

**1. NAME AND ACADEMIC RANK:** Dr.G.Victo Sudha George, Ph.D. ,

Professor



**2. EDUCATION:**

PhD Computer Science and Engineering, Dr. M.G.R Educational and Research Institute, India, 2016.

M.Tech. Computer Science and Engineering. Dr. M.G.R Educational and Research Institute, India, 2007

B.E. Computer Science and Engineering, Madurai Kamaraj University, India 1993

**3. ACADEMIC EXPERIENCE:**

2017 – Present	Professor, Department of Computer Science and Engineering, Dr. M.G.R. Education and Research Institute, Chennai
2016 – 2017	Associate Professor, Computer Science and Engineering Department, Dr. M.G.R. Education and Research Institute, Chennai
2007 – 2016	Assistant Professor, Computer Science and Engineering Department, Dr. M.G.R. Education and Research Institute, Chennai
2000 – 2007	Assistant Professor, Computer Science and Engineering Department, Jaya Engineering College
1997– 2000	Lecturer, Computer Science Department, Valliammal Science College Chennai
1993 – 1997	Lecturer, S.A.Raja Polytechnic, Tirunelveli

**4. NON-ACADEMIC EXPERIENCE:**

NIL

**5. CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS:**

- Arduino, Spoken Tutorial, IIT Bombay, April 2020
- PROGRAMMING FOR DEEP LEARNING AND MACHINE LEARNING ALGORITHMS” live online course conducted by Chase Research and Development Department, April 2020
- BlockChain Technology and Management from Amity Future Academy, April 2020
- Machine learning with Python Programming Language , ZRAE Global, May 2020
- Online Certification on Machine Learning Course, Optimistic.ai Solutions, May 2020
- Online short term course on Blockchain and Machine Learning, Faculty of Engineering & Technology, Gurukula Kangri Vishwavidyalaya, Haridwar in Technical Collaboration with IBM& AICTE, July 2020

**6. CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:**

- International Association of Engineers (IAENG), Member

- **HONORS AND AWARDS:**

- Participated in the Asia Book of Records & India Book of Records, approved event title MGR COVID-19 COWINWEWIN -21 days 33 Departments 42 events.

#### 7. SERVICE ACTIVITIES:

- Reviewer in the 7th International Conference on Computational Intelligence in Data Science (ICCIDS-2024) organized by the Department of Computer Science and Engineering, Sri Sivasubramaniya Nadar College of Engineering, Chennai, India held during February 21-23, 2024.
- Reviewer in the IFIP International Conference on Security and Data Privacy (ICSDP 2022) organized by the Department of Computer Science and Engineering, Sri Sivasubramaniya Nadar College of Engineering, held on December 14-15, 2022
- Reviewer in the International Virtual Conference on Machine Learning Applications in Applied Sciences in Mathematics organized by Department of Artificial Intelligence and Data Science at Easwari Engineering College in 2022

