

# Sri Sai Ram Engineering College

## Department of Information Technology



Name : **Dr. ADILINE MACRIGA.G**

Designation:

Professor

Qualification :

B.E., M.E., Ph.D

Area of Specialization :

Wireless Networks,  
Mobile Networks

Experience :

Teaching : UG: 25  
PG : 10

No. of workshop / Conferences / FDP attended :

Industry : Nil - yrs  
30

No. of workshop / Conferences / FDP organised:

13

Funded Projects

Publication :

Journal  
National : - 02  
International : - 36  
Conference  
National : - 07  
International : - 30

General :

-

Member, Academic Council, Anna University

Acted as Resource person in FDP's

Reviewer for International Journal &amp; International Conferences

Acted as Chair person in International Conferences

Acted as Jurie in Paper presentation &amp; Project presentation

Staff Achievements: -

1. Outstanding Woman Educator & Scholar Award,  
National Foundation for Entrepreneurship Development (NFED), Coimbatore, Mar'18
2. The best Professor Award, Education today publications, Sep'14

**Experience:(Details)**

S. No	Name of the Institution	Period	No. of Years
01.	Valliammai Polytechnic (SRM Group)	Jun'95 – Aug'97	2
02.	St. Joseph's College of Engineering	Sep'97 – Apr'02	5
03.	Sri Sai Ram Engineering College	Jul'02 – till Date	18 +
Total			25 +

**Workshop/Conferences/FDP attended: (List)**

1. FDP on "Paloalto-Cyber Security Infrastructure Configuration" at St. Joseph's College of Engineering, Chennai, July'19
2. AICTE sponsored 2 weeks FDP on "Data Science and Exploratory Data Analysis with R and Python", at SSEC, Jun'19
3. NPTEL Course on Introduction to Internet of Things, with FDP , Nov'2018
4. Five days Train the trainer Program on "SECURITY INFRASTRUCTURE SPECIALIST", by NASSCOM, Oct-Nov'18
5. Workshop on EAC, Sponsored b NSTEDB, DST, Govt. of India, MAR'2016
6. FDP on "Python Programming", held at SSEC, JUN'17
7. FDP on "Cloud Computing & Bigdata", held at SSEC, DEC'14
8. One day Conference on Networking, ICT Academy of Tamil Nadu, Chennai Trade Centre, Feb'2016
9. Two days workshop on "Tamil computing", Organized by Tamil Virtual University & Anna University, Feb'2016

10. Two days workshop on “PERVASIVE COMPUTING”, held at MIT Campus, ANNA University
11. FDP on “GRAPHICS and MULTIMEDIA”, held at SSEC, Jun’07
12. SDP on “MOBILE NETWORKS”, held at SSEC,
13. One day National workshop on “SPSS and Research Article Preparation” at SSEC, Apr’09
14. Two days Workshop on “CASE WRITING” at SSEC, Mar’06
15. Two days National Conference on “Distributed Systems and Knowledge Engineering” at SSEC, sep’05
16. FDP on COMPUTER ARCHITECTURE”, at SSN College of Engineering, Nov’05
17. Seminar on “Entrepreneurship Awareness Programme”, at SSEC, Feb’05
18. One day Workshop on “ Emerging Issues Related to Environmental Aspects”, at SSEC, Feb’04
19. One day workshop on “ Datawarehousing and Datamining”, at Jerusalem Engineering College, Feb’05
20. STTP on “ Elements of Cryptography in information Security” at SSEC, Feb’03
21. STTP on “ Cryptography and Computer Security”, held at Kongu Engineering College, Oct-Nov’01
22. Two days national Conference on “ Information & Communication Technology”, at SSEC, Mar’07
23. FDP on “Balance of Emotional Intelligence in Working Environment for Teaching Faculty”, at SSEC, Dec’07
24. Attended a course on “ Technical Enhancement Training on Linux Administration”, conducted by Advantage Pro, Jun’03

