

## PROFILE

**Dr. D.I.GEORGE AMALARETHINAM**

**Bursar**

**Director (MCA) & Associate Professor of Computer Science**

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### **Residence:**

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**Educational Qualifications:** M.C.A., M.Phil, PGDBA.,Ph.D.

<b>Degree</b>	<b>Year</b>	<b>College / University</b>
B.Sc (Maths)	1985	St. Joseph's College, Tiruchirappalli
MCA	1988	St. Joseph's College, Tiruchirappalli
PGDBA	1990	Annamalai University
M.Phil (Computer Science)	1996	Regional Engg. College, Tiruchirappalli
Ph.D. (Computer Science)	2007	Bharathidasan University

### **Experience**

: Joined in Jamal Mohamed College, Tiruchirappalli on 06-07-1988  
as Assistant Professor in Computer Science and presently  
**Bursar & Director (MCA)**  
**Associate Professor of Computer Science**  
**Coordinator - Curriculum Development Cell**  
**Coordinator – Department of Visual Communication**

**Areas of Specialization:** Parallel Processing, Operating Systems, Grid Computing,  
Cloud Computing

### **Research Supervision:**

M.Phil.Degree -Awarded	–	<b>54</b>
M.Phil.Degree - Pursuing	–	<b>01</b>
Ph.D. Degree - Awarded	–	<b>15</b>
Submitted	–	<b>02</b>
Pursuing	–	<b>06</b>

### Details of Publications:

- 1) D.I.George Amalarethnam, Dr.S.V.Kasim Raja, Mapping of Task Graph on Hypercube Multiprocessor Systems, *Jamal Academic Research Journal – an interdisciplinary (JARJ)*, Vol. 1, No. 2, 2004, PP. 25-32.
- 2) D.I.George Amalarethnam, Dr.S.V.Kasim Raja, A Low Complexity Task Scheduling Heuristic for Multiprocessor Systems, *PCTE Journal of Computer Sciences*, Vol. 1, Issue 2 July – Dec 2005, PP.23-28.
- 3) D.I.George Amalarethnam, Dr.S.V.Kasim Raja, Static Scheduling of Directed Task Graphs onto Multiprocessor Systems using Genetic Algorithm, *Jamal Academic Research Journal – an interdisciplinary (JARJ)*, Vol. 3, No. 1, January – June 2006.
- 4) D.I.George Amalarethnam, Dr.S.V.Kasim Raja, A Level based duplication scheduling algorithm for Hypercube Multiprocessor system, *Jamal Academic Research Journal – an interdisciplinary (JARJ)*, Vol. 4, January – June 2007, No.1, pp. 23-32.
- 5) T.N.Ravi, D.I.George Amalarethnam, Analysis of Gang Scheduling Strategy with Speedups in Parallel Systems Environment, *Cauvery Research Journal*, Vol. 1, Issue 1, July 2007, pp. 36-41.
- 6) T.N.Ravi, D.I.George Amalarethnam, Performance Evaluation of Job Scheduling Strategies on Parallel Systems, *Jamal Academic Research Journal – an interdisciplinary (JARJ)*, Vol. 4, No.2, Jul-Dec. 2007, pp.25-31.
- 7) T.N.Ravi, D.I.George Amalarethnam, A Simulated Study on Backfilling Technique with Preemptive Job Scheduling Strategy, *ACCST Journal on Applied Science Periodical*, Bihar, Vol. 2, April 2009.
- 8) Dr.D.I.George Amalarethnam, G.J. Joyce Mary, Modified Dynamic Scheduling Algorithm For Multiprocessor System, *International Journal of Engineering and Technology*, Vol. 2, No.2, Dec.2009, pp. 81-87.
- 9) V.Sinthu Janita Prakash, Dr.D.I.George Amalarethnam, Dr.E.George Dharma Prakash Raj, Average Good put and Percentage Loss Analysis For Long Lived TCP Bulk Transfers using QMBCCA in the *International Conference on Advanced Computing*, (ICAC-09) at Cauvery College for Women, Tiruchirappalli, Published by Mcmillan, India on August 2009.

- 10) Dr.D.I.George Amalarethnam, S.Vidya, A Comparative Study of Various Routing Methods in Linux Virtual Server in the *International Conference on Advanced Computing*, (ICAC-09) at Cauvery College for Women, Tiruchirappalli, Published by Mcmillan, India on August 2009.
- 11) T.N.Ravi, Dr.D.I.George Amalarethnam, Evaluation of Job Scheduling in Multiprocessor Environment with Process Interconnect and Genetic Algorithm, *International Conference on Advanced Computing*, (ICAC-09) at Cauvery College for Women, Tiruchirappalli, Published by Mcmillan, India on August 2009.
- 12) G.J. Joyce Mary, Dr.D.I.George Amalarethnam, Dynamic Multiprocessor Scheduling Model for Reconfigurable Mesh Connected System, *International Conference on Advanced Computing*, (ICAC-09) at Cauvery College for Women, Tiruchirappalli, Published by Mcmillan, India on August 2009.
- 13) Dr.D.I.George Amalarethnam, G.J. Joyce Mary, A Survey: Dynamic task scheduling in multiprocessor and the swift embryonic world of parallel computing, *International Journal of Algorithms, Computing and Mathematics (IJACM)*, Vol.3 No.4 November 2010.
- 14) T. Kokilavani, Dr.D.I.George Amalarethnam ,Applying Non-Traditional Optimization Techniques To Task Scheduling In Grid Computing-An Overview, *International Journal on Research and Reviews in Computer Science*, Vol. 1, No.4, December 2010, pp 33-38.
- 15) Dr.D.I.George Amalarethnam , C.Balakrishnan, A Survey on Peer-to-Peer Real time Object Databases”, *International Journal on Research and Reviews in Computer Science*, Vol. 1, No.4, December 2010,pp. 8-15.
- 16) T.N.Ravi, D.I.George Amalarethnam, Evaluation of Speedups of the improvised Job Scheduling Strategies with overriding concept in Parallel Systems, *International Journal on Research and Reviews in Computer Science*, Vol. 1, No.4, December 2010, pp. 125-130.
- 17) V.Sinthu Janita Prakash, Dr.D.I.George Amalarethnam, Dr.E.George Dharma Prakash Raj,Fairness and Percentage Loss Analysis for Short Lived Web Transfers using QMBCCA, *International Journal of Computer Applications*, Vol. 16, No. 2, February 2011, pp. 40-43.
- 18) Dr.D.I.George Amalarethnam, F.Kurus Malai Selvi, The Best-effort based Workflow Scheduling in Grid Computing, *International Journal on Research and Reviews in Computer Science*, Vol. 2, No.1, March 2011, pp. 48-55.

