


<b>FACULTY</b>	Name : <b>D.GOBINATH</b> Designation : <b>ASSISTANT PROFESSOR</b> Department : <b>AIML</b>
	<p><b>Mr. D. Gobinath</b> is an accomplished academican and technology professional with over 11 years of combined experience in higher education and the IT industry. He holds an M.Tech in Computer Science and has extensive expertise in Artificial Intelligence, Machine Learning, Cloud Computing, IoT, Data Science, Cyber Security, and Software Engineering. Throughout his academic career, he has served as Assistant Professor at reputed institutions and has actively contributed to teaching, research, student mentoring, curriculum development, and academic administration. He has published several research papers in IEEE Xplore, Scopus-indexed journals, and international conferences, and holds multiple patents in emerging technologies. He is also the author of books on Big Data Analytics and Quantum Computing. His dedication to industry-academia collaboration has led to successful MoUs, internships, industrial visits, workshops, and faculty development programs, helping bridge the gap between classroom learning and real-world technological advancements. His passion lies in empowering students with practical knowledge, innovation, and industry-ready skills.</p>
	<p><b>Publications</b></p> <p><b>BOOKS (2)</b></p> <ul style="list-style-type: none"> <li>● MASTERING BIG DATA ANALYTICS WITH HADOOP: FROM BASICS TO ADVANCED TECHNIQUES.</li> <li>● MASTER OF QUANTUM COMPUTING WITH PYTHON</li> </ul> <p><b>Journals (4)</b></p> <p><b><u>PAPER PUBLISHED IN SPRINGER AND JOURNAL:</u></b></p> <ul style="list-style-type: none"> <li>● <b>A time efficient and accurate retrieval of range agregate queries using fcm approach (published in IJECE Journal)</b></li> <li>● <b>Automatic Toll E-ticketing system for transportation (published in TEST Journal)</b></li> <li>● <b>Smart farming through improvised fertilizer and machine learning approach (published in TEST Journal)</b></li> <li>● <b>Multifocus image fusion Conditional-Generate Adversarial networks (published in ICICA)</b></li> </ul> <p><b>Conferences (10)</b></p> <p><b><u>PAPER PUBLISHED IN IEEE XPLORE (CONFERENCE) AND SCOPUS INDUXED: ( TOTAL : 10 )</u></b></p> <ul style="list-style-type: none"> <li>● <b>Artificial Intelligence Assisted Student Learning and Performance Analysis using Instructor Evaluation Model</b></li> </ul>

- **An IOT Assisted Secured Healthcare Management Scheme based on RIFD and Crypto Security Enhancement Model**
- **An Intelligent Failure Free Data Communication Model Using Predicted Remaining Deliveries Scheme**
- **Experimental Analysis of Human Behaviour Monitoring System using Gaze Shift Principles and Bayesian image foraging logic**
- **An Effective Gas and Oil Leakage Detection system over industrial environment using internet of things assistance**
- **SVM Classifier for Hygienic Food Handling with Cloud-Connected UV-C Sterilization Solutions**
- **Tele-Rheumatology-Advanced Neural Network Model for Remote Assessment and Management of Rheumatic Conditions**
- **A Temporal and Classification Approach to Predicting Stress and Work-Life Balance Among Higher Education Teachers**
- **Multi factor authentication for secured financial transactions through graph convolutional network model**
- **Neural Network Algorithms in Financial Services: The Effect of Fraud Risk Management and Fraud Prevention.**

#### **PATENT PUBLISHED & GRANT (TOTAL : 3)**

- **GRIDNET, A CONVOLUTIONAL NEURAL NETWORK ARCHITECTURE, DESIGNED FOR THE SEMANTIC SEGMENTATION OF IMAGES. (INDIAN DESIGN PATENT)**
- **ENHANCING CLOUD SECURITY WITH AI, BLOCKCHAIN, AND IOT FOR THE NEXT GENERATION. (INDIAN DESIGN PATENT)**
- **IOT - ASSISTED ENVIRONMENTAL POLLUTION DETECTING DEVICE . (INDIAN GRANT PATENT)**

#### **Achievements / Awards / Recognitions**

**GOT BEST PUBLICATION AWARD FROM CMR UNIVERSITY IN THE YEAR 2025**

#### **ORGANIZED INDUSTRIAL VISIT FOR THE STUDENTS:**

- **ISRO (SRIHARIKOTA) in the year 2024**
- **LENOVO (PUDUCHERRY) in the year 2024**

#### **ORGANIZED INTERNSHIP FOR THE STUDENTS:**

- **CDAC, CHENNAI (Central Govt - Body) in the year of 2024**
- **GGs INFOTECH (MNC COMPANY) in the year of 2025**

