ORACLE®
Certified Associate Dr. P. CHINNASAMY

EMC² Academic Associate
PROVEN PROFESSIONAL

PERSONAL DATA

PLACE AND DATE OF BIRTH:	Mamasapuram | 20 March 1990
ADDRESS:	90/77, Kaliamman Kovil North Street, Mamsapuram - 626110
PHONE:	9600281664, 9025324453
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OBJECTIVE

To be a prominent researcher using cryptography and access control for a cloud computing assortment of fields and a top-notch faculty for students in computer science and engineering.

RESEARCH

Completed Doctoral Degree under the title **"Design of Enhanced and Scalable Access Control Mechanisms for Cloud Storage System"** in March 2019

RESEARCH SUPERVISOR

I recognized as an **Anna University Research Supervisor under Information and Communication Engineering (ICE)**. My Supervisor Number is: **4140166.**

ACADEMIC EXPERIENCE

JAN 2019- APRIL 2021	Assistant Professor at **Sri Shakthi Institute of Engineering and Technology, Coimbatore.**
AUG 2021 - JUNE 2024	Associate Professor at **MLR Institute of Technology,Hyderabad.**
JUNE 2024 - TILL DATE	Associate Professor at **Kalasalingam Academy of Research and Education, Tamil Nadu.**

INDUSTRY EXPERIENCE

AUG 2012-DEC 2012	**Software Trainee at Process Global Inc, Chennai** Developed desktop application for library management system, Selections Process tracker and Blood Banking websites.
JAN 2013 - JUNE 2013	**Software Trainer at New Image Computer Education** Having Experience on teaching difference computer courses and give training and guidance to UG projects

EDUCATION

MARCH 2019	Doctor of Philosophy in COMPUTER SCIENCE and ENGINNERING, **Kalasalingam Academy of Research and Education**, India Thesis: "Design of Enhanced and Scalable Access Control Mechanisms for Cloud Storage System" — Supervisor: Prof. P. DEEPALAKSHMI
JUNE 2015	Master of Technology in COMPUTER SCIENCE and ENGINNERING, **Kalasalingam University**, India Thesis: "Providing Resilence on Cloud Computing" — Supervisor: Prof. S. RADHAKRISHNAN GCPA: 9.45/10
MAY 2011	Bacholar of Engineering in COMPUTER SCIENCE and ENGINNERING, **Dhanalakshmi College of Engineering**, Anna University, Chennai Project: "Intranet Chat Messenger" PERCENTAGE: 80%
MAY 2007	Higher Secondary School, **Sivanthypatti Nadar Higher Secondary School**, Mamsapuram, Srivilliputtur PERCENTAGE: 89.75%
MAY 2005	Secondary School, **Sivanthypatti Nadar Higher Secondary School**, Mamsapuram, Srivilliputtur PERCENTAGE: 89%

PROFESSIONAL RECOGNITION/FELLOWSHIP RECIEVED

S.No	NAME OF AWARD	AWARDING AGENCY	DURATION
1	**Cybersecurity Innovator of the Year**	CSI, Mumbai Chapter	Life Long.
2	**Senior Research Associate of UTAR International Collaborative Partner (ICP)**	Universiti Tunku Abdul Rahman, Malaysia	7 October 2024 to 6 October 2026.
3	**Innovative Researcher**	CSI - Hyderabad	LifeLong
4	**University Research Fellowship**	Kalasalingam Academy of Research and Education	July-2015 to July 2018
5	**Toyacathon - Judge**	MSME, AICTE	LifeLong
6	**Toyacathon - Primary Evaluator**	MSME, AICTE	LifeLong
7	**Smart India Hackathon-2022 - Primary Evaluator**	MSME, AICTE	LifeLong

FUNDED PROJECT

S.No	Project Title	Funding Agency	Name of the PI	Name of the Co-PI	Duration	Amount
1	A MultiModal Machine Learning Framework for Early Detection of Postpartum Depression	UTAR Research Fund (UTARRF)	Dr Tahayna Bashar M. A.	**Dr.P. Chinnasamy**	01 June 2025 31 May 2026	RM24,000.00

PHD SCHOLARS

S.No	NAME OF SCHOLARS	TITLE	STATUS
1	Geethu Lakshmi G	Lung Cancer Analysis using Deep Learning	Synopsis Submitted.
2	Deepthi K Moorthy	Heart Disease Prediction using Deep Learning	Progress (1 SCIE Published)
3	Roshni Rajendran	Deep learning algorithm	Comprehensive Viva Completed
4	Darshan P	AI In Cybersecurity	Coursework
5	Dastageer K	AI In Cybersecurity	Coursework
6	Mani G	AI In Cybersecurity	Coursework

PUBLICATIONS- JOURNAL WITH IMPACT FACTOR

1. **P.Chinnasamy**, P.Deepalakshmi, **"HCAC-EHR: Hybrid Cryptographic Access Control for Secure EHR Retrieval in Healthcare Cloud"**, *Journal of Ambient Intelligence and Humanized Com-*

puting, Vol. 13, pp-1001-1019,2022 https://doi.org/10.1007/s12652-021-02942-2 **[SCI - IF: 7.104] - (Q1)**

2. **P.Chinnasamy**, P.Deepalakshmi, **"A Scalable, Multilabel-Based Access Control as a Service for the Cloud (SMBACaaS)"**, *Transactions on Emerging Telecommunications Technologies*, Vol.29, No.8, 2018, https://doi.org/10.1002/ett.3458 **[SCI - IF:3.310] - (Q2)**

