



FACULTY PROFILE

Name: Dr. D. Franklin Vinod

Designation: Assistant Professor

E-Mail: franklid@srmist.edu.in

Professional Qualification:

Degree	Institution	Specialization	Year of Passing
PhD	Kalasalingam Academy of Research and Education (Deemed to be University)	Information Technology	2018
M.Tech	Kalasalingam University	Information Technology	2014
B.Tech	CSI Institute of Technology (Anna University)	Information Technology	2009

Publications (Journals & Conferences):

SCI

1. Li Junwei, S. Ramkumar, G. Emayavaramban, **D. Franklin Vinod** *et al.*, Brain Computer Interface For Neurodegenerative Person Using Electroencephalogram, **IEEE Access**, vol. 7, pp. 2439-2452, 2019. (**Impact Factor: 4.098**)

2. **D.Franklin Vinod** and V.Vasudevan, LNTP-MDBN: Big Data Integrated Learning Framework for Heterogeneous Image Set Classification, **Current Medical Imaging**, vol. 15, pp. 227-236, 2019. (**Impact Factor: 1.315**)

Scopus Book Chapter

1. Aditi Sharma and **D. Franklin Vinod**, Classification of Bacterial Skin Disease Images using Modified Convolutional Neural Network, **Springer LNNS**, vol. 645, pp. 685-697, 2023.
2. Neha Ahlawat and **D. Franklin Vinod**, mCD and Clipped RBM based DBN for Optimal Classification of Breast Cancer, **Springer LNNS**, vol. 613, pp. 79-88, 2023.
3. Jaya Sharma and **D. Franklin Vinod**, Deep CNN Model with Enhanced Inception Layers for Lung Cancer Identification, **Springer LNNS**, vol.613, pp. 699-709, 2023.
4. Jaya Sharma and **D. Franklin Vinod**, Deep CNN Model Embedded with Inception Layers for COVID-19 Classification, **Springer SIST**, vol. 311, pp. 441-449, 2022.
5. Neha Ahlawat and **D. Franklin Vinod**, Clipped RBM and DBN Based Mechanism for Optimal Classification of Brain Cancer, **Springer SIST**, vol. 311, pp. 295-304, 2022.
6. Mehul Bhargava, Shruti Singh, Jaya Sharma and **D. Franklin Vinod**, Telecom Customer Churn Prediction, **Springer Lecture Notes on Data Engineering and Communications Technologies**, vol. 92, pp. 325-333, 2022.
7. **D. Franklin Vinod** and V. Vasudevan, PPCS-MMDML: Integrated Privacy based approach for Big Data Heterogeneous Image Set Classification, **Springer SIST**, vol. 106, pp. 435-443, 2019.
8. **D.Franklin Vinod** and V.Vasudevan, PPCS-MMDML: Integrated Privacy based approach for Big Data Heterogeneous Image Set Classification, **Springer SIST**, vol. 106, pp. 435-443, 2019.
9. **D.Franklin Vinod** and V.Vasudevan, A Bi-level Security Mechanism for Efficient Protection on Graphs in Online Social Networks, **Springer Lecture Notes in Computer Science**, vol. 10398, pp. 69-75, 2017.

Scopus Conference/others

1. **D.Franklin Vinod** and V.Vasudevan, A Filter Based Feature Set Selection Approach for Big Data Classification of Patient Records, **IEEE Xplore Digital Library**, pp. 3684-3687, 2016. (**Scopus Indexed**)
2. **D.Franklin Vinod** and K.Rajakumar, Efficient Security for Node against Draining Life in MANET, International Conference "EMICS'14", (2014).

Patents

1. **D. Franklin Vinod**, V. Muneeswaran, Neha Ahlawat and R.P. Mahapatra, IOT BASED HOME ANTIHEIST SYSTEM, Published in Indian Patent on 13/11/20.

2. **D. Franklin Vinod**, V. Muneeswaran, Jaya Sharma, R.P. Mahapatra and Dhowmya Bhatt, ARTIFICIAL INTELLIGENCE TAILORED INTERACTIVE SMART MIRROR, Published in Indian Patent on 10/09/21.

Awards and Achievements

- Certified by EMC² Academic associate for the Course Titled “Data Science and Big Data Analytics” on August 20, 2016.
- Certified by NPTEL for the Course Titled “Introduction to Machine Learning” during August- October 2018.

Workshops/Seminars/FDPs

- Participated workshop on **Advanced Networking & Cloud Computing** for five days in KLU dated 8-12-14 to 12-12-14.
- Participated workshop on **Big Data Mining** for two days in KLU dated 12-01-15 to 13-01-15.
- Participated workshop on **Big Data Analytics: Tools & Techniques** for five days in NIT, Trichy dated 08-06-15 to 12-06-15.
- Participated workshop on **Advanced Research & Development Activities** in KLU dated 09-09-15 to 11-09-15.
- Participated DST sponsored 10 days training programme on **Big Data Analytics** from 25-04-2016 to 05-05-2016.
- Participated 2 days hands-on national workshop on **Research Methodology** (how to do a good Ph.D./Paper/Thesis in LATEX) on 09-02-2016 and 10-02-2016.
- Participated in Guest Lecture on **Cyber Physical Systems: Event Triggered Control and Security** on 13-04-2016.
- Participated in 4days IEEE Winter School on **CYBER-PHYSICAL SYSTEMS** from 05-01-2017 to 08-01-2017.
- Participated 10 days FDP programme on Multi-Disciplinary Series **ERUDITIA'18** from 12-06-2018 to 23-06-2018.
- Participated in Five-days Faculty Development Program on **Computer Science & Biology**, organized by ATAL from 19-10-2020 to 23-10-2020.
- Participated in Faculty Development Program on **Cyber Security** organized by ATAL from 25-10-2021 to 29-10-2021.

- Participated in one-week Faculty Development Program on **Advanced Security Analytics and Machine Learning** 18-04-2022 to 23-04-2022, Conducted by the Department of Computer Science & Engineering at SRMIST NCR Campus.
- Participated in a one-week Faculty Development Programme on **Emerging trends and Applications of Machine Learning Based Artificial Intelligence**, organized by the Department of CSE, SRMIST NCR Campus from Feb 20th, 2023 to Feb 25, 2023.
- Attended a Faculty Development Programme on **Open-source tools for research** organized by the NITTTR Chandigarh from May 15 to May 19,2023.

Work Experience:

1. Madha Engineering College, Chennai.

Designation : Lecturer
Experience Level : June 2009 to May 2012
Department : CSE

2. Kalasalingam Academy of Research and Education, Krishnankoil

Designation : Full Time Research Scholar
Experience Level : Jan 2015 to April 2018
Department : IT

3. **SRM Institute of Science and Technology, Delhi-NCR.**

Designation : Assistant Professor
Experience Level : **June 2018 to till now**
Department : CSE

Professional Memberships:

- Lifetime Member of International Association of Engineers (IAENG) from 2023.