#### 8. PRINCIPAL PUBLICATIONS OF LAST FIVE YEARS (2019-2024):

- Dhanalakshmi, Victo Sudha George G “Security threats and approaches in E-Health
- Shankar, D., Victo Sudha George G, Janardhana Naidu, J.N.S.S., Madhuri, P.S. “Deep Analysis of Risks and Recent Trends Towards Network Intrusion Detection System”, International Journal of Advanced Computer Science and Applications this link is disabled, 2023, 14(1), pp. 262–276
- M. Abirami, G. V. S. George and D. Sam, "Acute Lymphoblastic Leukemia Detection Challenges and Systematic Review," *2023 5th International Conference on Smart Systems and Inventive Technology (ICSSIT)*, Tirunelveli, India, 2023, pp. 1471-1477, doi:10.1109/ICSSIT55814.2023.10060916.
- E. Archana, S. Geetha and G. V. S. George, "Short Analysis of Machine Learning and Deep Learning Techniques used for Glaucoma Detection," *2023 5th International Conference on Smart Systems and Inventive Technology (ICSSIT)*, Tirunelveli, India, 2023, pp. 968-975, doi: 10.1109/ICSSIT55814.2023.10060909.
- Mrs. V. Vidhya, Dr. G. Victo Sudha George, Dr. P. Dinesh Kumar, Ms. Sushmitha.A, Ms. Shalu kumari “CROP IDENTIFICATION USING MASK R-CNN”, Journal of Data Acquisition and Processing, 2023, 38 (1): 3362-3370
- Mr.S.Mohan, Dr.G.Victo Sudha George, Dr.P.Dinesh Kumar, Mr.P.Sankar Ganesh, Mr.Surampudi Lokesh Ratna Teja, Mr.T.Sree Hari, “COVID-19 IMPACT ANALYSIS USING DATA VISUALIZATION AND PREDICTION”, Journal of Data Acquisition and Processing, 2023, 38 (1): 3371-3380
- Dr. F. Antony Xavier Bronson, Dr. P. Dinesh Kumar, Dr. G. Victo Sudha George, Mr. Sarath Rahul. S, Mr. Siva Kumar. R, Mr. Siva Sankar. V, “FACIAL EMOTION RECOGNITION SYSTEM”, Journal of Data Acquisition and Processing, 2023, 38 (1): 3381-3392
- Sujatha, K., Bhavani, N.P.G., G.Victo Sudha George, ...Kanya, N., Ganesan, A. “Innovation in Agriculture Industry by Automated Sorting of Rice Grains”, Evergreen 2023, 10(1), pp. 283–288
- Shankar, D., G.Victo Sudha George, Kanya, N. “OptiBiNet\_GRU: Robust Network Intrusion Detection System Using Optimum Bi-Directional Gated

- Recurrent Unit”,International Journal of Intelligent Engineering and Systems, 2023, 16(3), pp. 75–91
- Sujatha K., Bhavani N P G., G. Victo Sudha George, Kalaivani A., “Machine Learning Algorithm for Trend Analysis in Short term Forecasting of COVID-19 using Lung X-ray Images”, Journal of Physics: Conference Series, Vol , I , B 1-E 10
  - Thakur Saikumari, G. Victo Sudha George “An Enhanced Authorization Protocol in Blockchain for Personal Health Information Management System” International Journal of Computer Networks and Applications (IJCNA),DOI: 10.22247/ijcna/2023/221885 Volume 10, Issue 3, May – June (2023) ISSN: 2395-0455
  - Sujatha, K., Bhavani, N.P.G., Victo Sudha George, G., Sujitha, M., “Identification of Nutrients and Microbial Contamination in Fruits and Vegetables - Technology Using Internet of Behavior”,Internet of Behavior (IoB), 2023, pp. 157–170
  - S.Geetha,G.Soniya Pryatharshini,N.Ethiraj.G.Victo Sudha George,”Avant-grade techniques in machine for detecting financial fraud in healthcare”, Deep learning in personalized healthcare and Decision support, 1st Edition - July 20, 2023 , Imprint: Academic Press Paperback ISBN: 9780443194139,eBook ISBN: 9780443194146
  - G.Victo Sudha George L. Dharani ,Billa Hemalatha Bommidala Abhishake “Internet of things-based smart healthcare application using LoRa network” February 2024, DOI: 10.1201/9781003426974-12,In book: Low-Power Wide Area Network for Large Scale Internet of Things
  - L. Dharani, G. Victo Sudha George,” An In-Depth Analysis of Deep Learning's Multifaceted Influence on Healthcare Systems” ,BookDeep Learning in Medical Image Analysis,Edition 1st Edition,First Published 2024,Imprint Chapman and Hall/CRC,eBook ISBN 9781003343172
  - K. Sujatha, Victo Sudha George, NPG. Bhavani, T. Kalpatha Reddy, N. Kanya and A. Ganesan , “Online Detection of Malnutrition Induced Anemia from Nail Color using Machine Learning Algorithms”,Pp: 25-49 (25) ,DOI: 10.2174/9789815165432124070004
  - Girija, V., Victo Sudha George, G.“A Hybrid Cryptographic Algorithm-based User Authentication and Secured Data Transmission in Blockchain-based Internet of Vehicles (BIOV) Environment”,International Journal