3. **Chinnasamy P**, Deepalakshmi P, Dutta AK, You J, Joshi GP, **CiphertextPolicy Attribute-Based Encryption for Cloud Storage: Toward Data Privacy and Authentication in AIenabled IoT System**, *Mathematics*, 10(1):68. https://doi.org/10.3390/math10010068 **[SCI - IF: 2.592] - (Q1)**

4. V. Praveena, A. Vijayaraj, **P. Chinnasamy**, Ihsan Ali, Roobaea Alroobaea, Saleh Yahya Alyahyan, and Muhammad Ahsan Raza, **Optimal Deep Reinforcement Learning for Intrusion Detection in UAVs**, *Computers, Materials & Continua*, Vol.70, No.2, pp. 2639-2653, 2022, https://www.techscience.com/cmc/v70n2/44676. **[SCI - IF: 3.860] - (Q2)**

5. **P. Chinnasamy**, Ashwag Albakri, Mudassir Khan, A. Ambeth Raja, Ajmeera Kiran and Jyothi Chinna Babu, **Smart Contract-Enabled Secure Sharing of Health Data for a Mobile Cloud-Based E-Health System**, *Applied Sciences, 13(6), 3970, 2023, https://doi.org/10.3390/app13063970* **[SCIE - IF: 2.838] - (Q2)**

6. Loganathan K, Eswaramoorthi S, **Chinnasamy P**, Jain R, Sivasakthivel R, Ali R, Devi NN, **Heat and Mass Transport in Casson Nanofluid Flow over a 3-D Riga Plate with Cattaneo-Christov Double Flux: A Computational Modeling through Analytical Method**, *Symmetry, 15(3), 725, 2023, https://doi.org/10.3390/sym15030725* **[SCIE - IF: 2.940] - (Q2)**

7. T. S. Arulananth, **P. Chinnasamy**, J. Chinna Babu,Ajmeera Kiran,J. Hemalatha, Mohamed Abbas, **Edge Detection using Fast Pixel based Matching and Contours Mapping Algorithms**, pone.0289823*PLoS ONE,18(8): e0289823. https://doi.org/10.1371/journal.pone.0289823* **[SCIE - IF: 3.752] - (Q1)**

8. **P. Chinnasamy**, Wing-Keung Wong, A. Ambeth Raja, Osamah Ibrahim Khalaf, Ajmeera Kiran, J. Chinna Babu, **Health Recommendation System using Deep Learning-based Collaborative Filtering**, *Heliyon, 2023, e22844, https://doi.org/10.1016/j.heliyon.2023.e22844.* **[SCIE - IF: 4] - (Q1)**

9. **Chinnasamy, P.**, Sivajothi, R., Sathish, S. et al. **Peristaltic transport of Sutterby nanofluid flow in an inclined tapered channel with an artificial neural network model and biomedical engineering application**, *Scientific Reports 14, 555 (2024). https://doi.org/10.1038/s41598-023-49480-9,* **[SCIE - IF: 4.6] - (Q1)**

10. T. S. Arulananth, S. W. Prakash, R. K. Ayyasamy, V. P. Kavitha, P. G. Kuppusamy and **P. Chinnasamy**, **Classification of Paediatric Pneumonia using Modified DenseNet-121 Deep-learning Model**," in *IEEE Access, https://doi.org/10.1109/ACCESS.2024.3371151* **[SCIE - IF: 3.9] - (Q1)**

11. Arulananth TS, Kuppusamy PG, Ayyasamy RK, Alhashmi SM, Mahalakshmi M, K. Vasanth, **P.Chinnasamy** (2024), **Semantic segmentation of urban environments: Leveraging U-Net deep learning model for cityscape image analysis**. *PLOS ONE* 19(4): e0300767. https://doi.org/10.1371/journal.pone.0300767 **[SCIE - IF: 3.752] - (Q1)**

12. **P.Chinnasamy**, Rafath Samrin, B.Ben Sujitha, R.Augasthega, Manikandan Rajagopal, A.Nageswaran, **Integrating Intelligent Breach Detection System Into 6g Enabled Smart Grid-Based Cyber Physical Systems**, *Wireless Personal Communications*, https://doi.org/10.1007/s11277-024-11192-2 **[SCIE - IF: 2.2] - (Q2)**

13. **Chinnasamy P**, Babu GC, Ayyasamy RK, Amutha S, Sinha K, Balaram A. **Blockchain 6G-Based Wireless Network Security Management with Optimization Using Machine Learning Techniques**. *Sensors*. 2024; 24(18):6143. https://doi.org/10.3390/s24186143 **[SCIE - IF: 3.4] - (Q1)**

14. Gani, M. O., Ayyasamy, R. K., Alhashmi, S. M., Alam, K. S., Sangodiah, A., Khaleduzzman, K., & **Ponnusamy, C.** (2025). **Towards enhanced assessment question classification: a study using machine learning, deep learning, and generative AI**. *Connection Science*, 37(1). https://doi.org/10.1080/09540091.2024.2445249 **[SCIE - IF: 3.2] - (Q2)**

15. R. Suganya, L. Sujithra, Ramesh Kumar Ayyasamy, **P. Chinnasamy**, **Wireless mmWave Communication in 5G Network Slicing with Routing Model Based on IoT and Deep Learning Model**, *Transactions on Emerging Telecommunications Technologies*,36: e70071, https://doi.org/10.1002/ett.70071 **[SCIE - IF: 2.5] - (Q1)**

16. **P. Chinnasamy**, Logeshwari Dhavamani, Ramesh kumar Ayyasamy, B.Santhosh Kumar, Ajmeera Kiran, **QuantumBlock Health Records: Enhancing Healthcare Data Security with Quantum Cryptography and Blockchain Technology**, *Cluster Computing*,28, 474 (2025), https://doi.org/10.1007/s10586-025-05101-w **[SCIE - IF: 4.1] - (Q1)**