#### **Workshops / FDPs / Seminars**

**WORKSHOP AND FDP PARTICIPATED: (TOTAL : 35)**

- **“CLOUD COMPUTING-Concepts and Practical Implementation”**  
From 21 to 23 march 2017 at **ANNA UNIVERSITY (Guindy)**
- **“DEVOPS-RED HAT-Concepts and Practical Implementation”**  
On 28 july 2018 in **SRM UNIVERSITY**
- National Workshop on **HUMAN COGNITION AND EMOTION ADAPTING AI TECHNIQUES**  
From 6 to 7 sep 2018 in **SRM UNIVERSITY**
- One day Workshop of **SDN AND Its APPLICATIONS** attend on 29.4.2019 in **SRM UNIVERSITY**
- One day Workshop of **SMART TECHNOLOGIES** attend on 30.4.2019 in **SRM UNIVERSITY**
- Two-day Workshop of **ETHICAL HACKING** attend on 3.10.2019 to 4.10.2019 in **SRM UNIVERSITY**
- One day Workshop of **DATA ANALYTICS AND PARALLEL PROCESSING** attend on 5.10.2018 in **SRM UNIVERSITY**
- Three-day workshop of **GEOGRAPHICAL INFORMATION SYSTEM** attend on 7.9.2019 to 9.9.2019 in **SRM UNIVERSITY**
- Two-day Workshop of **DEEP LEARNING ACCELERATED COMPUTING** attend on 26.9.2019 to 27.9.2019 in **SRM UNIVERSITY**
- Two-day Workshop of **CLOUD COMPUTING AND CYBER SECURITY** attend on 13.2.2020 to 14.2.2020 in **SRM UNIVERSITY**
- One day Workshop of **OPEN INFRA INSTITUTE DAY** attend on 21.2.2019 in **SRM UNIVERSITY**
- Participated in Faculty Development Programme of **“MICROSOFT INTELLIGENT CLOUD HUB - IOT HUB”** Organized by **SRM UNIVERSITY** from 19 to 23 august 2019
- Short Term Training Program on **CLOUD ORCHESTRATION USING SDN AND OPENSTACK** From 24 to 28 sep 2018 (COSOS2018) in **SRM UNIVERSITY**
- Participated in Faculty Development Programme on **“Salesforce – Trailhead”** Organized by School of Computing in **SRM UNIVERSITY** from 5 to 9 march 2019
- Participated in Faculty Development Programme of **“INTEGRATION OF IOT AND CLOUD COMPUTING SERVICES”** Organized by **PONDICHERRY ENGINEERING COLLEGE** from 25.11.19 to 6.12.19.
- Participated in Faculty Development Programme of **“INTRODUCTION TO INTERNET OF THINGS”** Organized by **NPTEL** from 01.06.19 to 30.10.19.
- participated in Faculty Development Programme of **“CLOUD COMPUTING”** Organized by **NPTEL** from 01.06.19 to 30.10.19.
- Participated in Faculty Development Programme of **“Industrial Applications of Machine Learning and Deep Learning”** Organized by **VIT UNIVERSITY** from 07.12.21 to 11.12.21

- Participated in Faculty Development Programme of “**IET Sponsored National Workshop on Virtual Reality Applications**” organized by **SRM UNIVERSITY** on 18<sup>th</sup> December 2021
- Participated in Faculty Development Programme of “**Research Conclave on Blockchain Technology**” organized by **SRM UNIVERSITY** from 13.12.21 to 17.12.21
- Participated in Faculty Development Programme of “**Quality Expectation in NBA**” organized by **Anna University** from 30.8.21 to 31.8.21
- Participated in Faculty Development Programme of “**Machine Learning in the Age of AI: Algorithms, Models and Beyond**” organized by **KPR Institute of Engineering and Technology**” from 21.08.23 to 1.09.23.
- Participated in Faculty Development Programme of “**Evolving Potentials in Quantum Computing Applications**” organized by **SRM UNIVERSITY** from 11.9.23 to 15.9.23
- Participated in Faculty Development Programme of “**NEURAL NETWORKS AND DEEP LEARNING**” organized by **Panimalar Engineering College** from 12.12.23 to 17.12.23
- Participated in Faculty Development Programme of “**Recent Trends in AI**” organized by **BHUPAL NOBLE’S UNIVERSITY UDAIPUR** from 22.1.24 to 27.01.24
- Participated in Faculty Development Programme of “**Emerging Tools and Techniques in Machine Learning and Data Science**” organized by **Madanapalle institute of Technology and science** from 05.02.24 to 10.02.24.
- Participated in Faculty Development Programme of “**Teaching from the Rear-View to New Normal Pedagogy**” organized by **Rajalakshmi Institute of Technology** on 13.02.24
- Participated in Faculty Development Programme of “**GENERATIVE AI**” organized by **D.Y.Patel College of Engineering, AKURDI** from 04.03.24 to 09.03.24
- Participated in Faculty Development Programme of “**Emerging Frontiers: Navigating the convergence of Technology and science for present progress and future innovation**” organized by **Dr.B.C. Roy Engineering College, Durgapur** from 11.03.24 to 15.03.24
- Participated in Faculty Development Programme of “ **PRACTICING ANALYTICS IN DATA SCIENCE** “ organized by **CMR UNIVERSITY** from 08.07.24 to 12.07.24
- Participated in Faculty Development Programme of “**EXPLORING COMPUTATIONAL INTELLIGENCE**” organized by **VIT UNIVERSITY** from 16.07.24 to 20.07.24
- Participated in Faculty Development Programme of “**CURRENT TRENDS IN IT**” organized by **SATHYABAM UNIVERSITY** from 22.07.24 to 26.07.24
- Participated in Faculty Development Programme of “**FULL STACK DATA SCIENCE GEN-AI**” organized by **MITS - AP** from 19.08.24 to 23.08.24

