Dr.L.Jegatha Deborah
Assistant Professor & Head i/c
Department of Computer Science and Engineering
University College of Engineering Tindivanam,
Melpakkam - 604001
Contact no:9791579669
Mail. ID :blessedjeny@gmail.com
Doctoral Supervisor Number : 2140121

➢ **Research Area:**

1. Artificial Intelligence

2. Natural Language Processing.

3. Computational Linguistics.

4. Key Management in Network Security

➢ **Educational Qualifications:**

Qualification	Department	Year (From -To)	Percentage	Class
Ph.D.	CSE	2009-2013	NA	NA
M.E	CSE	2003-2005	7.9 [CGPA]	First class
B.E	CSE	1998-2002	76	First class [Distinction]
XII	Bio-Maths	1998	90	-
X	General	1996	89	-

➢ **Experience:**

Name of Company / Institutions	Designation of Post	Sacle of Pay	From	To	Relieved on	Experience in Year
University College of Engineering Tindivanam	Assistant Professor	15600-39100 +6000	20.08.2008	Till date	NIL	12 Years
All Nations University, West Africa	Lecturer	USD 1100	23.01.2007	18.08.2008	18.08.2008	1 Year 6 Mon

Sethu Institute of Technology, Madurai	Lecturer	Rs.12,070	04.05.2005	20.01.2007	20.01.2007	1 Year, 8 Mon
Government Arts and Science College	Lecturer	Rs. 2,500	01.09.2002	21.02.2003	21.02.2003	5 Mon

➤ **Additional / Academic Responsibilities at University:**

1. Head of the Department Incharge for the Department of Computer Science and Engineering from 2008–till date.
2. Class Advisor and mentor for two batch of students.
3. Purchase Committee member for the purchase of hardware equipments for the college and the individual departments.
4. Member of the anti ragging committee for the college.
5. Exam Cell Coordinator (internal examinations) for a period of one year 2012–2013.
6. Appointed as the Chief Superintendent of Anna University Theory examinations for Nov-Dec-Jan 2012 examinations and Apr-May-June 2013 examinations.
7. Youth Red Cross Program Officer from 2009 to till date.
8. Deputy Warden for Girls Hostel from 01-06-2015 to August 2018.

➤ **Professional Activities:**

1. Supervisor for 04 Ph.D. research scholars pursuing research in Anna University, Chennai.
2. Doctoral Committee member for the Ph.D. scholars in Sathyabama University, Chennai and VIT University, Vellore.
3. Delivered a lecture on HTML in the Faculty Development Program on Internet Programming at University College of Engineering Tindivanam on 03-06-2019.
4. Delivered a guest lecture in the School of Cyber Engineering, Xidian University, Xidian, China on 24-05-2018.
5. Guest Editor for the Special Issue on Key Management and Key Distribution for Secure Group Communication in Mobile and Cloud Network, FGCS, Elsevier Journal in 2017.

6. Lead Editor for the Special Issue on Intelligent Machine Learning Algorithms for High Performance Computing, International Journal of Internet Technology and Secured Transactions, Inderscience Publishers in 2017.

7. Guest Editor for Special Issue on Intelligent e-Learning Design and Technologies, The Online Journal of Distance Education and E-Learning in 2017.

8. Speaker for one session in the 4th International Conference on Advanced Research in Engineering and Applied Sciences, SRI College of Engineering and Technology, Vandavasi on 22.03.2017.

9. Speaker in the Faculty Development Program on "Artificial Intelligence", College of Engineering Guindy, Anna University, Chennai on 05.12.2016.

10. Conducted FDP program on "Mobile Computing" during 24-11-2016 to 30-11-2016.

11. Conducted National Level Technical Symposium, "CAPTIOSUS V 2.0" on 16-09-2016.

12. Conducted First International Conference on Recent Trends and Challenges in Computational Models.(ICRTCCM" 16) during 11-2-2016 to 13-2-2016.

13. Participated and exhibited the research project in the Exhibition on Education, Science, Technology and Innovation organized by CTDT, Anna University Chennai held during 24-01-2016 to 26-01-2016.

14. Speaker in the Workshop on "Formulation and Solution of Research Problems", Arunai Engineering College, Tiruvanamalai on 12.01.2016.

15. Participated and Evaluated the research projects in the "Science and Technology Project Exhibition (GENERIC 2015) at Mailam Engineering College, Maliam on 10-10-2015.

