



Curriculum Vitae

Dr. C. PRIYA, MCA., M.Phil(CS)., MBA., Ph.D.,

Associate Professor,

Department of Information Technology,

Vels Institute of Science, Technology and Advanced Studies(VISTAS)

Chennai – 600 117

Mobile: +91 98417 38106 / 86100 52276

Email: drcpriya.research@gmail.com / drcpriya.scs@velsuniv.ac.in

Profile Summary:

Having 15 years of Teaching Experience in Engineering College and University

Book Publication

1. Published a Book Titled “**PyCharm IDE A Handbook of Python Programming**”, ISBN No 978-81-944000-1-1, January 2020
2. Published a Book Titled “**Let us C – Authentic Guide to C Programming**”, ISBN No 978-93-86712-88-2, September 2019
3. Published a Book Titled “**SELENIUM IDE A Practical Guide**”, ISBN No 978-93-87862-63-0, April 2019

Book Chapter Publications

1. **2** Book Chapters Published in **Elsevier(Academic Press)** May 2020, An Industrial IoT Approach for Pharmaceutical Industry Growth <https://www.elsevier.com/books-and-journals>
2. **7** Book Chapters Published in **Springer** May 2020, Intelligent Computing and Innovation on Data Science <https://link.springer.com/book/10.1007/978-981-15-3284-9>
3. **1** Book Chapter published in BPI(Book Publisher International) manuscript number 2020/BP/3689D

SCI Journal Publication

R.Cristin¹,B.Santhosh Kumar¹,C.Priya²,K.Karthick³,"**Deep neural based Rider-Cuckoo Search Algorithm for plant disease detection**" in Artificial Intelligence Review <https://doi.org/10.1007/s10462-020-09813-w>, © Springer Nature B.V. 21 February 2020

Patent Filed

TITLE OF THE INVENTION : LIGHT ESTIMATOR BASED FORGERY CONTROL UNIT FOR IMAGE FORGERY DETECTION

PATENT FILED : INTELLECTUAL PROPERTY INDIA

APPLICATION STATUS : PUBLISHED

FOREIGN VISIT TO MALAYSIA, LINCOLN UNIVERSITY FOR INTERNATIONAL CONFERENCE –11th and 12th October 2019

CONFERENCE SCIENTIFIC COMMITTEE, LINCOLN UNIVERSITY

Scientific Committee Member for International Conference on Technology Innovation and Data Sciences (ICTIDS'19) on 11 th & 12 th October 2019 at **Lincoln University College, Malaysia**

P.hD Guidance

- Guiding **8 Ph.D** Research Scholars at Vels Institute of Science, Technology and Advanced Studies(VISTAS)

Sl.No	Register Number	Name	Mode
1	UP18GP9612004/2018	Krishnachalitha.K.C	Part Time
2	UP18GP612005/2018	Jayashree.G	Part Time
3	UP18GP9612011/2018	Vidhya Lakshmi.A	Part Time
4	UP18P612017/2018	Priya.V	Part Time
5	UP18GP612021/2018	Pathima.S	Part Time
6	UP19G9571006/2019	Sheela	Full Time
7	UP19P9611067/2019	Kannan.M	Part Time
8	UP19P9611002/2019	Mubina Begum.M	Part Time

M.Phil Degree Awarded

M.Phil Scholars					
Sl.No	Register Number	Name	Month & Year of Passing	Class	College / University
1	18904107	KANNAN M	August 2019	First Class with	VISTAS

				Distinction	
2	17904116	RANJANI R	August 2018	First Class with Distinction	VISTAS

- Guided for **50** projects for **Post Graduate Level** in various Engineering Colleges