- 19) Dr.D.I.George Amalarethinam, H.Karamath Ali, An Overview of Pervasive Navigation Systems, *International Journal on Research and Reviews in Computer Science*, Vol. 2, No.1, March 2011, pp. 115-119.
- 20) Dr.D.I.George Amalarethinam, P.Muthulakshmi, An Overview of the Scheduling Policies and Algorithms in Grid Computing, *International Journal on Research and Reviews in Computer Science*, Vol. 2, No.2, April 2011, pp. 280-294.
- 21) Dr.D.I.George Amalarethinam, G.J. Joyce Mary, A new DAG based Dynamic Task Scheduling Algorithm (DYTAS) for Multiprocessor Systems, *International Journal of Computer Applications*, Vol. 19, No. 8, April 2011, pp. 24-28.
- 22) T. Kokilavani, Dr.D.I.George Amalarethinam, Load balanced Min-Min algorithm for Static Meta-task scheduling in Grid Computing, *International Journal of Computer Applications*, Vol. 20, No. 2, April 2011, pp. 42-48.
- 23) Dr.D.I.George Amalarethinam, G.J. Joyce Mary, DAGEN - A Tool To Generate Arbitrary Directed Acyclic Graphs Used For Multiprocessor Scheduling, *International Journal of Research and Reviews in Computer Science*, Vol. 2, No.3, June 2011, pp. 782-787.
- 24) V.Sinthu Janita Prakash, Dr.D.I.George Amalarethinam, Dr.E.George Dharma Prakash Raj, QoS Congestion Control AQM Algorithm : A Survey, *International Journal of Advanced Research in Computer Science*, Vol. 2, No. 4, July-August 2011, pp. 38-41.
- 25) Dr.D.I.George Amalarethinam, F.Kurus Malai Selvi, An Efficient Dual Objective Grid Workflow Scheduling Algorithm, *International Journal of Computer Applications*, Vol.33, No. 1, November 2011, pp.7-12.
- 26) Dr.D.I.George Amalarethinam, F.Kurus Malai Selvi, A Minimum Makespan Grid Workflow Scheduling Algorithm, *IEEE*, January 2012, pp.1-6.
- 27) Dr.D.I.George Amalarethinam, P.Muthulakshmi, *DAGITIZER* – A Tool to Generate Directed Acyclic Graph through Randomizer to Model Scheduling in Grid Computing, *Advances in Intelligent and Soft Computing, SPRINGER*, Vol. 167, January 2012, pp.969-978.
- 28) Dr.D.I.George Amalarethinam, F.Kurus Malai Selvi, A Task Duplication Based Efficient Multiobjective Grid Workflow Scheduling Algorithm, *International Journal of Advanced Research in Computer Science*, Vol.3, March 2012, pp.87-92.

- 29) V.Sinthu Janita Prakash, Dr.D.I.George Amalarethinam, Dr.E.George Dharma Prakash Raj, Extended Queue Management Congestion Control Algorithms for TCP Bulk Transfers in Wireless Environment, *International Journal of Scientific & Engineering Research*, Vol. 3, Issue 5, May 2012, pp. 1-7.
- 30) Dr.E.Kirubakaran, D.Ravindran, Dr.D.I.George Amalarethinam, Enhancing the Interactions in an Engineering Job Outsourcing Environment (B2B System), *International Journal of Computer Applications*, Vol. 47, No. 2, June 2012, pp.1-5.
- 31) Dr.E.Kirubakaran, D.Ravindran, Dr.D.I.George Amalarethinam, QoS Based Dynamic Service Composition, *International Journal of Computer Science and Telecommunications*, Vol. 3, Issue 7, July 2012, pp.16-19.
- 32) Dr.D.I.George Amalarethinam , C.Balakrishnan ,An Optimized Strategy for Replication in Peer-To-Peer Distributed Databases, *IEEE*, 2012, pp.266-269.
- 33) Dr.D.I.George Amalarethinam , C.Balakrishnan,A.Charles, An improved Methodology for Fragment Re-allocation in peer-to-peer Distributed Databases, *Springer-Verlag Berlin Heidelberg*, 2012, pp.133-139.
- 34) Dr.D.I.George Amalarethinam,F.Kurus Malai Selvi, Grid Scheduling Strategy using GA (GSSGA), *International Journal of Computer Technology and Applications*, Vol. 3,No.5, September 2012, pp.1800-1806.
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- 38) Dr.D.I.George Amalarethinam, P.H.Maitheen Shahul Hameed Factors Influencing Software Quality in Reflection, *ERA Journal of mathematical Science*, Vol. 7, Issue 3, 2012, pp. 255 – 266.

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- 43) V.Sinthu Janita Prakash, Dr.D.I.George Amalarethinam, Dr.E.George Dharma Prakash Raj, Extended Queue Management Backward Congestion Control Algorithm, *Springer - Mobile Communication and Power Engineering, Communications in Computer and Information Science*, Vol. 296, 2013, pp. 215-221.(Book Series, volume 296)
- 44) T.Kokilavani, Dr.D.I.George Amalarethinam, An Ant Colony Optimization Based Load Sharing Technique for Meta task scheduling in Grid Computing, Springer Link - Advances in Computing and Information Technology, *Advances in Intelligent Systems and Computing*, Vol. 177, 2013, pp. 395 – 404.
- 45) H.Karamath Ali, Dr.D.I.George Amalarethinam, Automatic Construction of Finite Automata for Online recognition of user activities in smart environments, *IOSR Journal of Engineering*, vol. 3, Issue 12, December 2013,pp. 40-45.
- 46) H.Karamath Ali, Dr.D.I.George Amalarethinam, Recognition of Concurrent and Interleaved Activities in a Smart Environment using Finite Automata, *International Journal of Computer Applications*, Vol.88,No.16, February 2014,pp. 41-45.
- 47) Dr.D.I.George Amalarethinam, B.FathimaMary, Security and Privacy Issues in Location Based Services (Lbs) - A Survey, *Elsevier Proceedings*, 2014.