#### **ONLINE COURSES COMPLETED**

S. No.	Course Name	University	Status
1.	Bitcoin and Cryptocurrency Technologies	Princeton University	Completed
2.	Cryptography I	Stanford University	Completed
3.	Blockchain: Foundations and Use Cases	ConsenSys Academy	Completed
4.	Introduction to Machine Learning	Duke University	Completed
5.	Machine Learning	Stanford University	Completed
6.	Industrial IoT Markets and Security	University of Colorado Boulder	Completed
7.	Blockchain Basics	University at Buffalo & The State University of New York	Completed
8.	Introduction to Blockchain: Evolution and Technology Concepts	Association of International Certified Professional Accountants	Completed
9.	Blockchain and Cryptocurrency Explained	University of Michigan	Completed
10.	'Blockchain Opportunity Analysis'	INSEAD	Completed
11.	'Introduction to Blockchain Technologies',	INSEAD	Completed
12.	'Transacting on the Blockchain',	INSEAD	Completed
13.	'Introduction to the Internet of Things and Embedded Systems’.	University of California, Irvine	Completed
14.	'Neural Networks and Deep Learning',	deeplearning.ai	Completed
15.	'Machine Learning Foundations: A Case Study Approach',	University of Washington	Completed
16.	'Introduction to Deep Learning',	National Research University Higher School of Economics	Completed
17.	'Machine Learning: Regression',	University of Washington	Completed
18.	'Applied Machine Learning in Python',	University of Michigan	Completed
19.	'Cybersecurity and the Internet of Things',	University System of Georgia	Completed
20.	'Introduction to Virtual Reality',	University of London & Goldsmiths, University of London	Completed
21.	The Sustainable Development Goals – A global, transdisciplinary vision for the future	University of Copenhagen	Completed

22.	Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization	deeplearning.ai	Completed
23.	Structuring Machine Learning Projects	deeplearning.ai	Completed
24.	Convolutional Neural Networks	deeplearning.ai	Completed
25.	Sequence Models	deeplearning.ai	Completed
26.	Introduction to Probability and Data with R	Duke University	Completed
27.	Inferential Statistics	Duke University	Completed
28.	The Data Scientist's Toolbox	Johns Hopkins University	Completed
29.	Programming for Everybody (Getting Started with Python)	University of Michigan	Completed
30.	Python Basics	University of Michigan	Completed
31.	Python Functions, Files, and Dictionaries	University of Michigan	Completed

### **Workshop/Conferences/FDP organised: (List)**

1. International conference on “Innovative Computing, Information and Communication Technology” – ICICT’09.
2. International Conference on Information Systems and Computing, ICISC’13
3. National Seminar on Recent Trends in Service Oriented Architecture, Jan’12
4. 2015 IEEE International Conference on “Computing and Communication Technologies” – ICCCT’15
5. 2017 Second International Conference on “Computing and Communication Technologies” – ICCCT’17
6. ISTE Sponsored Orientation Program on “ Ethical Values for Career Growth”, Sep’16
7. Organized Many Mini project Exhibition
8. 2019 Third International Conference on “Computing and Communication Technologies” – ICCCT’19
9. 18th ISTE Tamilnadu Section Engineering Students Convention, Mar’19
10. FDP on “CLOUD SECURITY AND BLOCK CHAIN TECHNOLOGY”, Apr’19 (22/04/2019 – 26/04/2019)
11. International Conference on Computing, Communication and Control” On 28th –29th February 2020
12. Organized TNSCST Sponsored National Workshop on Recent Trends in Machine Learning & Deep Learning (12/12/19 & 13/12/19)
13. **Online** FDP on Cyber Security Techniques and Tools (15/06/2020 – 19/06/2020)

## Funded projects (List)

1. **Artificial Voice Synthesizer using fuzzy logic-The translator for dumb, IEDC/ Department of Science & Technology**