- Participated in Faculty Development Programme of **"EMERGING TRENDS IN CYBER SECURITY AND DIGITAL FORENSICS"** organized by **CMR UNIVERSITY** from 18.10.24 to 22.10.24
- Participated in Faculty Development Programme of **"CYBER SECURITY IN AI"** organized by **CMR UNIVERSITY** from 02.12.24 to 07.10.24 (**ATAL FDP**)

### **ONLINE COURSE CERTIFICATION: (TOTAL : 8)**

- **"AWS FUNDAMENTALS: GOING CLOUD NATIVE BY AWS ON COURSERA"** course completed in **COURSERA**.
- **"INTRODUCTION TO SOFTWARE PROJECT MANAGEMENT"** course completed in **COURSERA**
- **NPTEL** certified in **"CLOUD COMPUTING"**
- **NPTEL** certified in **"IOT"**
- **"CHATGPT FOR BEGINNERS"** Certified by **GREAT LEARNING**
- **"INTRODUCTION TO CLOUD COMPUTING"** Certified by **IBM** thru Coursera
- **"CLOUD COMPUTING PROJECTS FOR BEGINNERS"** Certified by **GREAT LEARNING**
- **"CLOUD FOUNDATION COURSE COMPLETED"** Certified by **AWS** thru **AWS ACADEMY**

**ORGANIZED GUEST LECTURER AND FDP FOR THE STUDENTS  
AND FACULTY: TOTAL (7)**

- **TOPIC: “FROM CONCEPT TO COMPLETION: EXCELLING IN IT PROJECT MANAGEMENT”** in the year 2024  
**RESOURCE PERSON:** “MR. BASKARAN KESAVAN  
(FOUNDER AND CEO OF KRIYATEC IT SYSTEMS (MNC COMPANY)
- **TOPIC: “NAVIGATE THROUGH INDUSTRY HORIZONS AND INNAVATIONS IN ADVANCE ANALYTICS DATA WORLD”** in the year 2024  
**RESOURCE PERSON:** “MR.S. SHREYANTH (SENIOR TECHNOLOGY CONSULTANT  
(ERNST & YOUNG (EY)) GLOBAL DELIVERY SERVICES)
- **TOPIC: “BIG DATA ESSENTIALS AND BLOCKCHAIN REVOLUTION”** in the year 2024  
**RESOURCE PERSON:** “MR. NISHANTH JAYARAM (LEAD DATA ENGINEER  
(ERNST & YOUNG (EY)) GLOBAL DELIVERY SERVICES).
- **TOPIC: " EMERGING TRENDS IN CYBER SECURITY AND DIGITAL FORENSICS "**  
**(FIVE DAYS ONLINE FDP) in the year 2024**  
**RESOURCE PERSON:** Dr.M.Prasad, Professor, VIT, Chennai & B.N.Kalpana , Professor, St.Joseph College of engineering and Technology, OMR, Chennai
- **TOPIC: " GEN AI FUNDAMENTALS TO APPLICATION DEVELOPMENT "** in the year 2025  
**RESOURCE PERSON:** Mr.Ramaiah Chidambaram  
**(AI & MLOps Expert & Lead AI Architect ) Intel Technology India Pvt Ltd**
- **Hands – on session on the topic “Train a Recommendation System in Python using AI (Movies / Products)”** on 30th September 2025
- **Guest Lecturer on the topic “AI for Mental Health”** on 26th September 2025