- 48) H.Karamath Ali, Dr.D.I.George Amalarethinam, Detecting Abnormality in Activities Performed by People with Dementia in a Smart Environment, *International Journal of Computer Science & Information Technologies*, Vol.5,No.2, March 2014,pp.2453-2457.
- 49) Dr.D.I.George Amalarethinam, J.Sai Geetha, Add-on Security Level for Public Key Crypto system using Magic Rectangle with Column / Row Shifting, *International Journal of Computer Applications*, Vol. 96, No. 14, June 2014, pp.38-43.
- 50) Dr.D.I.George Amalarethinam, T.Lucia Agnes Beena, Cloud Scheduling – A Survey, *International Journal of Computer Applications*, Vol.97, No.13, July 2014, pp.27-31.
- 51) Dr.D.I.George Amalarethinam, V.Jude Nirmal, Sentiment and Emotion Analysis for Context Sensitive Information Retrieval of Social Networking Sites: A Survey, *International Journal of Computer Applications*, Vol.100, No.10, August 2014, pp.47-58.
- 52) Dr.D.I.George Amalarethinam, P.Muthulakshmi, A Proficient Low Complexity Algorithm for Preeminent Task Scheduling intended for Heterogeneous Environment, *Journal of Theoretical and Applied Information Technology*, Vol.67, No.1, September 2014.
- 53) G.Kalpana, Dr.D.I.George Amalarethinam, Data and Job Aware Community Scheduler Framework for Grid Scheduling Problems, *Research Journal of Applied Sciences, Engineering and Technology*, Vol.8, No.23, 2014, pp.2334-2342.
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- 55) Dr.D.I.George Amalarethinam, C.Balakrishnan, An improved mechanism of clustering the sites for Peer-to-Peer Distributed Databases, *International Journal of Fuzzy Mathematical Archive*, Vol. 5, No. 2, December 2014, pp 57-69.
- 56) H.Karamath Ali, Dr.D.I.George Amalarethinam, OBCAR: An Algorithm for object based Composite activities Recognition in Smart Environments, *International Journal of Emerging Trends & Technology in Computer Science*, Vol.3, No.5, 2014, pp.185-190.
- 57) H.Karamath Ali, Dr.D.I.George Amalarethinam, Activity Recognition with Fuzzy Finite Automata, IEEE Explore, DOI 10.1109/WCCCT.2014.34, 2014.
- 58) Dr.D.I.George Amalarethinam, V.Jude Nirmal, SECCON: A Framework for Applying Access Control Policies in Context-Aware Wireless Networks, IEEE Explore, DOI 10.1109/WCCCT.2014.27, 2014.

- 59) Dr.D.I.George Amalarethnam, J.Sai Geetha, Enhancing Security level for Public key cryptosystem using MRGA, IEEE Explore, DOI 10.1109/WCCCT.2014.32,2014.
- 60) Dr.D.I.George Amalarethnam, A.Maria Josphin, Dynamic Task Scheduling Methods in Heterogeneous Systems – A Survey, *International Journal of Computer Applications*, Vol. 110, No.6, January 2015,pp. 12-18.
- 61) V.Jude Nirmal, Dr.D.I.George Amalarethnam, Parallel Implementation of Big Data Pre-Processing Algorithms for Sentiment Analysis of Social Networking Data, *International Journal of Fuzzy Mathematical Archive*, Vol. 6, No. 2, January 2015, pp 149-159.
- 62) T.Lucia Agnes Beena, Dr.D.I.George Amalarethnam, Analysis of Task Scheduling Algorithm in Fine-Grained and Course-Grained Dags in Cloud Environment, *International Journal of Fuzzy Mathematical Archive*, Vol. 6, No. 2, January 2015,pp 161-168.
- 63) J.Sai Geetha, Dr.D.I.George Amalarethnam, ABCRNG - Swarm Intelligence in Public key Cryptography for Random Number Generation, *International Journal of Fuzzy Mathematical Archive*, Vol. 6, No. 2, January 2015,pp 177-186.
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- 65) Dr.D.I.George Amalarethnam, B.FathimaMary, CRBS-An Architecture for Accessing Location Based Services (LBS) in Cloud,, *International Journal of Fuzzy Mathematical Archive*, Vol. 6, No. 2, January 2015,pp 169-175.
- 66) Dr.D.I.George Amalarethnam, T.Lucia Agnes Beena, Customer Facilitated Cost-based Scheduling (CFCSC) in Cloud, *Elsevier Procedia*, Vol. 46, April 2015,pp.660-667. (Science Direct)
- 67) Dr.D.I.George Amalarethnam, J.Sai Geetha , Image Encryption and Decryption in Public Key Cryptography based on Magic Rectangle, *IEEE Explorer*, 2015,pp.1-6.
- 68) Dr.D.I.George Amalarethnam, J.Sai Geetha, ModBlockExpoA- Enhancement on Speed and Security using Modularization in Public key Cryptography, *International Journal of Applied Engineering Research*, Vol.10, No.14, 2015,pp. 33996-34000.
- 69) Dr.D.I.George Amalarethnam, J.Sai Geetha, Analysis and Enhancement of Speed in Public Key Cryptography using Message Encoding Algorithm, *Indian Journal of Science and Technology*, Vol.8, No.16, 2015,pp.1-7.



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- 71) Dr.D.I.George Amalarethinam, P.H.Maitheen Shahul Hameed, Analysis of Object Oriented Metrics on a Java Application, *International Journal of Computer Application*, Vol.123, No.1, 2015, pp.32-39.
- 72) G.Kalpana, Dr.D.I.George Amalarethinam, Cuckoo Search Based Community Workflow Scheduler Framework For Grid Scheduling with Resource Constraints, *International Journal of Applied Engineering Research*, Vol. 10, No. 4, 2015, pp. 8981 – 9001.
- 73) Dr.D.I.George Amalarethinam, P.Muthulakshmi, Effective Scheduling Based on Task Duplication for Scheduling Parallel Applications in Grid Environment, *Research Journal of Applied Sciences, Engineering and Technology*, Vol.10, No.6, 2015, pp.663-671.
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- 79) Dr.D.I.George Amalarethinam, S.Kavitha, A Survey on Meta Task Scheduling in Cloud Computing, *International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 10, No.82, 2015, pp.262-266.