## Publication:(Details)

### Journal Publications

1. Saravana Pandian , Sushil Nathan T.Adiline Macriga, “C-19 Auxilium”, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 05 Issue: 04 | April - 2021  
ISSN: 2582-3930 . <http://ijsrem.com/current-issues/> (UGC Journal)
2. Dr. G. Adiline Macriga. Praveen Kumar R, Sidaardh S, “Support to farmers for getting maximum profit for their produce – A field to Market Application (F-M APP)”, Test Engineering and Management, Volume 83, ISSN: 0193 – 4120, Page No. 13820 13825, March - April 2020.  
<http://www.testmagzine.biz/index.php/testmagzine/article/view/6134/4835>
3. Karpagavalli S, Karthiga S, Adiline Macriga G, “Stress Buster and Depression Relief”, Test Engineering and Management, Volume 83, ISSN: 0193 – 4120, Page No. 13863 - 13867, March - April 2020.  
<http://testmagzine.biz/index.php/testmagzine/article/view/6143/4841>
4. Adiline Macriga. G, M. Fathima Fathila, A. Helen, R. Rijwana, “Automatic Identification And Monitoring System For Fisherman Based On Narrowband And Internet Of Things Communications Systems”, © 2019 JETIR April 2019, Volume 6, Issue 4  
www.jetir.org (ISSN-2349-5162)
5. Adiline Macriga. G, “Prevention Technique For Creating Fake Profiles And Accounts On Websites”, Compusoft, An international journal of advanced computer technology, 7(10), October-2018 (Volume-VII, Issue-X) pp: 2026 – 2830, 2018. <https://ijact.in/index.php/ijact/article/view/744/603>
6. V.Akila, Dr.T.Sheela, **G.Adiline Macriga**, “Efficient Packet Scheduling Technique for Data Merging in Wireless Sensor Networks”, China Communications, Vol. 14, Issue 41, pp: 35-46, 2017.
7. M.R. Yuvaraj, G. Adiline Macriga, S. Veenadhari, “Proxy Based Resource Allocation and Access in Cloud Environment”, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 1, pp:1360-1369,2017
8. C. Vijayakumaran, T. Adiline Macriga and S. Veenadhari, “An Integrated Trust based Inter-Cluster and Intra-Cluster Communication for Secure Multicast Routing in MANETs”, Middle-East Journal of Scientific Research 25 (1): pp 95-101, 2017
9. G. Kumaresan, T. Adiline Macriga and S. Veenadhari, “Vehicle Direction Based Routing for VANET”, Middle-East Journal of Scientific Research 24 (12): pp 3888-3893, 2016.
10. Yamini. R Adiline Macriga. G Anusuya Joel. J, Shruthi Lavanya. S, “Monitoring real time data and

- secure retrieval for Telemedicine systems”, International Journal Of Science And Innovative Engineering & Technology, 2016, pp 1-4.
11. G Kumaresan, T Adiline Macriga, “Group Key Authentication scheme for Vanet INtrusion detection (GKAVIN)”, Springer US, 2016, pp 1 – 11.
  12. G Kumaresan, T Adiline Macriga, “Destination and Moving Direction Based Routing For Vanet”, AISECT University, Volume: 5 / Issue: 9, Mar, 2016  
ISSN: 2278-4187 Published URL:<http://aujournals.ipublisher.in/a/55684>
  13. C. Vijayakumaran, Adiline Macriga. T, “ An Integrated Intrusion Detection and Adaptive False Localization Techniques for MANET’s”, Advances in Natural and Applied Sciences, ISSN: 1995-0772 Vol.9 No. 8, July 2015, pp 15 – 21.
  14. G. Kumaresan, Adiline Macriga. T, “ Signature Based Scheme for Secure and Efficient Data Dissemination in Cluster based VANET”, Australian Journal of Basic and Applied Sciences, ISSN: 1991-8178 Vol. 9 No. 23, july 2015, pp 585 – 595.
  15. M. R. Yuvaraj, Adiline Macriga. T, “Design of Effective Resource Allocation in Cloud Environment”, International Journal of Applied Engineering Research, ISSN 0973 – 4562 Volume 9, Number 24, pp. 30143 – 30156, 2014
  16. M. R. Yuvaraj, Adiline Macriga. T, “ Priority Based Resource Allocation in Hybrid Network Environment”, International Journal of Electronics and Information Engineering, Vol. 3, No. 2, pp 81 – 90, 2015.
  17. Adiline Macriga. G, M. Gowsalya Devi, “pathBeam - Intelligent NetworkDesign for Efficient Available Bandwidth Evaluation for LTE Network Path”, International Journal of Applied Engineering Research, Volume 10, Number 6, pp. 5210 – 5216, 2015.
  18. Uthra K, Harini G.B, Suganya S, T.Adiline Macriga, “Visual Acuity Test In General And Emergency Cases Using Mobile Services”, International Journal of Soft Computing and Artificial Intelligence, Volume-2, Issue-1, May-2014.
  19. Adiline Macriga. G, Kumaresan, “Cluster Based Architecture for Emergency Message Dissemination and Collision Avoidance in VANET”, International Journal of Applied Engineering Research, Volume 9, Number 24, pp. 22203 – 22220, 2014.
  20. Adiline Macriga. G, Vijaya Kumaran. C, “Trust Based Coded Multicast Routing with Secure Authentication in MANET”, International Journal of Applied Engineering Research, Volume 9, Number 24, pp. 27277 – 27290, 2014.
  21. Adiline Macriga. G, Ms.T.Gowthami, “Smart Home Monitoring and Controlling System Using Android Phone”, International Journal of Emerging Technology and Advanced Engineering (IJETA) ISSN 2250-2459, Volume 3, Issue 11, November 2014.