16. Delivered a seminar, "Research Challenges in Artificial Intelligence", C.Abdul Hakeem College of Engineering and Technology on19-09-2015.

17. Deleivered a guest lecture, "Data Mining Concepts and Research Issues", IFET College of Engineering, Villupuram on 29-08-2015.

18. Conducted National Level Technical Symposium, "CAPTIOSUS V 1.0" on 28.08.2015.

19. Delivered a lecture on "Research Challenges in Artificial Intelligence", Adhiparasakthi College of Engineering, Kalavai on 01-08-2015.

20. Conducted FDP program on "Programming & Data Structures II" during 08-06-2015 to 14-06-2015.

21. Delivered a guest lecture, "Aritificial Intelligenc" in the Second International Conference on Advanced Research in Engineering and Applied

Sciences, SRI College of Engineering and Technology, Vandavasi on 21.03.2015.

22. Conducted Workshop on "Web services and its applications" on 16-03-2015.

23. Delivered a guest lecture, "Artificial Intelligence" in the 4th International Conference on Futuristic Trends in Electronics Engineering, Thiruvalluvar College of Engineering and Technology, Vandavasi on 07.03.2015.

24. Conducted Workshop on "Android Development and its applications" on 07-03-2015.

25. Conducted Seminar on "Artificial Intelligence and Temporal Models on 13-03-2014.

26. Chief Guest and Speaker in the Department Technical Association Inaugural Function and Guest Speaker, Mailam Engineering College, Mailam on 24.08.2013.

27. Speaker for one session in the FDP Program on "Logic and its applications", University College of Engineering Tindivanam, Tindivanam on 01.07.2013.

28. Chief Guest and Speaker in the Department Technical Association Valedictory Function, Mailam Engineering College, Mailam on 30.04.2013.

29. Speaker for one session in the FDP Program on "Recent Advances in Artificial Neural Networks", Manakula Vinayagar Institute of Technology, Puducherry on 22.04.2013.

30. Conducted Intra College Technical Symposium, "UCETROX" 13" on 11-02-2013.

31. Conducted FDP program on "Artificial Intelligence" during 3-12-2012 to 9-12-2012.

32. Speaker for one session in the FDP Program on "Artificial Intelligence", University College of Engineering Tindivanam, Tindivanam on 03.12.2012.

33. Conducted National Level Technical Symposium, "SERVIDOR2k12" on 28-09-2012.

34. Invited Speaker in the 3rd International Conference on "Futuristic Trends in Electronics Engineering", Thiruvalluvar College of Engineering and Technology, Vandavasi on 28.01.2012.

35. Conducted National Level Technical Symposium, "TECHNOVATION" on 19.08.2011.

36. Invited Speaker – Valedictory Address in National Level Technical Symposium, Globes" 10, VRS College of Engineering and Technology, Villupuram in September-2010.

Abstract – Professional Acitivites

S.No.	Participation Category	Total Number
01.	Doctoral Supervisor	03
02.	Invited Speaker	18
03.	FDP Coordinator	04
04.	International Conference Coordinator	02
05.	Workshop/Seminar	03
06.	Symposium	05
07.	Editor (Special Issue – International Journals)	03

➢ **Membership of Scientific and Professional Societies:**
1. ISTE Life Member

➢ **PhD Research Projects (Ongoing) :**

1. Efficient Storage and Retrieval Technique to Ensure Data Deduplication in Cloud.

2. An Intelligent and Secure IoT based e-learning Management System.

3. An Intelligent Real-Time Traffic Prediction Framework Based On Reinforcement Learning.

➢ **Sponsored Research Activities:**

1. Project Name : Semantic System for Performance Evaluation of E-Learners
   Duration : 1 year
   Role : Principal Investigator
   Agency : Centre for Technology Development and Transfer,
   Anna University Chennai
   Amount : Rs.50,000/-

➢ **Seminar / Short Term Course /FDP/ Workshop attended: (Within India)**

1. DRDO sponsored Three days workshop (2008) on "Image Processing

Applications in Remote Sensing and Surveillance"-IPRO" 08 organized by P.S.R. Engineering College from 12-06-2008 to 14-06-2008. (03 days)

2. DSA sponsored Workshop (2009) "Challenges in Intelligent Web Applications", organized by Anna University, Chennai during 09-03-2009 to 10-03-2009. (02 days).

3. Community Helpline sponsored program (2009) "Convention on Safety in Mobility" organized by Anna University, Chennai on 29-08-2009.