Awards

1. Received “**Global Teacher Award**” at **DELHI** from AKS Awards 2019 on 15.09.2019
2. Received “**Teachers Day Award for Book Published**” from Vels Institute of Science, Technology and Advanced Studies 2019 on 05.09.2019
3. Received “**International Best Researcher Award**” from International American Council for Research and Development Awards 2019 on 30.06.2019.
4. Received “**Dr. A. P. J. Abdul Kalam Life Time Achievement National Award**” from Innovative Research Developers and Publishers Awards 2018 on 28.10.2018.
5. Received “**Excellence Teaching In Higher Education**” from International Women Researchers Connect and Awards 2018 on 08.03.2018 at Bangalore (Radha Hotel)
6. Received “**Best Teacher Award**” on 2009 at Saveetha Engineering College

International Journal Publications : IEEE/SCOPUS Indexed

1. Priya V, Dr.C.Priya,“ **A Cognitive Contemplation of Road Accident Prediction Through Deep Learning**” in International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume 9, Issue 2, pp 1020-27, ISSN 2278-3075, December 2019
2. Jayashree G, Dr.C.Priya,“ **Design of Visibility for Order Lifecycle using Datawarehouse**” in International Journal of Engineering and Advanced Technology (IJEAT), Volume 8, Issue 6, pp 4700-07, ISSN 2249-8958, August 2019
3. Kannan.M, Dr.C.Priya,“ **A Survey on Fault Detection Enabled Optimal Load Balancing Technique by Efficient Utilization of VM in Cloud Computing**” in International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume 8, Issue 7C2, pp 274-79, ISSN 2278-3075, May 2019
4. Kannan.M, Dr.C.Priya,“ **Fault Detection Enabled Optimal of Vehicle Alert and Routing Problem using Hybrid KP-OACO Algorithm for Balancing Load in Cloud Computing**” in International Journal of Engineering and Advanced Technology (IJEAT), Volume 8, Issue 5, pp 274-79, ISSN 2249-8958, June 2019
5. Vidhyalakshmi.A, Dr.C.Priya,“**A Study on Supervised Learning in Medical Image Grading using IoT**” in International Journal of Recent Technology and Engineering (IJRTE), Volume 7, Issue 5C, pp 274-79, ISSN 2277-3878, February 2019

6. Krishnachalitha.K. C, Dr.C.Priya “**A Literature Survey on Hybrid Intrusion Detection System for Wireless Sensor Networks**” in Journal of Advanced Research in Dynamical and Control Systems (JARDCS), Volume 13, Issue 8, pp 2590-98, 2018, ISSN 1943-023X, SNIP 0.294,.
7. Dr.c.Priya and d.Padmapriya, “**Trusted Cloud Computing Platform in IaaS for Closed Box Execution Environment to VM**” in Journal of Advanced Research in Dynamical and Control Systems, volume 10, issue 4, 193-98, 2018, ISSN 1943-023X, SNIP 0.294, UGC Journal No. 26301
8. R.Ranjani and Dr.C.Priya, “**A Fusion of Image Processing and Neural Networks for Lung Cancer Detection Using SVM In Matlab**” in International Journal of Pure and Applied Mathematics, Volume 119, issue 10, 100-111, ISSN 1311-8080(Print), ISSN 1314-3395(Online) 2018 Impact Factor: 7.19, UGC Journal No. 23425
9. Published a paper on “**TaaS: Trust Management Model for Cloud-Based on QoS**” in Journal of Advanced Research in Dynamical and Control Systems, volume 9, issue 18, 1336-45, 2017, ISSN 1943-023X, SNIP 0.294, UGC Journal No. 26301
10. R.Ranjani and Dr.C.Priya, “**A Survey on Face Recognition Techniques: A Review**” in International Journal of Pure and Applied Mathematics, volume 118, issue 5, 253-74, ISSN 1311-8080(Print), ISSN 1314-3395(Online) 2017 Impact Factor: 7.19, UGC Journal No. 23425

Membership

1. International American Council for Research and Development, USA – (IACRD) Membership 30.06.2019 to 29.06.2019
2. Innovative Research Developers and Publishers (IRDP) – **Membership** Mem. No: **2018/02/150**
3. Indian Academic Researchers Association (IARA) - **Life Membership** Mem. No: **136/2018**
4. Indian Society for Technical Education (ISTE) – **Life Membership** Mem.No: **LM 84332**
5. Computer Society of India (CSI) Mem.No: **N1059856**