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- 82) Dr.D.I.George Amalarethinam ,H.M.Leena, Cloud Security Algorithms – A Survey, *International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 10, No.82, 2015, pp.13-18.
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- 84) Dr.D.I.George Amalarethinam, P.Muthulakshmi, Critical Task First Algorithm for Scheduling Parallel Applications in Grid Environment, *International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 10, No.82, 2015,pp.363-373.
- 85) Dr.D.I.George Amalarethinam, J.Sai Geetha ,*MRImgEncA*- Analysis and Enhancement of speed and security in Public key Cryptography for image file, *International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 10,No.82, 2015,pp.176-181.
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- 91) G.Kalpana, Dr.D.I.George Amalarethinam, Data and Job Aware Scheduling for Uncertainty Resource Constraints by Multi-Stage Stochastic Integer Programming, *International Journal of Soft Computing, Medwell Journals*, Vol. 11 ,No. 1,2016, pp.7 – 17.
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- 93) Dr.D.I.George Amalarethinam, J.Sai Geetha, Enhancement of Security in Public Key Cryptography Using Message Encoding With Bit Stuffing, *Jamal Academic Research Journal – an interdisciplinary (JARJ- Special Issue)*, September 2016, pp. 80-85.
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- 96) Dr.D.I.George Amalarethinam,Dr.Anjana S.Chandran, Lalu P.George, A Survey of Cloud Authentication Threats, *Jamal Academic Research Journal – an interdisciplinary (JARJ- Special Issue)*, September 2016, pp. 87-92.
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- 101) Dr.D.I.George Amalarethinam, H.M.Leena, Enhanced RSA Algorithm for Data Security in Cloud, *International Journal of Control Theory and Application*, Vol.9, No.10, 2016, pp.147-152.
- 102) Dr.D.I.George Amalarethinam, T.Kokilavani, Reduced Makespan Task Scheduling Algorithm for Grid Computing, *International Journal of Control Theory and Application*, Vol.9, No.10, 2016, pp.71-76.
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- 85) Dr.D.I.George Amalarethinam ,B.FathimaMary, Data Security Enhancement in Public Cloud Storage using Data Obfuscation and Steganography, *World Congress on Computing and Communication Technologies*(WCCCT 2017), India, February 2-4,2017. **(Included in IEEE Xplore)**
- 86) Dr.D.I.George Amalarethinam, V.Jude Nirmal, Real-Time Sentiment Prediction on Streaming Social Network Data Using In-Memory Processing, *World Congress on Computing and Communication Technologies*(WCCCT 2017), India, February 2-4,2017. **(Included in IEEE Xplore)**
- 87) Dr.D.I.George Amalarethinam, N.Aswin Vignesh, Rule Extraction for Diagnosis of Diabetes Mellitus Used for Enhancing Regular Covering Technique, *World Congress on Computing and Communication Technologies*(WCCCT 2017), India, February 2-4,2017. **(Included in IEEE Xplore)**
- 88) Dr.D.I.George Amalarethinam, A.Maria Josphin, DyDupSA-Dynamic Task Duplication based Scheduling Algorithm for Multiprocessor System, *World Congress on Computing and Communication Technologies*(WCCCT 2017), India, February 2-4,2017. **(Included in IEEE Xplore)**
- 89) Dr.D.I.George Amalarethinam, S.Kavitha, Priority based Performance Improved Algorithm for Meta-task Scheduling in Cloud Environment, *International Conference on Computing and Communication Technologies* (ICCCT '17), India, February 23-24, 2017. **(Included in IEEE Xplore)**
- 90) Dr.D.I.George Amalarethinam, H.M.Leena, Asymmetric Addition Chaining Cryptographic Algorithm (ACCA) for Data Security in Cloud, *International Conference on Big-Data and Cloud Computing* (ICBDCC17), India, April 1-2, 2017. **(Included in SPRINGER)**
- 91) Dr.D.I.George Amalarethinam, J. Madhu Priya, Survey on Data Security in Multi-Cloud Environment, *International Conference On Mathematical Methods And Computation*(ICOMAC-2017),India, December 11,2017.

- 92) Dr.D.I.George Amalarethinam, N.Aswin Vignesh, A New Monotony Advanced Decision Tree Using Graft Algorithm to Predict the Diagnosis of Diabetes Mellitus, *International Conference On Mathematical Methods And Computation(ICOMAC-2017)*,India, December 11,2017.
- 93) Dr.D.I.George Amalarethinam, B.FathimaMary, Security Enhancement for Public Cloud Storage with Minimum Cost, *International Conference On Mathematical Methods And Computation(ICOMAC-2017)*,India, December 11,2017.
- 94) Dr.D.I.George Amalarethinam, H.M.Leena, A Comparative Study on Various Symmetric key Algorithms for enhancing data Security in Cloud Environment, *International Conference On Mathematical Methods And Computation (ICOMAC-2017)*,India, December 11,2017.
- 95) Dr.D.I.George Amalarethinam, Lalu P.George, GLEnc Algorithm to Secure Data in Public Cloud Environment, 4<sup>th</sup> International Conference on Cyber Security and Privacy in Communication Networks (ICCS), Jaipur (Rajasthan), India, October 26-27,2018.  
**(Included in ELSEVIER)**
- 96) Dr.D.I.George Amalarethinam, Lalu P.George,Anjana S.Chandran, Globus Mechanism to Protect Public Cloud Storage, *International Conference On Mathematical Methods And Computation(ICOMAC-2019)*,India, February 20-21,2019.
- 97) Dr.D.I.George Amalarethinam, B.FathimaMary, Comparative Analysis of Obfuscation Techniques in Public Cloud, *International Conference On Mathematical Methods And Computation (ICOMAC-2019)*,India, February 20-21,2019.
- 98) Dr.D.I.George Amalarethinam, H.M.Leena, A Framework of the Deployment of Security Services in Microsoft Azure Cloud Environment, *International Conference On Mathematical Methods And Computation (ICOMAC-2019)*,India, February 20-21,2019.
- 99) Dr.D.I.George Amalarethinam, S.Edel Josephine Rajakumari, A Survey on Security Challenges in Cloud Computing, *International Conference On Mathematical Methods And Computation (ICOMAC-2019)*, India, February 20-21, 2019.
- 100)Dr.D.I.George Amalarethinam, Lalu P.George, GLEncObfus-Encryption and Obfuscation Technique to Enhance Data Protection in Public Cloud Storage, ICAC 2019, Jamal Mohamed College, Trichy December 12, 2019.