17. **Chinnasamy, P**., Subashini, B., Ayyasamy, R.K. et al. **Blockchain based electronic educational document management with role-based access control using machine learning model**. *Scientific Reports* 15, 18828 (2025). https://doi.org/10.1038/s41598-025-99683-5 **[SCIE - IF: 3.8] - (Q1)**

18. **Chinnasamy, P**., Javid Ali, L., Qamar, S., Manikandan, G., Arumugam, M., & Hariharasitaraman, S. (2025). **Machine Learning Approach for Securing Autonomous Vehicle Applications in Urban Networks**. *IETE Journal of Research*,1–12.https://doi.org/10.1080/03772063.2025.2504091 **[SCIE - IF: 1.3] - (Q2)**

19. Deepthi K Moorthy, **P Chinnasamy**, P Nagaraj, **Optimization enabled ResNet features with transfer learning for Alzheimer's Disease Detection**, *Computational Biology and Chemistry*, 2025, 108613, ISSN 1476-9271, https://doi.org/10.1016/j.compbiolchem.2025.108613 **[SCIE - IF: 3.1] - (Q2)**

PUBLICATIONS- SCOPUS INDEXED

1. **P.Chinnasamy**, P.Deepalakshmi, **"A Survey on Blockchain Technology: A Steps towards Sustainable Development"**, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.9, No. 2S2, 2019. http://dx.doi.org/10.35940/ijitee.B1109.1292S219 **[Scopus Indexed]**

2. V.Praveena, **P.Chinnasamy**, and P.Deepalakshmi, **"Real-Time Demand Response Control for Smart Grid based on User Preference"**, International Journal of Advanced Science and Technology, Vol. 29, No. 9s. pp.3184-3192. **[Scopus Indexed]**

3. **P.Chinnasamy**, A.Ganesan, V.Prasathkumar and V.Praveena, **A Trusted-Role based Access Control Model for Secure Cloud Storage"**, International Journal of Advanced Science and Technology.Vol. 29, No. 9s. pp.3253-3259.   **[Scopus Indexed]**.

4. M.Maragatharajan, M.Dhillipkumar, S. Kailasam, **P.Chinnasamy**, **" Software Defined Network with QoS"**, International Journal of Advanced Science and Technology.Vol. 29, No. 9s. pp.6816-6822.   **[Scopus Indexed]**.

5. V.Praveena, **P.Chinnasamy**, P.Muneeshwari, R.Anantha Kumar, B.Ben Sujitha, **Detection and Categorization of Plant Leaf Diseases using Neural Networks**, European Journal of Molecular & Clinical Medicine, Vol.7, No.4, pp. 2438-2445, 2020.   **[Scopus Indexed]**.

6. **P.Chinnasamy**, B Vinodhini, V Praveena, C Vinothini and B Ben Sujitha, **Blockchain based Access Control and Data Sharing Systems for Smart Devices**, *Journal of Physics: Conference Series - AICTE-Sponsored International Conference on Data Analytics, Intelligent Systems and Information Security (ICDIIS '20)*, Vol. 1767, pp. 012056 `10.1088/1742-6596/1767/1/012056` **[Scopus Indexed]**

7. **P.Chinnasamy**, R. Geetha, S. Geetha, S.P.Balakannan, K.Ramprathap, V.Praveena, **Secure Smart Green House Farming using Blockchain Technology**, *Turkish Journal of Computer and Mathematics Education*, Vol.12, No.6, pp. 2858-2865, 2021, `https://doi.org/10.17762/turcomat.v12i6.5793`   **[Scopus Indexed]**

8. **P.Chinnasamy**,V.Suresh, K.Ramprathap, B.Jency A Jebamani, K.Srinivas Rao, M.Shiva Kranthi, COVID - 19 Vaccine Sentiment Analysis using Public Opinions on Twitter, Materials Today: Proceedings, 2022, `https://doi.org/10.1016/j.matpr.2022.04.809.`   **[Scopus Indexed]**

9. **P.Chinnasamy**,S. Arun Kumar, V. Navya, Lakshmi Priya, Bolludu Shuruthi, Machine Learning Based Cardiovascular Disease Prediction, Materials Today: Proceedings, 2022,, `https://doi.org/10.1016/j.matpr.2022.04.907`   **[Scopus Indexed]**

10. **P.Chinnasamy**, B.Dhanalakshmi, V.Praveena, T.Raghunathan, A. Allwyn Sundarraj, Gopika Venu, Artificial Intelligence based Smart Bus Tracking and Bus Stop Alert System for Passengers, AIP Conference Proceedings   **Accepted [Scopus Indexed]**

11. T.S.RajaRajeswari, **P.Chinnasamy**, K.B.Sri Sathya,S. Fowjiya, N.Saranya, and M. Maragatharajan, AApexChain: A Decentralized Pseudonymous Smart Contracts based Applications in Digital Currency, AIP Conference Proceedings   **Accepted [Scopus Indexed]**

12. **P.Chinnasamy**, B. Jency A Jebamani, N.Kumareshan, V. Prasathkumar, and S.Dhanasekaran, Predictive Analysis of BigMart Sales using Machine Learning Algorithms, AIP Conference Proceedings   **Accepted [Scopus Indexed]**

13. **P. Chinnasamy**, P. Siva Padmini, Sreenivasulu Gogula, K. Ramprathap, N. Kumareshan, Manjunathan Alagarsamy; **Securing sensitive health data: A creative solution for personal health record protection in cloud environment using attribute-based access control**, *AIP Conf. Proc.* 30 July 2025; 3300 (1): 020100. `https://doi.org/10.1063/5.0277372`   **[Scopus Indexed]**