4. TANSACS sponsored Orientation Programme (2009), "Orientation Programme" organized by Anna University Chennai on 10-10-2009. (01 day)

5. Orientation Programme (2010), "Three-day Orientation Programme" organized by Anna University Chennai during 04-02-2010 and 06-02-2010. (03 days)

6. MHRD-ISTE sponsored program (2010), "Database Management Systems", organized by Anna University, Chennai during 13-12-2010 to 23-12-2010. (11 days).

7. DST sponsored workshop (2011), "Grid Computing", organized by Anna University, Chennai during 07-02-2011 to 11-02-2011. (05 days).

8. MHRD sponsored FDP (2012), "Writing Effective Conference Papers", organized by Anna University, Chennai during 18-02-2012 to 19-02-2012.(02 days).

9. FDP program (2012),"Software Engineering", organized by Anna University, Chennai during 07-05-2012 to 13-05-2012. (07 days).

10. AICTE sponsored program (2012), "Data Mining and Knowledge Discovery", organized by Manakula Vinayagar Engineering College, Puducherry during 28-06-2012 to 30-06-2012. (03 days).

11. First International symposium (2014), "Big Data and Cloud Computing Challenges", organized by VIT University Chennai during 27-03-2014 to 28-03-2014. (02 days).

12. FDP program (2014), "Database Management Systems" organized by Anna University, Chennai during 23-06-2014 to 29-06-2014. (07 days).

13. DST – PURSE sponsored workshop (2015), "Recent Techniques in Web Services and Internet Security" organized by Anna University, Chennai during 18-02-2015 to 19-02-2015. (02 days).

14. DST – PURSE Workshop (2015), "Internet of Things (IoT) ", organized by Madras Institute of Technology, Chennai on 04.11.2016. (01 day)

15. TEQIP Sponsored Workshop (2017), "Soft Skills Pedagogy ", organized by Anna University, Chennai during 27.03.2017, 28-03-2017 and 30.03.2017. (3 days)

16. AICTE sponsored Faculty Development Programme (2017), "IoT (Internet of Things) Issues and Challenges", organized by M.A.M. College of Engineering, Siruganur, Trichirapalli during 06.11.2017 to 19.11.2017. (14 days)

17. AICTE sponsored two-week Faculty Development Program on "Smart Grid and Clean Energy Technologies (SGCET-2017)", organized by Pondicherry Engineering College, Puducherry during 11-12-2017 to 22-12-2017. (12 days).

18. Anna University sponsord two-week Faculty Development Program on "Database Management Systems", organized by University College of Engineering Tindivanam, Tindivanam during 26-11-2018 to 07-12-2018. (12 days).

19. NITTTR sponsored short term course on Faculty Deevlopment Program on "Personality Development and NLP", organized by NITTTR, Chennai during 11-03-2019 to 15-03-2019. (05 days).

Abstract – Programmes Attended

S.No.	Nature of the Programme	No. of Programmes Attended
01.	Workshop	06
02.	AICTE Sponsored Faculty Development Program	03
03.	MHRD Sponsored Program	02

04.	Orientation Program	03
05.	Anna University Sponsored FDP	03
06.	Symposium	01
07.	Short Term Course	01

Publications

Google Scholar Citation Abstract

Parameter	Value
Citations [As on 19-07-2020]	572
h-index	10
i-10 index	10

International Journals:

- R.Karthika, **L.Jegatha Deborah**, P.Vijayakumar, "Intelligent e-learning system based on fuzzy logic", Neural Computing and Applications, Springer, Accepted for Publication, 2019.

- P.Vijayakumar, Victor Chang, **L.Jegatha Deborah**, Balamurugan Balusamy, P.G.Shynu,"Computationally Efficient Privacy Preserving Anonymous Mutual and Batch Authentication Schemes for Vehicular Ad Hoc Networks", Future Generation Computer Systems, Elsevier, Volume 78, no.3, pp.943-955, January 2018.

- P Vijayakumar, V Chang, **L Jegatha Deborah**, BSR Kshatriya, "Key management and key distribution for secure group communication in mobile and cloud network", Future Generation Computer Systems, Elsevier, Volume 84,pp.123-125, July 2018.

- M.Azees, P.Vijayakumar, **L.Jegatha Deborah**, "EAAP: Efficient Anonymous Authentication With Conditional Privacy-Preserving Scheme for Vehicular Ad Hoc Networks", IEEE Transactions on Intelligent Transportation Systems, Volume 18, no. 9, pp. 2467 - 2476, September 2017.