22. C. Vijayakumaran, and T. Adiline Magrica, "An Efficient Adaptive Cache Update Protocol For Mobile Adhoc Networks", AISECT University, Volume: 3 / Issue: 6 Year: Sep, 2014 ISSN: 2278-4187  
Published URL: <http://aujournals.ipublisher.in/a/55615>
23. C. Vijayakumaran, and T. Adiline Magrica, "An Efficient Adaptive Cache Update Protocol for Mobile Adhoc Networks (MANETs)", Association of Computer Electronics and Electrical Engineers(ACEEE), 2013.
24. Adiline Macriga G and Bino. J, "Performance Enhancement By Using Optimum Beamforming Algorithm In Cognitive Network", International Journal of Emerging Technology and Advanced Engineering, Volume 3, Special Issue 1, pp. 297 - 301, January 2013.
25. Adiline Macriga G and Priyadharshini. V, "An Efficient Data Mining for Credit Card Fraud Detection using Finger Print Recognition", International Journal of Advanced Computer Research (ISSN (print): 2249-7277 ISSN (online): 2277-7970) Volume-2 Number-4 Issue-7, pp. 58 – 61, December-2012.
26. Adiline Macriga G and Surya V.S, "Location Management and Resource Allocation Using Load Balancing in Wireless Heterogeneous Networks", Advances in Computer Science and Information Technology. Networks and Communications, Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering Volume 84, pp 383-393, 2012.
27. Adiline Macriga T and Anandha kumar P, 'Mobility management for Seamless Flow of Information in Wireless Networks', European Journal of Scientific Research, Vol. 52, No. 2, pp. 147 – 155, 2011
28. Adiline Macriga T and Anandha kumar P, 'Mobility Management for Seamless Information Flow in a Heterogeneous Networks', Journal of Computer Science, vol. 7, No.3, pp. 2011
29. Adiline Macriga. T and Nisha Devi. T, "A Novel Approach for Optimal Network Selection in Heterogeneous Wireless Networks", International Journal of Computer Communication and Information System (IJCCIS), Vol. 2. No1, 2011.
30. Adiline Macriga T and Anandha kumar P, 'Mobility management for seamless services in a heterogeneous networks', **Journal of Computer Information Systems**, Vol.1, No. 3, ISSN: 2228 5208, pp. 33-40, 2010
31. **Adiline Macriga T** and Anandha kumar P, 'Mobility management for seamless information flow in a heterogeneous networks', **International Journal of Computing Technology**, ISSN: 0976-5956 (October 2010).
32. **Adiline Macriga. T and Nisha Devi. T**, 2011, "A Novel Approach for Optimal Network Selection in Heterogeneous Wireless Networks", The International Joint Journal conference on Engineering And Technology ( IJJCET'10), 2010
33. **Adiline Macriga T** and Anandha kumar P, 'Mobility management for seamless flow of information

using heterogeneous networks’, International **Journal of Management Research and Technology**, **Accepted for publication** in July – Dec 2010 issue .