14. **P. Chinnasamy**, Likha Chandran, Sreenivasulu Gogula, N. Kumareshan, J. Sathiamoorthy, Manjunathan Alagarsamy; **Exploring the fusion of cryptography methods for enhanced security in healthcare record management on the cloud**, *AIP Conf. Proc.* 30 July 2025; 3300 (1): 020117. `https://doi.org/10.1063/5.0277709`   **[Scopus Indexed]**

15. **P. Chinnasamy**, Maloth Ramesh Naik, Ramesh Kumar Ayyasamy, Likha Chandran, Ajmeera Kiran, Manjunathan Alagarsamy, **A deep learning framework based on modified convolutional neural network for content based image retrieval using elasticsearch integration**, *AIP Conf. Proc.* 30 July 2025; 3300 (1): 020197. `https://doi.org/10.1063/5.0277377` **[Scopus Indexed]**

16. **P. Chinnasamy**, Vishal Dhatrika, Srikanth Bhyrapuneni, Ajmeera Kiran, B. Anandkumar, Raja Manikandan; **BlockCertify: On the design and implementation of a secure verification and validation of educational certificates using blockchain technology**, *AIP Conf. Proc.* 30 July 2025; 3300 (1): 020146. `https://doi.org/10.1063/5.0277375` **[Scopus Indexed]**

PUBLICATIONS- BOOK CHAPTER

1. **Chinnasamy P**, Deepalakshmi P. (2018)**Improved Key Generation Scheme of RSA (IKGSR) Algorithm Based on Offline Storage for Cloud**. In: Rajsingh E., Veerasamy J., Alavi A., Peter J. (eds) *Advances in Big Data and Cloud Computing. Advances in Intelligent Systems and Computing*, vol 645. Springer, Singapore, `https://doi.org/10.1007/978-981-10-7200-0_31` **[Scopus Indexed]**

2. **P.Chinnasamy**, P.Deepalakshmi, **Access Control Mechanisms for Electronic Health Records in Cloud Environment**, Intelligent Data Security Solutions for e-Health Applications, Intelligent Data-Centric Systems, pp-113-130, 2020, `https://doi.org/10.1016/B978-0-12-819511-6.00006-6` **[Scopus Indexed]**

3. **P.Chinnasamy**, S.Padmavathi, R.Swathy, S.Rakesh, **Efficient Data Security Using Hybrid Cryptography on Cloud Computing'**, *Lecture Notes in Networks and Systems*, vol 145. Springer, Singapore. `https://doi.org/10.1007/978-981-15-7345-3_46` **[Scopus Indexed]**

4. **P.Chinnasamy**, V.Praveena, **Secure and Efficient data sharing scheme in cloud for protecting data in smart cities**, *Advanced Control for Smart Cities: An Industry 4.0 Perspective*, `https://doi.org/10.1007/978-3-030-48539-9_4` **[Scopus Indexed]**

5. **P.Chinnasamy**, C.Vinothini, S.Arun Kumar, S.Allwyn Sundarraj, S.V.Annlin Jeba and V.Praveena, **Blockchain Technologies in Smart-Cities'**,*Blockchain Technologies and its Applications*, Intelligent System Reference Library, vol 203. Springer, Cham. `https://doi.org/10.1007/978-3-030-69395-4_11` **[Scopus Indexed]**

6. **P.Chinnasamy**, D.Rojaramni, V.Praveena, S.V.Annlin Jeba, B.Bensujin, **DATA SECURITY AND PRIVACY REQUIREMENTS IN EDGE COMPUTING A SYSTEMATIC REVIEW**, *Cases on Edge Computing and Analytics*, IGI Global Publications. `10.4018/978-1-7998-4873-8.ch009` **[Scopus Indexed]**

7. **Chinnasamy, P.**, Sathya, K. B., Jebamani, B. J., Nithyasri, A., & Fowjiya, S. (2023). Deep Learning: Algorithms, Techniques, and Applications — A Systematic Survey. In L. Ashok Kumar, D. Karthika Renuka, & S. Geetha (Ed.), Deep Learning Research Applications for Natural Language Processing (pp. 1-17). IGI Global. `https://doi.org/10.4018/978-1-6684-6001-6.ch001`, **[Scopus Indexed]**

8. Raja Rajeswari, T.S., Khajashareef, S.K., Sandhya, N., **Chinnasamy, P**. (2023). **E-Voting System Using Blockchain**. In: Mandal, J.K., Hinchey, M., Rao, K.S. (eds) *Innovations in Signal Processing and Embedded Systems. Algorithms for Intelligent Systems. Springer, Singapore*. `https://doi.org/10.1007/978-981-19-1669-4_1`, **[Web of Science Indexed]**

9. **Chinnasamy, P.**, Rani, R. M., Ayyasamy, R. K., Sujithra, L. R., Mounika, T., & Cherukuvada, S. (2025). **Transforming Education With AI-Driven Intelligent Tutoring Systems**. In T. Murugan, K. P., & A. Abirami (Eds.), *Driving Quality Education Through AI and Data Science (pp. 239-258). IGI Global Scientific Publishing.* https://doi.org/10.4018/979-8-3693-8292-9.ch011**[Scopus Indexed]**

10. **P.Chinnasamy**, E.Anupriya, V. Suresh, I. Gugan, N. Saranya, T.S. Arulananth, **Design and Implementation of News Collection System using Machine Learning Algorithms,***In Advancements in Science and Technology for Healthcare, Agriculture, and Environmental Sustainability*, pp. 531-537, CRC Press, http://dx.doi.org/10.1201/9781032708348-80 **[CRC- Scopus Indexed]**