**Details of Seminars / Conferences / Workshops Attended:**

- Participated in UGC sponsored Seminar on Trends in Client Server Computing at Shrimati Indira Gandhi College, Tiruchirappalli on 25<sup>th</sup> March and 26<sup>th</sup> March 1997.
- Participated in a two day Seminar on Java and its Applications at St. Joseph's College, Tiruchirappalli on 17<sup>th</sup> September and 18<sup>th</sup> September 1999.
- Participated in a two day Seminar on Research Trends in Information Technology at St. Joseph's College, Tiruchirappalli on 28<sup>th</sup> February 2003 and 1<sup>st</sup> March 2003.
- Participated in State Level Seminar on Research Trends in Concurrent Systems at St. Joseph's College, Tiruchirappalli on 26<sup>th</sup> to 28<sup>th</sup> August 2004.
- Participated in UGC Sponsored State Level Seminar on Emerging Trends in IT at Sri Sarada College for Women, Salem on 15<sup>th</sup> December 2004.
- Participated in the International Workshop on E-Governance at United Nations University, Kathmandu, Nepal on 12<sup>th</sup> Dec. 2005.
- Participated in National Level Seminar on Emerging Trends in IT at Department of Computer Science, Bharathidasan University, Tiruchirappalli on 3<sup>rd</sup> and 4<sup>th</sup> February 2006.
- Participated in UGC Sponsored three day Workshop on Curriculum Development and Evaluation organized by UGC – Academic Staff College, Bharathidasan University, Tiruchirappalli, conducted at Jamal Mohamed College, Tiruchirappalli on 2<sup>nd</sup> to 4<sup>th</sup> March 2006.
- Participated in Emerging Trends in Information Technology, Bharathidasan University, Tiruchirappalli on 03-02-2006 to 04-02-2006.
- Participated in State Level Seminar on Recent Trends in IT at Department of Computer Science, Jamal Mohamed College, Tiruchirappalli on 28<sup>th</sup> March 2006.
- Participated in National Conference on Frontier Research Areas in Computer Science, Bharathidasan University, Tiruchirappalli on 17<sup>th</sup> and 18<sup>th</sup> August 2006.
- Participated in State Level Seminar on Soft Computing, St. Joseph's College, Tiruchirappalli on 22<sup>nd</sup> September 2006.

- Participated in Training of College Teachers on Soft Skill Development, Bharathidasan University Technology Park, Tiruchirappalli on 06.02.2007 to 10.02.2007.
- Participated in Second National Seminar on Information Technology, Department of Computer Science, Bharathidasan University, Tiruchirappalli on 23<sup>rd</sup> and 24<sup>th</sup> February 2007.
- Participated in Second National Conference on Frontier Research Areas in Computing Sciences, Bharathidasan University, Tiruchirappalli on 5<sup>th</sup> & 6<sup>th</sup> October 2007.
- Participated in State Level Workshop on Research Prospects in Data Mining, Department of Computer Science, Jamal Mohamed College, Tiruchirappalli on 22<sup>nd</sup> March 2007.
- Participated in One day workshop on Training of Placement Officers at Jamal Mohamed College, Tiruchirappalli on 30<sup>th</sup> August 2007.
- Participated in Train the Trainer Programme on Soft Skills by ELCOT at Wipro Technologies, Chennai on 20<sup>th</sup> and 21<sup>st</sup> September 2007.
- Participated in Second National Conference on Frontier Research Areas in Computing Sciences, at Bharathidasan University, Tiruchirappalli on 5<sup>th</sup> and 6<sup>th</sup> October 2007.
- Participated in Special Workshop on “Open Source Software” at Bharathidasan University Technology Park”, Tiruchirappalli on 23<sup>rd</sup> and 24<sup>th</sup> January 2008.
- Participated one day workshop on Leveraging Accreditation for Assuring Quality in HEI, organized by CII, Coimbatore on 9<sup>th</sup> September 2011.
- Participated one day workshop on Innovative Curriculum Designing and Evaluation organized by Curriculum Development Cell, Bharathidasan University, Tiruchirappalli on 14<sup>th</sup> August 2015.
- Participated one day workshop on World Class Curriculum in Computer Science – Consultative Workshop organized by Department of Computer Science and Engineering, Bharathidasan University, Tiruchirappalli on 16<sup>th</sup> February 2016.
- Participated a Panel Discussion on Opportunities and Challenges in Higher Education – International & National Perspectives organized by National institute of Technology, Tiruchirappalli on 19<sup>th</sup> September 2016.
- Attended the one day International Workshop on World Class Curriculum Design for Computer Science organized by Department of Computer Science, Engineering and Application, Bharathidasan University, Tiruchirappalli on 28<sup>th</sup> July 2017.

- Participated Two day International Conference on Mathematical Methods and Computation(ICOMAC 2019) organized by Department of Mathematics, Jamal Mohamed College, Tiruchirappalli on 20<sup>th</sup> and 21<sup>st</sup> February 2019.
- Participated one day workshop on Quality Enhancement of Research: New Paradigm in trans-disciplinary approaches and IPR organized by Internal Quality Assurance Cell(IQAC)and Innovation and Incubation Centre Jamal Mohamed College, Tiruchirappalli on 6<sup>th</sup> September 2019.
- Participated Two-Day National Seminar on Emerging Trends in computer science at Government College for Women, Kumbakonam on 13.07.2019 and 14.07.2019.

#### **Conference / Workshop Organized:**

- Organized UGC sponsored (Grants received Rs. 85000) National Conference on Advance Computing (NCAC-2009) at Department of Computer Science, Jamal Mohamed College(Autonomous),Tiruchirapalli held on 27<sup>th</sup> & 28<sup>th</sup> March 2009.
- Organized a Two-day workshop on Research Methodology in Computer Science in Jamal Mohamed College, Tiruchirapalli in February 2010.
- Organized a Two-day workshop on Research Methodology in Computer Science in Jamal Mohamed College, Tiruchirapalli on 21<sup>st</sup> and 22<sup>nd</sup> December 2010.
- Organized a Two-day workshop on Research Methodology in Computer Science in Jamal Mohamed College, Tiruchirapalli on 23<sup>rd</sup> and 24<sup>th</sup> January 2013.
- Organized an International Conference on Advanced Computing (ICAC 2015) under UGC Autonomous Grants at Department of Computer in Jamal Mohamed College, Tiruchirapalli, held on 3<sup>rd</sup> and 4<sup>th</sup> December 2015.
- Organized a Two-day workshop on Professional Development for Academic Leadership in Curriculum Design in Jamal Mohamed College, Tiruchirapalli on 18<sup>th</sup> and 19<sup>th</sup> January 2019.
- Organized a Orientation Programme on Preparing Course Outcomes in the Curriculum Design in Jamal Mohamed College, Tiruchirapalli held on January 03, 2020.