34. **Adiline Macriga T** and Anandha kumar P, ‘Seamless information flow in a heterogeneous networks using mobility management’, **International Journal of Computer Science and Emerging Technologies**, Vol.1, No. 1, pp. 39-48, 2010.
35. Adiline Macriga T and Anandha kumar P, ‘Mobility management for seamless information flow in heterogeneous networks using hybrid handover’, International Journal on Computer Science and Network Security, Vol.10, No.2, ISSN: 1738-7906, pp. 61-70, 2010.
36. Adiline Macriga T and Anandha kumar P, ‘Seamless data services for real time communication in a heterogeneous networks using network tracking and management’, International Journal on Computer Science and Information Security, Vol.7, No.3, ISSN: 1847-5500, pp. 84-91, 2010.

## **Conferences**

1. Dr. G. Adiline Macriga. Praveen Kumar R, Sidaardh S, “Support to farmers for getting maximum profit for their produce – A field to Market Application (F-M APP)”, International Conference on Computing, Communication and Control” On 28th –29th February 2020 at Sri Sairam College of Engineering Chennai, Tamilnadu.
2. Karpagavalli S, Karthiga S, Adiline Macriga G, “Stress Buster and Depression Relief”, International Conference on Computing, Communication and Control” On 28th –29th February 2020 at Sri Sairam College of Engineering Chennai, Tamilnadu
3. Adiline Macriga. G, S. R. Leoram Siddarth, P. Sivadinesh, “Monitoring real time data and secure retrieval for Telemedicine systems”, International Conference on Smart Systems and Inventive Technology (ICSSIT 2019)” which is going to be held at Francis Xavier Engineering College, Tirunelveli, India during 27-29 November, 2019.

**Publication link:** <https://ieeexplore.ieee.org/xpl/conhome/8966524/proceeding>

4. Adiline Macriga. G, M. Fathima Fathila, A. Helen, R. Rijwana, “Automatic Identification and Monitoring System for Fisherman based on Narrowband and IoT Communication” 2019 Third International Conference on Computing and Communication Technologies (ICCCT’19) on 21<sup>st</sup> and 22nd February, 2019 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai, 2019
5. Kruthiga. K, Anusudha. S, Adiline Macriga. G, “Artificial voice synthesizer using Fuzzy logics, The translator for Dumb”, 2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23<sup>rd</sup> and 24<sup>th</sup> February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai, 2017.
6. S.R. Surya, **Adiline Macriga. G**, “A survey on wireless networks attacks”, 2017 Second

International Conference on Computing and Communication Technologies (ICCCT'17) on 23<sup>rd</sup> and 24<sup>th</sup> February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai, 2017.