11. **P.Chinnasamy**, S.P. Kavya, B. Jency A Jebamani, P.Purushotham, S.V. Annlin Jeba, **Real Time Vehicle Detection and Counting for Traffic Management Applications**, it In Advancements in Science and Technology for Healthcare, Agriculture, and Environmental Sustainabilitypp. 538-544, CRC Press, http://dx.doi.org/10.1201/9781032708348-81 **[CRC- Scopus Indexed]**

12. T. S. Arulananth, S. Jayanthi, P. Sudha Kiran, **P. Chinnasamy**, S. Kavitha, K. Saravanan, **Secured certificate generation using LSB and hybrid watermarking using MATLAB**, *Integrated Technologies in Electrical, Electronics and Biotechnology Engineering*, CRC, pp. 1-6, http://dx.doi.org/10.1201/9781003606208-10 **[Scopus Indexed]**

PUBLICATIONS- INTERNATIONAL JOURNAL

1. **P.Chinnasamy**, P.Deepalakshmi, **"A Survey on Enhancing Cloud Security through Access Control Models and Technologies"**, *International Journal of Computer Science and Engineering*, Vol. 9, No.05, May 2017. **[Google Scholar]**

PUBLICATIONS- CONFERENCE

1. **P.Chinnasamy**, P.Deepalakshmi, **Design of Secure Storage for Health-care Cloud using Hybrid Cryptography** in *IEEE International Conference on Inventive Communication and Computational Technologies (ICICCT 2018)*, https://doi.org/10.1109/ICICCT.2018.8473107 **[IEEE- Scopus Indexed]**

2. Karthik, **P.Chinnasamy**, P.Deepalakshmi, **Hybrid Cryptographic Technique Using OTP:RSA**, *2017 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing*, Kalasalingam University, https://doi.org/10.1109/ITCOSP.2017.8303131 **[IEEE- Scopus Indexed]**

3. Harishita Naidu Ravuvar, Haritha Goda, Sumathi R and **P.Chinnasamy**, **" Smart Health Predicting System Using K-Means Algorithm"**, *International Conference on Computer Communication and Informatics (ICCCI-2020)*, https://doi.org/10.1109/ICCCI48352.2020.9104206 **[IEEE- Scopus Indexed]**

4. **P.Chinnasamy**, V.Praveena, **Providing Resilience on Cloud Computing** in *2021 IEEE International Conference on Computer Communication and Informatics (ICCCI-2021)*, https://doi.org/10.1109/ICCCI50826.2021.9402681 **[IEEE- Scopus Indexed]**

5. Apoorv Jain,Arun Kumar Tripathi,Naresh Chandra,**P.Chinnasamy**, **Smart Contract enabled Online Examination System Based in Blockchain Network** in *2021 IEEE International Conference on Computer Communication and Informatics (ICCCI-2021)*, https://doi.org/10.1109/ICCCI50826.2021.9402420   **[IEEE- Scopus Indexed]**

6. K.Muthamil Sudar,M. Beulah, P.Deepalakshmi, P.Nagaraj, **P.Chinnasamy**, **Detection of Distributed Denial of Service Attacks in SDN using Machine learning techniques** in *2021 IEEE International Conference on Computer Communication and Informatics (ICCCI-2021)*, https://doi.org/10.1109/ICCCI50826.2021.9402517   **[IEEE- Scopus Indexed]**

7. G.Bharath, K J Manikanta, G Bhanu Prakash, R.Sumathi, **P.Chinnasamy**, **Detecting Fake News Using Machine Learning Algorithms in** *2021 IEEE International Conference on Computer Communication and Informatics (ICCCI-2021)*, **https://doi.org/10.1109/ICCCI50826.2021.9402470**   **[IEEE- Scopus Indexed]**

8. K.Muthamil Sudar,P.Nagaraj, P.Deepalakshmi, **P.Chinnasamy** **Analysis of Intruder Detection in Big Data Analytics in** *2021 IEEE International Conference on Computer Communication and Informatics (ICCCI-2021)*, **https://doi.org/10.1109/ICCCI50826.2021.9402402** **[IEEE- Scopus Indexed]**

9. Dr.M.Ramalingam,D. Saranya, D. Gomathi, **P.Chinnasamy** **The Proficient Nano Remote Sensor Network Using Energy Preserving Routing Strategy in** *2021 IEEE International Conference on Computer Communication and Informatics (ICCCI-2021)*, **https://doi.org/10.1109/ICCCI50826.2021.9402416** **[IEEE- Scopus Indexed]**

10. G.Vasanthi,**P.Chinnasamy**, N.Kanagavalli, Dr.M.Ramalingam **Secure Data Storage Using Erasure-Coding In Cloud Environment in** *2021 IEEE International Conference on Computer Communication and Informatics (ICCCI-2021)*, **https://doi.org/10.1109/ICCCI50826.2021.9402639** **[IEEE- Scopus Indexed]**

11. D. Saranya,D. Gomathi, **P.Chinnasamy**, **Automatic Ontology Framework for Personal Health Service Using Semantic Web in** *2021 IEEE International Conference on Computer Communication and Informatics (ICCCI-2021)*, **https://doi.org/10.1109/ICCCI50826.2021.9402366** **[IEEE- Scopus Indexed]**

12. K.Muthamil Sudar,D. Lakshmi Lokesh, V. Samara sihmareddy,Y. Chanikya Chowdary, CH. Harish kumar, P.Nagaraj, **P.Chinnasamy** **GAS LEVEL DETECTION AND AUTOMATIC BOOKING NOTIFICATION USING IOT in** *2021 IEEE International Conference on Computer Communication and Informatics (ICCCI-2021)*, **https://doi.org/10.1109/ICCCI50826.2021.9402380** **[IEEE- Scopus Indexed]**