#### **Details of Chairing / Resource Person :**

- Acted as resource person and delivered a Special Lecture on Unix Internals in the Computer Science Association Inaugural Activities at Aiman College of Arts and Science, Tiruchirappalli on 9<sup>th</sup> August 2002.

- Acted as Chairperson in UGC Sponsored State Level Seminar on Emerging Trends in IT at Sri Sarada College for Women, Salem on 15<sup>th</sup> December 2004.
- Acted as resource person and delivered a Special Lecture on Unix Internals in the Computer Science Association at NGM College, Pollachi on 19<sup>th</sup> August 2005.
- Acted as resource person and delivered a special lecture on Recent Trends in IT in the Computer Science Association inauguration at PGP College of Arts & Science, Namakkal on 3<sup>rd</sup> September 2005.
- Delivered a Valedictory Address in the Computer Science Association Activities at Government Arts College, Ariyalur on 23<sup>rd</sup> March 2006.
- Acted as Chairperson for paper presentation event in National Conference on Emerging Trends in IT at Jayaram College of Engg & Technology, Tiruchirappalli on 20<sup>th</sup> September to 22<sup>nd</sup> September 2006.
- Acted as Chairperson for paper presentation in BOOTFETE at Bishop Heber College, Tiruchirappalli on 7<sup>th</sup> October 2006.
- Acted as Chairperson for Multimedia Presentation event in BISFOSS Symposium at Bharathidasan University, Tiruchirappalli on 2<sup>nd</sup> March 2007.
- Inaugurated the Computer Science Association and gave a talk on Scenario of Current Trends in IT at Bishop Heber College, Tiruchirappalli on 28<sup>th</sup> August 2007.
- Chairperson for the Paper Presentation in the National Conference on BioInformatic Tools for Gene & Protein Analysis at Shrimati Indira Gandhi College, Tiruchirappalli on 8<sup>th</sup> September 2007.
- Chairperson for the Paper Presentation in the International Conference on Data warehousing, Data Mining and Networking at Jayaram College of Engineering, Thuraiyur on 4<sup>th</sup> October 2007.
- Acted as resource person for a session on Operating System (Foundation and Current Trends) to the newly recruited College teachers organized by TANSCHS at BUTP, Tiruchirappalli on 12<sup>th</sup> January 2008.
- Chairperson for the Paper Presentation in the National Conference on Artificial Intelligence and Neural Networks, NCAN2008 at SRM University, Chennai on 22<sup>nd</sup> February 2008.
- Inaugurated the Computer Science Association for the year 2008-2009 and gave a talk on “Present Scenario in IT” at St.Joseph’s College, Tiruchirappalli on 10<sup>th</sup> July 2008.

- Inaugurated the Computer Science Association for the year 2008-2009 and gave a special lecture on “Parallel Processing” at Kurinji College of Arts and Science, Tiruchirappalli on 18<sup>th</sup> August 2008.
- Delivered a special lecture on “New Trends in Parallel Processing” at Chidambaram Pillai College for Women, Mannachanallur on 26<sup>th</sup> August 2008.
- Delivered an invited talk on “Genetic Algorithms” in the National Level Conference on Advanced Computing at Thanthai Hans Roever College, Perambalur on 26<sup>th</sup> September 2008.
- Chairperson for paper presentation in the National Conference on Frontiers in IT at Thanthai Hans Rover College, Perambalur on 2<sup>nd</sup> February 2009.
- Chairperson for paper presentation in the National Level Technical Symposium KSHAKTRIYA 09 at School of Computer Science and Engg, BARD on 27<sup>th</sup> February 2009.
- Chairperson for the Paper Presentation Session in the UGC Sponsored International Conference on Mathematical Methods and Computation ICOMAC 2009 at Jamal Mohamed College (Autonomous), Tiruchirappalli on 24<sup>th</sup> and 25<sup>th</sup> July 2009.
- Member of Organizing Committee as National Advisor for the International Conference on Advanced Computing ICAC-09 conducted by Bharathidasan University Technology Park and Cauvery College for Women, Tiruchirappalli, Tamil Nadu, India from 6<sup>th</sup> to 8<sup>th</sup> August 2009.
- Chairperson for the Paper Presentation in the International Conference on Advanced Computing, ICAC 2009 at Cauvery College for Women, Tiruchirappalli on August 2009.
- Chairperson for the Paper Presentation in the National Conference on Emerging Trends in Communication Information Technology (ETCIT’10) at Holy Cross College, Tiruchirappalli on 6<sup>th</sup> and 7<sup>th</sup> January 2010.
- To impart Soft Skills training to the candidates for attending the Job Fair of Kalaigiar 86 at Tiruchirappalli on 9<sup>th</sup> February 2010.
- Chairperson for the Paper Presentation in the Two day National Level Conference on Innovations in IT (NALCIT) organized by Thanthai Hans Roever College, Perambalur on 5<sup>th</sup> March 2010.
- Chairperson for the Paper Presentation in the National Level Seminar on Graph Theory, Algorithms and Modelling, GAM 2010 organized by Dept. of Mathematics at Jamal Mohamed College (Autonomous), Tiruchirappalli on 19<sup>th</sup> March 2010.

- Inaugurated the Computer Applications Association at THRC, Perambalur on 28<sup>th</sup> July 2010 and delivered a talk on Open Source Technologies.
- Inaugurated the IT Association at Bishop Heber College, Tiruchirappalli on 5<sup>th</sup> August 2010 and delivered a talk on Remote Infrastructure Management.
- Delivered an invited talk on Programming Skills at National College, Tiruchirappalli on 12<sup>th</sup> August 2010.
- Delivered an invited talk on Role of Mathematics in Computer Science on 15<sup>th</sup> December 2010 in Dept. of Mathematics at Holy Cross College, Tiruchirappalli -2.
- Delivered an invited talk on Research in Computer Science – A Perspective on 17<sup>th</sup> January 2011 on the Research Day of St. Joseph’s College, Tiruchirappalli – 2.
- Chairperson for the Technical Session on Information Technology and Health Care in the National Conference on Management - in the Age of Innovation - NCM 2011 in Jamal Institute of Management on 25<sup>th</sup> Jan. 2011.
- Delivered a Valedictory Address in the *Softech '11*, an inter-collegiate technical symposium at Pavendar Bharathidasan College of Arts and Science, Tiruchirappalli, on 11<sup>th</sup> February 2011.
- Delivered a talk on “Research concepts in Computer Science” organized by Cauvery College for Women, Tiruchirappalli on 14<sup>th</sup> February 2011.
- Inaugurated the Faculty Development Programme in Computer Science and delivered a talk on “Research Prospects in Computer Science” at St. Joseph’s College Tiruchirappalli on 10<sup>th</sup> June 2011.
- Chairperson for the Paper Presentation in the National Level Technical Symposium, FABULOSH, School of Computer Science, SRM University, Chennai on 16<sup>th</sup> February 2012
- Chairperson for the Paper Presentation in the National Level Technical Symposium, Dept. of Information Technology, St. Joseph’s College, Tiruchirappalli on 17<sup>th</sup> February 2012
- Delivered a Valedictory Address in the *UDTECH 2012*, an inter-collegiate technical symposium at Urumu Dhanalakshmi College, Tiruchirappalli, on 6<sup>th</sup> March 2012.
- Delivered an invited talk on “Genetic Algorithm “ in the UGC Sponsored National Level Seminar on Soft Computing, Kadir Mohideen College, Adirmpatnam on 18<sup>th</sup> March 2012.
- Delivered a talk on “Role of Mathematics in the Area of Computer Science” at Nehru Memorial College, Puthanampatti on 21<sup>st</sup> March 2012.