Reviewer / Editorial Board Member in International Journals

1. Reviewer through easy chair in ICCSEA 2020- GIET University, Gunupur, **Odisha**
2. Reviewer through easy chair in RICE 2020 @ **Thailand**
3. DK International Research Foundation (**DKIRF**) Journals
4. Journal of Emerging Technologies and Innovative Research (**JETIR**) (UGC approved Journal) Member ID is: **114061**
5. International Journal of Innovative Research in Engineering & Multidisciplinary Present-day Sciences(**IJIRMPS**) referral id : **463**
6. International Journal of Creative Research Thoughts (**IJCRT**)(UGC approved Journal) Member id: **111806**
7. International Journal of Latest Technology in Engineering, Management and Applied Science (**IJLTEMAS**)

Resource Person

1. **Technical Talk** – “**Selenium IDE**” in International Conference on Emerging Trends in Intelligent Information Technologies & Applied Mathematics” at The Quaide Milleth College for Men, Chennai, held on 7th & 8th January 2020
2. **Technical Talk** – “**Industry 4.0**” in National Conference on AI and Bigdata for Industry 4.0 at St.Joseph College for Women, irinjilankuda, **Thrissur, Kerela**, held on 27th September 2019
3. **Technical Talk** in International Conference on Emerging Trends in Intelligent Information Technologies & Applied Mathematics” at The Quaide Milleth College for Men, Chennai, held on 18th February 2019
4. Resource Person to DMI College of Engineering for the topic “ **CASE Tools Lab**”, Feb 2012
5. Resource Person to Sri Venkateswara College of Engineering and Technology for the topic “ **Visual Paradigm in UML**”, Feb 2011

Honor

1. **Session Chair** in International Conference on Computer Science, Engineering and Applications (ICCSEA 2020), 13th and 14th March 2020, Gandhi Institute of Engineering and Technology (GIET) University, **ODISHA**
2. **Chief Guest** in International Conference on Emerging Trends in Intelligent Information Technologies & Applied Mathematics” at The Quaide Milleth College for Men, Chennai, held on 7th & 8th January 2020
3. **Technical Chair Person** in International Conference on Technology Innovation and Data Sciences (ICTIDS) 2019” at **Lincoln University, Malaysia** Chennai, held on 7th & 8th January 2020
4. **Technical Chair Person** in International Conference on Emerging Trends in Intelligent Information Technologies & Applied Mathematics” at The Quaide Milleth College for Men, Chennai, held on 7th & 8th January 2020
5. **Technical Chair Person** in International Conference on Emerging Trends in Intelligent Information Technologies & Applied Mathematics” at The Quaide Milleth College for Men, Chennai, held on 18th February 2019
6. **Technical Chair Person** in International Conference on Emerging Trends in Intelligent Information Technologies & Applied Mathematics” at The Quaide Milleth College for Men, Chennai, held on 18th February 2019
7. **Chief Guest** for TEK-GEEKS Association fuction at Sri Kanyaka Parameswari Arts and Science College for Women on 10th September 2018
8. **Judge** for two Events (CRYPTIC ICON, TECHKIT ANIMATION) at Sri Kanyaka Parameswari Arts and Science College for Women on 10th September 2018
9. **Session Chair** in International conference on Innovations and Recent Trends in Computing and Applications, School of Computing Sciences at VELS Institute of Science, Technology and Advanced Studies, 8th and 9th February 2018
10. As a **Judge** in Debugging Event in National Level Technical Symposium at Saveetha Engineering College

Academic Excellence

- **Panel Member** for **Ph.D** and **M.Phil** Entrance Examination(Question Paper Setter) and Oral Examinations at Vels University
- **Departmental Selection Committee Member** for P.hD and M.Phil Scholars at Vels University

- Examiner:**
1. Acting as a Examiner (Internal and External) in Anna University
 2. Acting as a Examiner in many Central Evaluation work in Anna University
 3. Acting as a AUR (Anna University Representative) in SKR Engg. College
 4. Question Paper Setter in various universities like MGR University and Karpagam University.