13. Dr. M. Ramalingam, Ms. D. Saranya, R. ShankarRam, **P.Chinnasamy**, A.Kalaiarasi **An Automated Framework For Dynamic Web Information Retrieval Using Deep Learning in** *2022 IEEE International Conference on Computer Communication and Informatics (ICCCI-2022)*, **https://doi.org/10.1109/ICCCI54379.2022.9741044**   **[IEEE- Scopus Indexed]**

14. D.Saranya, **P.Chinnasamy**, Dr.G.Nalinipriya, Jeipratha P N, Dr. D. C. Joy Winnie Wise, A.Kalaiarasi **Adaptive Intelligence System based on the Internet of Things for Patient Monitoring in Remote Area in** *2022 IEEE International Conference on Computer Communication and Informatics (ICCCI-2022)*, **https://doi.org/10.1109/ICCCI54379.2022.9741062**   **[IEEE- Scopus Indexed]**

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6. Mr. B. Devananda Rao, Mrs. K. Pushpa Rani, Mrs. N. Thulasi Chitra, **Dr.P. Chinnasamy**, Mrs. T. Raja Rajeswari, Mr. S.K. Lokesh Naik, Mr. K. Shekar, Mr. P. Purushotham, Pet Feeder Automation using Raspberry Pi based on Internet of Things, **Application Number: 202141057654, Status: Published** , 2021

7. Mrs. T.S. RajaRajeswari, **Dr. P. Chinnasamy**, Mrs. K. Pushpa Rani, Mrs. N. Thulasi Chitra, Mr. S.K. Lokesh Naik, Mrs. A. Ashwini, Mrs. S. Spandana, Mr. T. Vinod, Smart Gas Leakage and Usage Detection System, **Application Number: 202141057657, Status: Published** , 2021

8. Dr. N Sirisha,Dr. K.V.D. Kiran, Mrs. K Pushpa Rani, Mrs. N Thulasi Chitra, Mrs. T Raja Rajeswari, **Dr. P Chinnasamy**, Mr. Srinivasulu, Ms. B Lakshmi, System for Big Data Security in Distributed Environment Using Cryptographic based Model, **Application Number: 202141057661, Status: Published** , 2021

9. Dr.P.Subhasini, Dr.K.Srinivas Rao, **Dr.P. Chinnasamy**, Dr.A.Kiran, Mr.Kashi Sai Prasad, Mrs.Soleti Navya, Mrs.N.Sandhya Rani, Mrs.Appam Ashwini, Method for Identifying Confidential Data using Unsupervised Machine Learning in Data Leakage Prevention, **Application Number: 202141057659, Status: Published** , 2021

10. Mrs. N.Thulasi Chitra, Mrs. K.Pushpa Rani, Mrs. T.S. RajaRajeswari, Mrs. B. Devananda Rao,**Dr. P.Chinnasamy**, Mrs. S.Spandana, Mr. B.Srinivasulu, Ms. N.Sandhya Rani,SMART CRADLE SYSTEM FOR BABY MONITORING USING IOT, **Application Number: 202241025412, Status: Published**, 2022.

11. **Dr. P. Chinnasamy**,Dr. P. Deepalakshmi, Dr. K. Srinivas Rao, Dr. E. Anupriya, Dr. T. S. Arulananth, Dr. E. Sivakumar, Dr. P. Subhasini, Dr. A. Kiran, AN ARTIFICIAL INTELLIGENCE BASED SMART BUS TRACKING AND BUS STOP ALERT SYSTEM FOR PASSENGERS, **Application Number: 202241025413, Status: Published**, 2022.

12. **Dr.P. Chinnasamy**, Dr.P. Deepalakshmi, Dr. K. Srinivas Rao, Dr. E. Anupriya, Dr. T.S. Arulananth, Dr. E. Sivakumar, Dr. A. Kiran, SCREENING AND TRACKING OF COVID-19 INFECTED PERSONS USING FACE SCANS, **Application Number: 202241025410, Status: Published**, 2022.

13. **Dr. P. Chinnasamy**, Dr. P. Deepalakshmi, Dr. K. Srinivas Rao, Mr. Vishal Dhatrika, Mr. Dachiraju Hemanth Kumar, Mr. K Harish Chandra Prasad, Mr. Sanagala Praveen, Dr.M. Usha, AN SYSTEM/METHOD TO CREATE AND VALIDATE THE EDUCATIONAL CERTIFICATES USING BLOCKCHAIN TECHNOLOGY, **Application Number: 202241027370, Status: Filed**, 2022.

14. **P. Chinnasamy**, B. KIRAN, D.SANDEEP, A. JAYA KRISHNA, A. SIVA GANESH, PROTECTING HEALTHCARE RECORDS USING VISUAL CRYPTOGRAPHY FOR HOSPITAL MANAGEMENT SYSTEMS, **Application Number: 202541078078, Status: Published**, 2025.

15. **P. Chinnasamy** , C. Naveen, D. BHARGAVA REDDY, D. MANOJ KUMAR, CH. YUGANDHAR, HAIRSTYLE RECOMMENDATION SYSTEM BASED ON FACE SHAPE DETECTION USING CNNS AND AR, **Application Number: 202541078079, Status: Published**, 2025.

FUNDED PROJECT APPLIED

1. Submitted **Screening and Tracking of Covid'19 Infected persons using face scans by deep learning algorithms** in SERB-SRG.

ACADEMIC EXPERIENCE

1. In charge HoD (Since 25-05-2022)

2. NAAC Criteria -3 Key Indicators

3. **Project Coordinator**

4. **Department R & D In charge**

5. **Department Patent In charge**

INTERNATIONAL CERTIFICATIONS COMPLETED

1. **Oracle Database 10g Administrator Certified Associate**, from Oracle, 2011.