7. **Adiline Macriga. G,** C. Vijayakumaran, “An integrated Game Theoretical Approach to detect misbehaving nodes in MANETs”, 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23<sup>rd</sup> and 24<sup>th</sup> February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai, 2017.
8. S R Surya, Dr.G Adiline Magrica, “Semi-Supervised Learning Approach against Sybil Attacks in Wireless Networks Without Trusted Authorities”, International Conference on Recent Trends in Computing and Information Technology, SRM University, Chennai, 2017
9. **Adiline Macriga. G,** M. Gowsalya Devi, “Intelligent Design for Real Time Monitoring and Management of Data Transmission in M2M Environment”, International Conference on Computing, Communications and Technologies (ICCCT'15), Sri Sai Ram Engineering College, Chennai, 2015.
10. **Adiline Macriga. G,** M. Gowsaya Devi, “pathBeam - Intelligent NetworkDesign for Efficient Available Bandwidth Evaluation for LTE Network Path”, ICGPC International Conference", St. Peters University, Chennai, 2015.
11. **Adiline Macriga. G,** Vijaya Kumaran. C, “A Distributed Intrusion Detection System to Thwart Security Attacks in Mobile Adhoc Networks”, 2014 International Conference on “Computing for Sustainable Global Development”, 5th– 7th March, 2014 Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA).
12. **Adiline Macriga. G,** Ms.B.Amudha Bharathi, “Secure Manets From Intrusion Using Hybrid Cryptographic Techniques” in an International Conference on Advances in Engineering, Technology and Management (ICAET<sup>M</sup> - 2014) held at NPR College of Engineering and Technology in Dindigul.
13. **Adiline Macriga. G,** Ms.T.Gowthami, “Mobile Computing Based On Smart Home Monitoring and Controlling” in the National Conference on Communication Signal Processing and IC Design (NCCSPID'14) on 28<sup>th</sup> & 29<sup>th</sup> of March'14 held at Adithya Institute of Technology in Coimbatore
14. Ms.B.Amudha Bharathi, Dr.G.Adiline Macriga, “Secure Manets From Intrusion Using Hybrid Cryptographic Techniques” in an International Conference on Advances in Engineering, Technology and Management (ICAET<sup>M</sup> - 2014) held at NPR College of Engineering and Technology in Dindigul.

15. Ms.T.Gowthami, Dr.G.Adiline Macriga, “Mobile Computing Based On Smart Home Monitoring and Controlling” in the National Conference on Communication Signal Processing and IC Design (NCCSPID’14) on 28<sup>th</sup> & 29<sup>th</sup> of March’14 held at Adithya Institute of Technology in Coimbatore.
16. Adiline Macriga G and Bino. J, “Enhancing the Performance in Cognitive Network”, 2013 International Conference on Green High Performance Computing ICGHPC’13), St. Xavier's Catholic College Nagercoil, Tamilnadu, India.
17. Adiline Macriga G, and Priyadharshini. V, “ An Efficient Data Mining for Credit Card Fraud Detection using Finger print Recognition”, Proceedings of 2nd National Conference on Recent Advancements in Signal Processing and Communication (NCRASPC - 2013), RMK Engineering College, Chennai.
18. Adiline Macriga G and Bino. J, “**Interference Cancellation in Cognitive Network**”, “National Conference”,TTEE’12,Ponjesly College of Engineering, Nagercoil Kanyakumari District.
19. Adiline Macriga G and Bino. J, “**Performance Enhancement in Cognitive Network**”, “National Conference”, ENIAC’12, National Engineering College, Kovilpatti, Virudhunagar District.
20. Adiline Macriga G and Bino. J, “**Performance Enhancement by Using Beamforming in Cognitive Network**”, “National Conference”, NCFCSIT’12, Sri Ramanujar Engineering College,Kolapakkam, Vandalur.
21. Adiline Macriga G and Bino. J, “**Performance Enhancement by Using Optimum Beamforming Algorithm in Cognitive Network**”, “International Conference on Information, Systems and Computing (ICISC’13)”,Sri Sai Ram Engineering College,West Tambaram.
22. Adiline Macriga G and Priyadharshini. V, “An Efficient Data Mining For Credit Card Fraud Detection Using Finger Print Recognition”, Kalasalingam University. 2012
23. Adiline Macriga G, Ujjval, Subramanian, Vignesh R, “MISTIKOS-Secure Data Transmission In Wireless Network”, IEEE Students’ Conference on Electrical, Electronics and Computer Science, 2012.
24. Adiline Macriga G and Surya. V. S, “Location Management And Resource Allocation Using Load Balancing In Wireless Heterogeneous Networks”, TheThird International Conference on Wireless & Mobile Networks(WiMoNe 3.0),Advances in Computer Science and Information Technology(ICST), at Royal Orchid Central, Jan 2-4 2012,Bangalore (SPRINGER)
25. **Adiline Macriga T** and V.S Surya, 2012, “ Location Management and resource Allocation Using Load Balancing in Wireless Heterogeneous networks”, Second International

Conference, CCSIT 2012, Networks and Communications, Springer, Bangalore.