International Journal Publications(UGC):

1. Kannan.M, Dr.C.Priya, Vaishnavishree.S “**A Comparative Analysis Of DES, AES and RSA Crypt Algorithms For Network Security in Cloud Computing**” in Journal of Emerging Technologies and Innovative Research (JETIR), DOI: <http://doi.one/10.1729/Journal.19997>, Volume 6, Issue 03, pp 574-82, ISSN 2349-5162, March 2019
2. Dr.A.Sasi Kumar, Dr.G.Suseendran, Dr.D.Akila, Dr.C.Priya, “**Computerized Agricultural Storage Manipulation System Using IOT Techniques**” in International Journal of Technical Innovation in Modern Engineering and Science (IJTIMES), e-ISSN(Online): 2455-2585, UGC Approved Journal, Volume 04, Issue 12, December 2018, **Impact Factor : 5.22 (SJIF-2017)**
3. Published a paper on “**TaaS: A Framework for Trust Management in Cloud Computing Environments**” in International Journal of Science and Research, volume 5, issue 9, 1402-05, ISSN 2319-7064(Online), DOI: 10.21275/ART20161879, September 2016. Impact Factor: 6.391
4. Published a paper on “**A Research on Trusted Computing with Secure Resources for Multiple Clouds using Data Coloring**” in International Journal of Innovative Research in Computer and Communication Engineering, volume 3, issue 4, 3654-62, ISSN 2320-9801(Online),ISSN 2320-9798(Print), April 2015. Impact Factor: 4.447
5. Published a paper on “**A Research on Security prospects for Adopting Multiple Clouds through Cloud Computing**” in International Journal of Engineering Development and Research, volume 1, issue 2, 37-43,ISSN 2321-9939(Online), Sep-Oct 2013. Impact Factor: 1.79
6. Published a paper on “**Security Management in Inter-Cloud**” in International Journal of Emerging Trends and Technology in Computer Science, volume 1, issue 3, 233-235,ISSN 2278-6856(Online), Sep-Oct 2012. Impact Factor: 4.413
7. Published a paper on “**A Trust, Privacy and Security Infrastructure for the Inter-Cloud**” in International Journal of Computer Technology and Applications, volume 3, issue 2, 691-695, 2012, 2229-6093, March 2012.

8. Published a paper on “**The Next Generation of Cloud Computing on Information Technology**” in International Journal of Computer Science and Information Technologies, Volume 2, No 5, 2011, ISSN 0975-9646.
9. Published a paper on “**Monitoring System using Smart Phones**” in International Journal of Computer Engineering and Technology (IJCET), Jan 2011 Vol. 1(3), 2011, 0976-6375.

International Conferences IEEE Kolkatta Section:

1. Dr.C. Priya,” Enabling The Efficiency Of Blockchain Technology In Tele-Healthcare With Enhanced EMR”, International Conference on Computer Science, Engineering and Applications(ICCSEA 2020), 13th and 14th March 2020, Gandhi Institute of Engineering and Technology(GIET) University, ODISHA,ISBN 978-1-7281-5828-0
2. Kannan M and **Dr.C.Priya**,” A Survey on Using Immunopathogenesis to Predict Nipah Virus using Machine Learning Techniques”
3. Kannan M, L. William Mary and **Dr.C. Priya**,Dr.R.Manikandan,” Towards Smart City through Virtualized and Computerized Car Parking System using Arduino in the Internet of Things”
4. G.Jayashree and **Dr.C. Priya**,” Data Integration with XML ETLProcessing”,”
5. Vidhya Lakshmi and **Dr.C.Priya**,”Image Enhancement of Metastasis and Acrometastasis Images using Clahe with Weiner Filter

International Conferences:

1. Dr.C.Priya, participated in 2nd International Conference on Recent Trends in Arts, Science, Engineering and Technology (ICRTASET-2019) organized by DKIRF & IACRD held on 20th June 2019 at Dhanalakshmi Srinivasan Hotel, Perambalur, Tamilnadu
2. Krishnachalitha.K. C and Dr.C.Priya, “**A Literature Survey on hybrid Intrusion Detection for wireless sensor Networks**” in International Conference on Applied Science Engineering and Technology (ICASET-18) held on 29th and 30th December 2018 at Pondicherry.ISBN 9781510864702
3. Kannan.M and Dr.C.Priya “**A Survey on fault detection enabled optimal load balancing techniques by efficient utilization of VM in Cloud**” in International Conference on Applied Science Engineering and Technology (ICASET-18) held on 29th and 30th December 2018 at Pondicherry
4. Krishnachalitha K C and Dr.C.Priya, “**Hybrid Intrusion Detection System For Wireless Sensor Network Based On Feature Extraction, Deep learning and Reinforcement Techniques**”, International Conference on Computing Sciences (ICCS),Volume 1, No.1,ISBN 9785581-910217-0-9, pp. 86, 16th &17th November 2018
5. M.Kannan and Dr.C.Priya, “**A survey on fault detection enabled Optimal Load Balancing Technique by efficient utilization of VM in Cloud Computing**” International Conference on Computing Sciences (ICCS), ISBN 978-81-910217-0-9, pp.84, 16th &17th November 2018.
6. R.Ranjani and Dr.C.Priya, “**A Fusion of Image Processing and Neural Networks for Lung Cancer Detection Using SVM In Matlab**” in International conference on Innovations and Recent Trends in Computing and Applications, at VELS

Institute of Science, Technology and Advanced Studies, 8th and 9th Feb 2018.ISBN 978-3-030-03898-4

7. Presented a Paper on “**TaaS: Trust Management Model for Cloud-Based on QoS**” in International Conference on Innovative Research in Science and Technology, Jan 2018.ISBN 978-609-485-018-9
8. R.Ranjani and Dr.C.Priya, “**A Survey on Face Recognition Techniques: A Review**” in International Conference on Innovative Research in Science and Technology, Jan 2018.
9. Presented a Paper on “**SaaS: Customizable business processes without compromising the maintainability in multi-tenant SaaS Applications**” in International Conference on Recent trends in information processing and computing at Nadar Saraswathi College of Arts and Science, Theni, Jan 2012.
10. Presented a paper on “**Bequest Application Migration to Cloud**” in International Conference on Cloud Computing and services at Saveetha Engineering College, December 2011.

National Conference presented 10 papers

.

Achievements

1. Received Best Teacher Award for producing **100% results four times** at Saveetha Engineering College
2. Secured 97% result to MCA course and 90% result to BE[CSE] course in Sri Venkateswara College of Engineering and Technology
3. Secured 100% result to MBA course and 90% result to MCA course in SSIET

Faculty Development Programme, Workshop & Seminar Attended: 60

Co-Curricular Activities:

- ❖ Handled **Soft Skill & Skilledge (ICTACT Academy of Tamilnadu)(Dot Net, OOPs, VB, Oracle & JAVA)** Class to PG Students at SEC, 2010, 2011 & 2012
- ❖ Handled **Placement & Training** class to B.E & B.Tech[IT] at SEC.
- ❖ Handled Distance Education classes in “**Bharathiar University**”, Chennai.
- ❖ Handled Distance Education classes in **Alagappa Univeristy and Anna University**, Chennai

Extra Curricular Activities:

- ❖ **Second place in Lucky draw** at Vels University, March 2018
- ❖ **First place in Dance** (Staff Day) at Saveetha Engineering Collegee, June 2013.
- ❖ **Runner in Cookery** at Saveetha Engineering College Competition, Dec 2011.
- ❖ **Third Place in Cookery Competition** at SEC Competition 2010.
- ❖ **Winner in Carom** in Inter Department Sports Meet- 2007 at SVCET.

(Dr.C.Priya)