Name   **: Mrs .J. Vinitha**

Designation   : Assistant Professor

Department   : Artificial Intelligence & Machine Learning

Qualification : M.Sc., (Ph.D)

Experience   **:** Teaching – 2.2 Years

Specialization: Artificial Intelligence & Deep Learning

Email : vinitha.j@drngpasc.ac.in

Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Bharathiar University, Coimbatore	pursuing
M.Sc.	Computer Science	Bharathiar University, Coimbatore	2022
B.Sc.	Computer Technology	Dr. N.G.P. Arts and Science College,	2020

Additional Qualifications

Dip. / Cert.	Area of Specialization	Institution / University / Agency Name	Year
Certification	Computer Science	Swayam - Web based Technologies and Multimedia Applications	2021
Diploma	Computer Applications	National Council of vocational and Research Training	2018

Patent

Title	Status	Year
Airport Route Analysis using Machine Learning	Published	03-Jan-25

Presentations in Conference/ Seminar

- **Machine Learning Techniques in emerging cloud computing integrated paradigms**, National Conference on emerging trends in Artificial Intelligence, Sengamala Thayaar Educational Trust Women's College, Thiruvarur, 19-Feb-24 to 20-Feb-24.

- **A Survey on IOT based Smart Agriculture**, International Conference on Advanced Computing (ICAC -2022), Bharathiar University, Coimbatore, 20 –Sep-22.
- **Machine Learning in Healthcare**, International Conference on Research Trends in Computing Technologies (ICRTCT-2020), Dr. N.G.P Arts and Science College, Coimbatore,17-Mar-20.
- **Traffic Control System using Big Data**, International Conference on Research Trends in Computing Technologies (ICRTCT-18), Dr. N.G.P. Arts and Science College, Coimbatore, 05-Jan-18.

Participation in Conference/Seminar

- **Computational Intelligence and Communication Technologies,** International Conference, (ICCICT-2K25) Dr. N.G.P. Arts and Science College, Coimbatore, 03-Jan-25.
- **Statistical Analysis Using Python**, Hands-on Training, Skill Development Center, BEICH-RUSA 2.0, Bharathiar University, Coimbatore, 05-Feb-21 to 14-Feb-21.
- **Data Analytics using R**, Hands-on Training, Skill Development Center, BEICH-RUSA 2.0, Bharathiar University, Coimbatore, 25-Jan-21 to 04-Feb-21.
- **Embedded Systems and Wireless Sensor Networks for IOT**, Skill Development Center, BEICH-RUSA 2.0, Bharathiar University, Coimbatore, 11-Jan-21 to 23-Jan- 21.
- **Emerging Trends in Mathematics with Computer Applications**, National Conference (ETMCA-19), Dr. N.G.P. Arts and Science College, Coimbatore, 14-Oct-19.

Participation in Faculty Development Programme

- **AICTE Incorporating Universal Human Values in Education,** ICT academy 20-Jan-25 to 24-Jan-25.
- **Artificial Intelligence and Machine Learning,** Dr. N.G.P. Arts and Science College, Coimbatore,08-Nov-23 to 09-Nov-23.
- **Artificial Intelligence for Youth,** Dr. N.G.P. Arts and Science College, Coimbatore, 20 – Nov-23 to 24-Nov-23.
- **Fundamentals of coding and cloud,** Government of Tamil Nadu – Naan Mudhalvan Scheme,Bharathiar University, Coimbatore, 24-Jul-23 to 26-Jul-23.

- **Data Science Specialization using Python**, Dr. SNS Rajalakshmi College of Arts and Science,   Coimbatore, 19-Jun-23 to 23-Jun-23.
- **Cyber Security Associate,** Government of Tamil Nadu – Naan Mudhalvan Scheme, BharathiarUniversity, Coimbatore, 06-Feb-23 to 10-Feb-23.
- **Quality Enhancement in Teaching and Learning,** A.V.P College of Arts and Science, 05-Oct-22 to 09-Oct-22.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
National Institute for Technical Training & Skill Development (NITTSD)	Life-time	-
Computer Science Teachers Association (CSTA)	Life-time	-
International Associations of Academic Plus Corporate (IAAC)	Life-time	-