- P.Vijayakumar, P.Pandiaraja, Marimuthu Karuppiah, **L.Jegatha Deborah** "An efficient secure communication for healthcare system using wearable devices", Computers & Electrical Engineering, Elsevier, Available online 25 April 2017.

- Pandi Vijayakumar, Maria Azees, Victor Chang, **Jegatha Deborah**, Balamurugan Balusamy, "Computationally Efficient Privacy Preserving

Authentication and Key Distribution Techniques for Vehicular Ad Hoc Networks", Cluster Computing, Volume 20, no. 3, pp.2439–2450,

- R. Manikandan, A. Renga Rajan, **L.Jegatha Deborah**, "QOS routing protocol to detect maximum available bandwidth in WMCs", International Journal of Internet Technology and Secured Transactions, Volume 7, no. 3, 2017.

- P.Vijayakumar, M.Azees, A.Kannan, **L.Jegatha Deborah**, "Dual Authentication and Key Management Techniques for Secure Data Transmission in Vehicular Ad- hoc Networks", IEEE Transactions on Intelligent Transportation Systems, Volume 17, no.4, pp. 1015 – 1028, April 2016.

- M.Azees, P.Vijayakumar, **L.Jegatha Deborah**, "A Comprehensive Survey on Security Services in Vehicular Ad Hoc Networks", IET Intelligent Transport Systems, Volume 10, no. 6, pp. 379 - 388, August 2016.

- P.Vijayakumar, R.Naresh, **L. Jegatha Deborah**, SK Hafizul Islam, "An Efficient Group Key Agreement Protocol for secure P2P Communication", Security and Communication Networks, Wiley, Volume 9, no.17, pp.3952–3965, November 2016.

- P.Vijayakumar, S.Milton Ganesh, **L.Jegatha Deborah**, and Bharat S.Rawal,"A new SmartSMS protocol for secure SMS communication in m-health environment", Computers & Electrical Engineering, Elsevier, Available online 7 December 2016.

- P.Vijayakumar, R.Naresh, **L. Jegatha Deborah**, SK Hafizul Islam, "An Effective Key Distribution for secure internet Pay-TV using access key heirarchies", Security and Communication Networks, Wiley, Volume 9, no.18, pp.5085–5097, 2016.

- S.MiltonGanesh, P.Vijayakumar, and **L.Jegatha Deborah**, "A Comprehensive Survey on Gesture Based Authentication Schemes in Smart Phones", Australian Journal of Basic and Applied Sciences, Volume 10, no. 2, pp. 27-36, 2016.

- **L.Jegatha Deborah**, R.Sathiyaseelan, S.Audithan and P.Vijayakumar, "Fuzzy- logic based learning style prediction in e-learning using web interface Information", Springer – Sadhana – Academy Proceedings in Engineering Sciences", Volume 40, no.2, pp.379–394, April 2015.

- **L.Jegatha Deborah** and P.Vijayakumar, "Fuzzy Model with Learning Approaches for Classification Problem", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Volume 2, no.10, October 2015 [ISSN(online): 2394-3785].

- **L.Jegatha Deborah** and P.Vijayakumar, "A Detailed Analysis of Feature Subset Selection Techniques for Classification Algorithms", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Volume 2, no.9, 2015 [ISSN(online): 2394-3785].

- **L.Jegatha Deborah** and P.Vijayakumar, "Enhanced Detection of Learners Learning Styles for e-learning", International Journal of Technology and Engineering Systems (IJTES), Volume 7, no.2, 2015 [ISSN(online): 0976-1345].

- P.Vijayakumar and **L.Jegatha Deborah**, "ElGamal Cryptosystem based group key management for Peer to Peer Communication", International

Journal of Advanced Research Trends in Engineering and Technology (IJARTET),Volume 2, no.9, 2015 [ISSN(online): 2394-3785].

- P.Vijayakumar and **L.Jegatha Deborah**, "A Detailed Survey on Secure Multicast Group Key Management Schemes" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Volume 2, no.10, 2015 [ISSN(online): 2394-3785].

- **L.Jegatha Deborah**, R.Baskaran and A.Kannan, "Learning styles assessment and theoretical origin in an E-learning scenario: a survey", Springer-Artificial Intelligence Review (AIRE), Volume 42, no.4, pp. 801-819, 2014.