- Chairperson for the Paper Presentation in the National Conference on Software Engineering at Sacred Heart College, Tirupattur on 31<sup>st</sup> August 2012
- Chairperson for the Paper Presentation in the State Level Technical Symposium, WEBFEST at Holy Cross College, Tiruchirappalli on 29<sup>th</sup> September 2012.
- Delivered a Valedictory Address in the One-day Workshop on Android and its Applications at St. Joseph's College, Tiruchirappalli on 8<sup>th</sup> December 2012.
- Expert committee member to conduct academic audit in Department of Computer Science, Government Arts College for Women (Autonomous), Kumbakonam, July 2013.
- Expert committee member to conduct academic audit in Department of Computer Science, Bishop Heber College (Autonomous), Tiruchirappalli. October 2013.
- Delivered a special lecture on "Parallel Computing" at Aiman College for Women, Tiruchirappalli on 10<sup>th</sup> February 2014.
- Chairperson for the Paper Presentation Session in the International Conference on Mathematical Methods and Computation ICOMAC 2014 at Jamal Mohamed College (Autonomous), Tiruchirappalli on 13<sup>th</sup> & 14<sup>th</sup> February 2014.
- Delivered an Inaugural Address in Cynosure 2K14, an Intercollegiate Technical Symposium at Seethalakshmi Ramaswamy College, Tiruchirappalli on 22<sup>nd</sup> August 2014.
- Chairperson for the Paper Presentation Session in the International Conference on Mathematical Methods and Computation ICOMAC 2014 at Jamal Mohamed College (Autonomous), Tiruchirappalli on 27<sup>th</sup> & 28<sup>th</sup> January 2015.
- Delivered an Inaugural Address in Cyberfest 2015, an Intra collegiate Technical Symposium at Holy Cross College, Tiruchirappalli on 11<sup>th</sup> December 2015.
- Expert committee member to conduct External Academic Audit in Department of Computer Science at Sacred Heart College (Autonomous), Tirupattur, on 14<sup>th</sup> and 15<sup>th</sup> December 2015.
- Expert Member in the Panel Discussion at the Two-Day Workshop on Big Data Analytics and Business Intelligence on 5<sup>th</sup> January 2016.
- Advisor in National Conference on Emerging Technologies in Computer Science (NCETCS 2016), Pondicherry on 29<sup>th</sup> January 2016.
- Acted as resource person for The First International Conference on Innovative Algorithms-ICIA 2017 at Bharathiar University, Coimbatore on August 2017.

- Delivered an invited talk in the One-day National Workshop on Writing Research Thesis and Articles at Sri Vidhya Mandir College of Arts and Science, Uthangarai, Krishnagiri on 12<sup>th</sup> February 2016.
- Moderator in the Panel Discussion and delivered Valedictory Address at the World Class Curriculum in Computer Science - Consultative Workshop at BUTP Tiruchirappalli on 16<sup>th</sup> February 2016.
- Delivered an invited talk in the One-day National Conference on Recent Trends in Computer Science at Saradha Gangadharan College, Pondicherry on 27<sup>th</sup> February 2016.
- Chairperson for the Paper Presentation Session in the International Conference on Computing Communication and Information Science ICCIS 2016 at Bishop Heber College (Autonomous), Tiruchirappalli on 28<sup>th</sup> July 2016.
- Delivered an Inaugural Address in the Two-Day National Seminar on Effective eLearning with Cloud –based Services and LMS at St.Joseph’s College, Tiruchirappalli on 15<sup>th</sup> December 2016.
- Chief Guest in NACOFEST 2K17- A State Level Technical Meet- delivered Valedictory Address and distributed the Prizes at National College, Tiruchirappalli on 3 February 2017.
- Chairperson for the Paper Presentation Session in the International Conference on World Congress on Computing and Communication Technologies WCCCT 2017 at St.Joseph’s College (Autonomous), Tiruchirappalli on 4<sup>th</sup> February 2017.
- Advisor in International Conference on Advancements in Computing Resources (SSICACR-2017), karaikudi on 9<sup>th</sup> & 10<sup>th</sup> March 2017.
- Moderator for Panel Discussion in the International Workshop on World Class Curriculum Design for Computer Science organized by Department of Computer Science, Engineering and Application, Bharathidasan University, Tiruchirappalli on 28<sup>th</sup> July 2017.
- Advisor in First International Conference on Innovative Algorithms-ICIA 2017, Bharathiar University, Coimbatore on August 2017.
- Advisor in National Seminar on Innovative Computing Technologies, Holy Cross College, Tiruchirappalli on 8<sup>th</sup> January 2018.
- Advisor in Two day National Conference on Transforming Technology, Srimad Andavan Arts and Science College, Tiruchirappalli on 24<sup>th</sup> and 25<sup>th</sup> January 2018.