2. **EMC Academic Associate, Cloud Infrastructure And Services** from EMC^2, Bangalore in May, 2016.

PROGRAMME ORGANIZED

1. Act as a Technical Committee of IEEE International Conference on Computer Communications and Informatics 2020 and 2021.

2. Organize AICTE-Sponsored Two Weeks Faculty Development Programme on Blockchain Technology & its Applications.

REVIEWER

1. **Journal of Ambient Intelligence and Humanized Computing- Springer**

2. **International Journal of Advanced Computer Science and Applications**

3. **IET Networks**

4. **IET Information Security**

5. **Indonesian Journal of Electrical Engineering and Computer Science.**

6. **Journal of Intelligent & Fuzzy Systems.**

7. **Intelligent Automation & Soft Computing**

8. **Cybernetics and Information Technologies**

9. **Computer Systems Science and Engineering**

10. **International Journal of Computer Networks and Applications (IJCNA)**

11. **Transactions on Emerging Telecommunications Technologies**

12. **Bulletin of Electrical Engineering and Informatics**

13. **Materials Today Proceedings**

14. **Symmetry (MDPI Journal)**

15. **Journal of Experimental & Theoretical Artificial Intelligence**

16. **Applied Sciences (MDPI Journal)**

17. **Sustainability (MDPI Journal)**

18. **Computational Intelligence and Neuroscience (Hindawi)**

19. **Cogent Engineering**

20. **International Journal of Electrical and Electronics Research**

21. **Journal of Supercomputing**

22. **Mathematics (MDPI Journal)**

23. **International Journal of Information Technology & Decision Making**

24. **Data Science and Management**

25. **PLOS ONE**

TECHNICAL PROGRAMME COMMITTEE (TPC)

1. **INTERNATIONAL CONFERENCE ON MACHINE INTELLIGENCE & DATA SCIENCE APPLICATIONS (MIDAS 2021), Bangladesh.**

2. **International Yaseen Academy, China**

3. **International Conference on Computational Intelligence and Computing Applications-21 (ICCICA-21), India**

4. **INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS**

5. **Transdisciplinary Information Sciences conferences**

6. **International virtual conference on Machine Learning Applications in Applied Sciences and Mathematics**

7. **1st International Conference on Intelligent Electrical, Electronics and Communication Systems(IE2CS-2023)**

SESSION CHAIR

1. **Act as Session Chair of IEEE 12th Edition Conference as IEEE International Conference on Computer Communications and Informatics (ICCCI'22) at Coimbatore**

2. **Act as Session Chair of IEEE 13th Edition Conference as IEEE International Conference on Computer Communications and Informatics (ICCCI'23) at Coimbatore**

3. **Act as Session Chair of NATIONAL E-CONFERENCE ON ARTIFICIAL INTELLIGENCE, CYBER SECURITY, IOT & COMPUTING TECHNOLOGIES (NASICT'23) at Coimbatore.**

OTHER CERTIFICATIONS COMPLETED

1. **Web Component Development using JAVA Technologies** in NIIT.

2. **Oracle DBA and Data Warehousing** in iMind Solutions.

ONLINE CERTIFICATIONS COMPLETED

1. Completed **Blockchain Technology and Cryptocurrency in Java** from Udemy.

2. Completed **Building Blockchain Apps using Ethereum and Hyperledger Fabric** from Udemy.

3. Completed **Blockchain Basics** from Coursera.

4. Completed **IBM Blockchain Foundations for Developers** from Coursera.

5. Completed **Introduction to Internet of Things (IoT)** from NPTEL, OCT 2017.

6. Completed **Cloud Computing** from NPTEL, April/May 2018.

7. Completed **Blockchain Architecture Design and Use Cases** from NPTEL, OCT 2018.

8. Completed **Python** Online Test Conducted by IIT Bombay.

9. Completed **Java Tutorials for Complete Beginner** from Udemy.

10. Completed **JSP, Servlets and JDBC for beginners: Building a Database App**.

11. Completed **Java Server Faces for Beginner JSF 2.2** from Udemy.

12. Completed **Spring and Hibernate for Beginners**.

13. Completed **Introduction to Cloud Computing** from Udemy.

14. Completed **Basics of bash scripting** from Udemy.

15. Completed **Basics of GitHub** from Udemy.

16. Completed **Machine Learning with Python** from Big Data University.

17. Completed **Python for Data Science** from Big Data University.

18. Completed a certificate on **Publishing Your Article** from Elsevier publishing campus.

19. Beginners **guide to writing manuscript in Latex** from Elsevier publishing campus.

20. Completed **Structuring your manuscript** from Elsevier publishing campus.

21. Completed **Using proper manuscript language** from Elsevier publishing campus.

INTERNATIONAL CERTIFICATIONS - AS A TRAINER

1. EMC Academic Associate, Cloud Infrastructure and Services, Department of Computer Science & Engineering in Association with ICTACT, 2016-2017

2. Oracle Certified Java Programmer (OCJP), Department of Computer Science and Engineering in association with TIFA-CORE in Network Engineering, Kalasalingam University, 2015-2016 (Even Semester)

EXTENSION ACTIVITIES – AS A RESOURCE PERSON

1. Web Design and Development for IInd year BBA students from Kalasalingam University, Nov 2016 to April 2017.

2. Web Design and Development for IInd year BBA students from Kalasalingam Academy of Research and Education, Jan 2018 to April 2018.