- **L.Jegatha Deborah**, S.Dhivya Lakshmi and A.Bharathi, "Hybrid Clustering Framework Using Concurrences and Constraints", International Journal of Scientific and Engineering Research (IJSER), Volume 5, no.5, pp. 485-493, May 2014[ISSN 2229-5518].

- P.Vijayakumar, S.Bose, A.Kannan and **L.Jegatha Deborah**, "Computation and Communication Efficient Key Distribution Protocol for Secure Multicast Communication", KSII Transactions on Internet and Information Systems, Volume 7, no.4, pp.878 -894, April 2013.

- **L.Jegatha Deborah**, R.Baskaran, and A.Kannan, "Deontic Logic based Ontology Alignment Technique for E-Learning", International Journal of Intelligent Information Technologies (IJIIT), Volume 8, no.3, pp. 56-72, July 2012.

- **L.Jegatha Deborah**, R.Baskaran and A.Kannan "Visualizing Domain Ontology using Enhanced Anaphora Resolution Algorithm", International Journal of Database Management Systems (IJDMS), Volume 3, no.3, pp. 110-123, August 2011[ISSN 0975-5705].

- **L.Jegatha Deborah**, R.Baskaran, A.Kannan and P.Vijayakumar, "Intelligent Agent Based Pair Programming and Increased Self -Efficacy through Prior-Learning for Enhanced Learning Performance", Malaysian Journal of Computer Science (MJCS), Volume 26,no.2, pp. 87 – 100, 2011.

- **L.Jegatha Deborah**, R.Baskaran and A.Kannan "A Survey on Internal Cluster Validity indices", International Journal of Computer Science and Engineering Survey (IJCSES), Volume 1, no. 2, pp.85-102, November 2010.

International Conferences Participated:

- R.Karthika and **L.Jegatha Deborah**, "An Efficient Semantic based Clustering Algorithm for Textual Documents", IEEE International Conference on Circuits and Systems in Digital Enterprise Technology, December 21-22, 2018.

- R.Manikandan, **L.Jegatha Deborah**, and A.RengaRajan, "QOS Routing Protocol to Detect Maximum Available Bandwidth in WMNs", International Conference on Recent Trends and Challenges in

Computational Models (ICRTCCM" 17), UCET, Feb 2017.

- S.MiltonGanesh, P.Vijayakumar, and **L.Jegatha Deborah**, "A Secure Gesture Based Authentication Scheme to Unlock the Smart Phones", International Conference on Recent Trends and Challenges in Computational Models (ICRTCCM" 17), UCET, Feb 2017.

- Rajkumar Chelladurai and **L.Jegatha Deborah**, "Survey: Handling on Difficulties in Internet of Things (IoT) Applications and its Challenges", International Conference on Recent Trends and Challenges in Computational Models (ICRTCCM" 17), UCET, Feb 2017.

- S.MiltonGanesh, P.Vijayakumar, and **L.Jegatha Deborah**, "A Comprehensive Survey on Gesture Based Authentication Schemes in Smart Phones", International Conference on Recent Trends and Challenges in Computational Models (ICRTCCM" 16), UCET, Feb 2016.

- R.Manikandan, **L.Jegatha Deborah**, N.Arul, P.Ashok Kumar and A.RengaRajan, "System of Systems for Observation and Response in Quality-of- Service for Cloud Computing Environments", International Conference on Recent Trends and Challenges in Computational Models (ICRTCCM" 16), UCET, Feb 2016.

- **L.Jegatha Deborah**, M.G.Lavakumar and T.Shenbagavalli, "Semi-Supervised Document Clustering Via Pairwise Constraints", International Conference on Recent Developments in Engineering & Technology 2015, March 2015.

- **L.Jegatha Deborah** and M.Arokiamuthu, "Relationship Pattern Matching And Clustering Based Filtering For Big Data Application", International Conference on Recent Developments in Engineering & Technology 2015, March 2015.

- **L.Jegatha Deborah**, "Intelligent Agent-based Pair Programming for E- Learning", 4th International Conference on Futuristic Trends in Electronics Engineering (ICFTEE 2015), March 2015.

- **L.Jegatha Deborah**, "An Intelligent Agent-based framework for Proactive web services in E-Learning", Second International Conference on Advanced Research in Engineering and Applied Sciences, March 2015.

- **L.Jegatha Deborah**, "Students Performance Evaluation In E-Learning Based on Pair Programming- A Comparative Analysis", International

Conference on Modeling Optimization and Computing (ICMOC 2012), April 2012.

