of Higher Education, Coimbatore, 18-Sep-2024 to 19-Sep-2024.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Internet Society of India	Life-time	2026 Onwards
International Association of Engineers- IAENG (IAENG membership number is: 550474)	Life-time	2026 Onwards