**26. Adiline Macriga T and Nisha Devi. T, 2011, “ A Novel Approach for Optimal Network Selection in Heterogeneous Wireless Networks”, Third International conference on Electronics Computer Technology, (IEEE sponsored Conference), Nagercoil.**

**27. Adiline Macriga T and Anandha kumar P, 2009, “Seamless communication in heterogeneous network”, International conference on Innovative Computing, Information and Communication Technology, SSEC, Chennai.**

ISBN 978-93-80043-49-4

**28. Adiline Macriga T and Anandha kumar P, 2009, “Mobility management for seamless flow of real time information in heterogeneous network”, SCC 2009 – IEEE International Conference on Services Computing, Bangalore, India.**

**29. Adiline Macriga T and Anandha kumar P, 2009, “Seamless Communication in Heterogeneous Networks” International conference on Impact of Economic Crisis in Global Business Scenario, SIMS, Chennai.**

**30. Adiline Macriga T and Anandha kumar P, 2007, “Security in internetworking 3G- WLAN: Challenges and solutions – A proposed approach”, International Conference on Global Business Strategy in Competitive Environment, SIMS, Chennai.**

### **National Journal**

1. **Adiline Macriga T** and Nityanandam N, 'Ubiquitous data services for real time communication in heterogeneous networks', SSEC Tech Journal, Vol.8, ISSN: 0975-2846, pp. 524-527, 2009.

### **National Conferences**

1. Adiline Macriga. G, Charu Preethi. B, Astha Trivedi, "DATA PROTEGERE – A NOVEL ARCHITECTURE FOR SHIELDING DATA IN IOT", National Conference on Recent Trends in Computing and Technology (NCRTCT'18), 2018
2. Adiline Macriga. G, Niranjana.J, "SOCIAL BEHAVIOR OF GLOBAL COMMUNITY IN MANET WITH HUMAN MOBILITY", National Conference on Recent Trends in Computing & Communications (NCTRCC '16), 2016
3. Adiline Macriga. T, Surya V.S, 2012, "Allocation of Resources for reducing Congestion Control in Wireless Heterogeneous networks", 3<sup>rd</sup> National Conference on Issues and trends in Advanced Computing (NITAC 2012), Bannari Amman Institute of Technology, Coimbatore.
4. Adiline Macriga. G, M. Rajalakshmi, R, Rathna Devi, kanika, 2012, "Facile Landwirtschaft – An Agricultural Monitoring System", 5<sup>th</sup> national Conference on Recent Trends in Information and Communication Technology (RTICT 2012), Bannari Amman Institute of Technology, Coimbatore.
5. **Adiline Macriga T** and Alwin Vinoth T, 2012, "Stealthy Attacks Detection in Wireless Adhoc Networks by using SADEC Protocol", 5<sup>th</sup> National Conference on Emerging Advancement in Communication Technologies, (IEEE sponsored Conference), Chennai.
6. **Adiline Macriga T**, Balaji Sunder, Ganesh Muralidharan, Vaiibav Mugundan, 2009, "Seamless mobility in heterogeneous network with location tracking and handover management", 3<sup>rd</sup> National conference on recent trends in Information Technology, Kamaraj College of Engineering and Technology, Virudhunagar.

**7. Adiline Macriga T, “ Secondary Education System in India – Strategy to march towards Leadership”, National Seminar on Educational Leadership, Mar’05**

**Book Published**

1. Computer Programming, Sri Krishna Hitech Publishing Company Pvt. Ltd, April 2014

**Thesis Link**

<http://hdl.handle.net/10603/9825>

**Academic/Professional Membership**

- Life Member, Indian Society for Technical Education (ISTE), New Delhi, Membership No: 25587.
- Member, International Association of Engineers (IAENG), Membership No.114014
- Senior Member, International Association of Computer Science and Information Technology (IACSIT), Membership No. **80344219**
- Senior Professional Member, Institute for Engineering Research and Publication (**IFERP**) Membership No. PMIN73295480