- **L.Jegatha Deborah**, V.Karthika, R.Baskaran and A.Kannan," Deontic based Ontology Matching for Conflict Resolution between Text Documents" 5th International Conference on Information Processing, vol. 157, pp 149-154, August 5-7, 2011. http://link.springer.com/chapter/10.1007%2F978-3-642-22786-18.

- **L.Jegatha Deborah**, R.Baskaran and A.Kannan, "Ontology Construction Using Computational Linguistics for E-Learning", IVIC'11 Proceedings of the Second international conference on Visual informatics: sustaining research and innovations – vol. Part II, pp 50-63, 2011.

  http://link.springer.com/chapter/10.1007%2F978-3-642-25200-6_6.

International Conferences Proceedings Only:

- P.Vijayakumar, M.Azees and **L.Jegatha Deborah**, "CPAV: Computationally Efficient Privacy Preserving Anonymous Authentication Scheme for Vehicular Ad Hoc Networks" Accepted and presented in the2nd IEEE International Conference on Cyber Security and Cloud Computing, New York, USA, 2015.

- **L.Jegatha Deborah**, V.Karthika, R.Baskaran and A.Kannan, "Deontic-based Ontology Matching for Conflict Resolution between Text Documents" 5th International Conference on Information Processing, vol. 157, pp 149-154, August 5-7, 2011.

  http://link.springer.com/chapter/10.1007%2F978-3-642-22786-8_18.

- **L.Jegatha Deborah** and P.Vijayakumar, "Dynamic Ontology Alignment Framework based on Linguistics, Summary and Structures", Eighth International Conference on Data Mining and Warehousing, Accepted for publication in ElsevierProceedings.

  http://www.elsevierst.com/conference_book_download_chapter.php?cbid=78#chapter10.

- **L.Jegatha Deborah**, R.Karthika, S.Audithan and B.Kiran Bala, "Enhanced Expressivity using Deontic Logic and Reuse Measure of Ontologies", Eleventh International Conference on Data Mining and Warehousing, ICDMW 2015 Proceedings of the Eleventh International Conference on Data Mining and Warehousing in Elsevier Procedia Computer Science, vol.54,pp 318-326, 2015.

  http://www.sciencedirect.com/science/journal/18770509/54.

- P.Vijayakumar, **L.Jegatha Deborah** and R.Seshadri, "Efficient Key Management Scheme for securing data in Cloud", International Conference on Intelligent Information Technologies (ICIIT 2014), 2014.

National Conferences:

1. **L.Jegatha Deborah** and P.Vijayakumar "Enhanced Detection of Learners Learning Styles for E-Learning", National Conference on Computing Techniques (NCCT ‚15), pp. 464 – 477, March 2015.

2. S.Senthil Nayaki, **L. Jegatha Deborah**, R. Baskaran and A. Kannan "A Similarity measurement technique for ontology construction in intelligent web based e-learning", National Conference on Advanced Pattern Mining and Multimedia Computing, pp. 112-122, Feb 2010.

3. P.Vijayakumar and **L.Jegatha Deborah**, "Tree based Key Management Scheme for Secure Multimedia Multicast", National Conference on Computing and Applications (NACCA 06), pp. 238 – 244, February 2006.

4. **L.Jegatha Deborah** and G.Hemalatha, "Agent Assisted Web Mining", National Conference on Recent Advances and Future Trends in IT, pp.11-19, February2005.

Books

1. Published the book "Fundamentals of Digital Logic" through All Nations University, Koforidua, in the year 2007.

Book Chapter

1. Published a chapter entitled "**A Novel E-learning Management System for Appropriate Recommendations on the learning contents**" for the book titled "Recent Advances in Intelligent Technologies and Information

Systems" in 2013 under IGI Global Publishers, United States of America, pp. 16-45, Oct 2014, DOI: 10.4018/978-1-4666-6639-9.

2. Published a chapter entitled "**Medical Decision Support System using Data Mining : An Intelligent Health Care Monitoring System for Guarded Travel**" for the book titled "Handbook of Computational Intelligence in Biomedical Engineering and Healthcare" under Elsevier Publishers, Jan 2020. [Accepted for Publication]

Abstract – Research Publications

S.No.	Publications Category	No. of Publications
01.	International Journals	26
02.	International Conference - Participated	13
03.	International Conference – Proceedings Only	06
04.	National Conferences	04
05.	Books	01
06.	Book Chapter	02