CONSULTANCY WORK

S.No	NATURE OF WORK	COMPANY	AMOUNT
1	Web Development	Pennington Public Library (Srivilliputtur)	10,000
2	Web Development	Sri Meenakshi Pack (Sivakasi)	10,000

CO-CURRICULAR ACTIVITIES

1. Participated in Two days National Level Workshop on **Network Implementation & Security** at Kalasalingam University.

2. Participated in One day Workshop on **Building Private Cloud Infrastructure** at Kalasalingam University.

3. Participated in Two days Hands-on training programme on **LATEX- A Document Markup Language** in Kalasalingam University.

4. Participated in Two days TEQIP Sponsored Faculty Development Programme on **Network Security Tools** in Thiagarajar College of Engineering.

5. Participated in Six days Faculty Development Program on **Cloud Infrastructure and Services** conducted by ICT Academy.

6. Participated in Five days Faculty Development Programme on **Internet of Things and Google Class Room** at Kalasalingam University.

7. Participated in One Week TEQIP-III sponsored One Week Workshop on **Practical Python** at Thiagarajar College of Engineering.

8. Participated in Two weeks Faculty Development Programme (FDP101x) on **Foundation Program in ICT for Education** conducted by IIT Bombay.

9. Participated in **South Zone Kabaddi Tournament** held at VelTech Dr. R.R & Dr. S.R University Chennai during 2016-2017.

10. Participated in Two weeks Faculty Development Programme on **FDP201x Pedagogy for Online and Blended Teaching-Learning Process** conducted by IIT Bombay.

11. Participated in One week short term online course on **Data Science Using R** conducted by NITTTR - Chandigarh.

12. Participated in Five days Faculty Development Programme on **Engineering Exploration** at Maharastra Institute of Technology, 2019.

13. Participated in One Week Faculty Development Programme on **Blockchain Technology** conducted by EICT IIT Roorkee's, 2020.

14. Participated in One Week Faculty Development Programme on **Recent Trends in Information Technology** conducted by Kalasalingam Academy of Research and Education, 2020.

15. Participated in One Week International Faculty Development Programme on **"Emerging Trends & Technologies in Data Science"** conducted by GMR Institute of Technology, 2020.

16. Participated in One Week National Faculty Development Programme on **"Latex & XFig"** conducted by Calcutta Institute of Technology, 2020.

17. Participated in Five days AICTE Training And Learning (ATAL) Academy Online Faculty Development Programme on **"Data Science"** conducted by NATIONAL INSTITUTE OF TECHNOLOGY AGARTALA, 2020.

18. Participated in Five days AICTE Training And Learning (ATAL) Academy Online Faculty Development Programme on **"Quantum Computing"** conducted by Muthayammal Engineering College, 2020.

19. Participated in Five days AICTE Training And Learning (ATAL) Academy Online Faculty Development Programme on **"Advances of Cryptography in Quantum Computing"** conducted by College of Engineering, Guindy, Anna University, 2021.

20. Participated in Five days AICTE Training And Learning (ATAL) Academy Online Faculty Development Programme on **"Blockchain and its Security Perspectives"** conducted by Indian Institute of Information Technology Guwahati, 2021.

GUEST LECTURES

1. I delivered the webinar on "How to Write an Effective Research Paper to Karpagam Insitute of Technology on 28.01.2023.

2. I Delivered Keynote address in the NATIONAL SEMINAR, topic entitled "CURRENT GROWING TRENDS IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING-CRIME PREDICTION" on 09th March 2023.

3. I delivered the guest lecture on "Blockchain Technology" to Vardhaman College of Engineering on 15th Octobor 2023.

4. I delivered the FDP Session on "Machine Learning Applications in Crime Prediction and Deep Learning Model for Future Research" conducted by Sphoorthy Engineering College on 14th & 15th May 2024.

5. I delivered the FDP Session on "AI in Education" conducted by Noorul Islam Centre for Higher Education on 25th May 2024

ACHIEVEMENTS

1. Graduated M.Tech in Computer Science and Engineering with **Gold Medal**

2. **Top Performers** of IIT Bombay Faculty Development Programme

3. Sports Secretary of Dhanalakshmi College of Engineering during 2010-2011.

4. Participated State Level Sports Festival in St.Joseph's College of Engineering during 2006-2007

5. I got one time district winner and three times district runner up in Kabaddi game during my school days.

COMPUTER SKILLS

Programming Languages:	C,C++,JAVA, mySQL, HTML5,PYTHON,ORACLE
Scrpting Languages:	JAVASCRIPT,SHELL
Operating Systems:	WINDOWS, UBUNTU
Tools:	INFORMATICA, OPENSTACK, EUCALYPTUS
Framework:	JSP & SERVLET, JAVA SERVER FACES 2.0, SPRING & HIBERNATE
Simulator:	CLOUDSIM
IDE:	NETBEANS, ECLIPSE, XAMPP

PROFESSIONAL MEMBERSHIP

IEEE- 94203253
CSI - Lifetime Membership (7022240018)
International Association of Engineers
Institute for Engineering Research and Publication

LANGUAGES

TAMIL
ENGLISH

SUBJECT HANDLED

1. Design and Analysis of Algorithms

2. Cryptography and Network Security

3. Information Technology Essentials

4. Big Data Analytics

5. Database Technology

6. Web Technologies

7. Computer Networks

8. Cloud Computing

INTERESTS AND ACTIVITIES

1. Programming, Web Design

2. Learning New Technology, Hearing Songs

3. Playing Kabaddi, Travelling

REFERENCES

DR. P. DEEPALAKSHMI	Professor (CSE) & Dean, School of Computing, Kalasalingam Academy of Research and Education, MOBILE: 9865061291

DECLARATION

I hereby declare that all the information furnished above is true to best of my knowledge.

Place: P.CHINNASAMY