- Chairperson for the Paper Presentation Session in National Conference on Computing and Communication Technologies (NCCCT-2018), Jamal Mohamed College, Tiruchirappalli on 20<sup>th</sup> February 2018.
- Advisor in National Conference on Communication Technologies, Bishop Heber College, Tiruchirappalli on 26<sup>th</sup> February 2018.
- Acted as resource person for a session on Research Avenues in Computer Science, Sacred Heart College(autonomous), Tirupattur on 24<sup>th</sup> August 2018.
- Inaugurated the State Level Intercollegiate Meet- TECHMEET 2018, Fatima College(Autonomous), Madurai on 31<sup>st</sup> August 2018.
- Acted as program committee for the Fourth International Conference on Advanced in Computing, Communication & Automation (ICACCA 2018), Taylor's University, Subang jaya, Malaysia on 26<sup>th</sup> to 28<sup>th</sup> October 2018.
- Expert Member in the Academic Audit in the department of Computer Science, Computer Applications and Information Technology, Cauvery College for Women, Tiruchirappalli on 21<sup>st</sup> September 2018.
- Delivered an Inaugural Address in the CHITS 2019 at Bishop Heber College (Autonomous), Tiruchirappalli on 1<sup>st</sup> March 2019.
- Acted as External Academic Audit at Jayaraj Annapackiam College for Women, Periyakulam on 18.07.2019.
- Acted as Adjudicator at Competition on Models out of E-waste at Shrimati Indira Gandhi College, Tiruchirappalli on 18.10.2019.
- Acted as External Academic Audit at Sacred Heart College, Tirupattur on 20.01.2020.
- Acted as Expert Member at Screening research proposals of faculty members under Seed Money Scheme at Jamal Mohamed College, Trichy on 04.02.2020.

#### **Books Published / Edited:**

- Edited the Proceedings of National Conference on Advanced Computing (NCAC-2015) at Department of Computer Science, Jamal Mohamed College, Tiruchirappalli, held on 27<sup>th</sup> and 28<sup>th</sup> March 2009.
- Data Allocation Strategies in Distributed Database Systems, Scholar's Press, Germany, November 2014, ISBN: 978-3-639-66731-8.

- Edited the Proceedings of International Conference on Advanced Computing (ICAC 2015) at Department of Computer Science, Jamal Mohamed College, Tiruchirappalli, held on 3<sup>rd</sup> and 4<sup>th</sup> December 2015.
- Scheduling Strategies in Grid Computing, Scholar's Press, Germany, August 2016, ISBN: 978-3-659-84261-0.
- Performance Enhancing Workflow scheduling for Cloud, Scholar's Press, Mauritius, 2017, ISBN: 978-620-2-30531-0.
- Secured Communication Mechanism in Public Key Cryptography, Scholar's Press, Mauritius, June 2018, ISBN: 978-620-2-30632-4.
- Advances in Computing and Information Technology, Springer, 2012, ISBN:978-3-642-31551-0. (chapter)
- Advances in Computer Science, Engineering and Applications, Springer, 2012, ISBN:978-3-642-30110-0. (chapter)
- Mobile Communication and Power Engineering, Springer, 2013, ISBN: 978-3-642-35863-0. (chapter)
- Advanced Engineering Research and Applications, Research India Publications, Delhi, June 2017, ISBN: 978-93-86138-58-3. (chapter-26)
- Advanced Engineering Research and Applications, Research India Publications, Delhi, June 2018, ISBN: 978-93-87374-32-4. (chapter-20)
- Advances in Big Data and Cloud Computing, Springer, 2018, ISBN: 978-981-10-7200-0. (chapter)
- Lecture Notes on Data Engineering and Communications Technologies, Springer, 2018. (chapter)
- Design of Algorithms for Data Security in Cloud Environment, Scholar's Press, Mauritius, 2019, ISBN: 978-613-8-91189-0.
- Enhancement of Data Storage Security in Public Cloud Environment, Scholar's Press, Mauritius, 2020, ISBN: 978-613-8-92206-3.
- Scheduling Algorithms in Grid Computing Environment, Scholar's Press, Mauritius, 2020, ISBN: 978-613-8-92218-6.

**Details of Membership in Academic Bodies / Board of Studies:**

- Jamal Mohamed College (Autonomous), Tiruchirapalli in Academic Council and Board of Studies.
- Member, Governing Body, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam 2018-20.
- Member, Academic Council, Cauvery College for Women (Autonomous), Trichy 2019-22.
- Chairman – Board of Studies- Computer Science (PG), Bharathidasan University, Tiruchirappalli, January 2016 – June 2018.
- Nehru Memorial College (Autonomous), Puthanampatti, 2007-2009 & 2015-2017.
- Sree Saraswathi Thiyagaraja College, Coimbatore – 2014-2016.
- Bharathidasan Government College for Women, Pondicherry, 2014-2016.
- Bishop Heber College (Autonomous), Tiruchirapalli, 2010-2012, 2017-19.
- Periyar EVR College (Autonomous), Tiruchirapalli, 2007-2009 & 2009-2011.
- Seethalakshmi Ramaswamy College (Autonomous), Tiruchirapalli, 2009-2011 & 2012-2014.
- AVVM Sri Pushpam College, Poondi, 2009-2011.
- St. Joseph's College (Autonomous), Tiruchirapalli, 2009-2011, 2012-2014 & 2017-19.
- Syllabus Committee Member in TNPSC for MCA recruitment 2008.
- Six years Integrated M.Tech. (Computer Science & Engg), Bharathidasan University, 2008-2010.
- St. Joseph's College (Autonomous), Tiruchirapalli, (Information Technology), 2008-2010.
- St. Xavier's College (Autonomous), Palayamkottai, 2008-2010.
- Govt. Arts College for Women (Autonomous), Kumbakonam, 2007-2009, 2014-2016 & 2017-2019.
- Bharathidasan University (MCA and M.Sc. Comp Science), 2006-2008.
- Holy Cross College (Autonomous), Tiruchirapalli – 2005-2007, 2013-2015, 2015-17 & 2017-19.
- NGM College, Pollachi, 2005-2007.

#### **Details of Membership of Professional Bodies:**

- Life Member of Indian Institute of Public Administration, New Delhi.
- Core Member in the International Research Forum for Computer Science.
- Senior Member, International Association of Computer Science and Information Technology, Singapore.
- Editorial Board Member, International Journal of Digital Content Technology and its Applications, South Korea.
- Reviewer, International Journal of Engineering, Science and Technology, Nigeria.
- Editorial Board Member, International Journal of Convergence Information Technology, South Korea.
- Reviewer, International Journal of Scientific Transactions in Environment and Technovation, India.
- Editorial Board Member, International Journal of Advancements in Computing Technology, South Korea.
- Reviewer, International Journal of Computer Science Issues, Mauritius.
- Reviewer, The Journal of Internet Technology, Taiwan.
- Reviewer, TJCA, UK.
- Reviewer, Future Generation Computer Systems, Elsevier, Netherlands.
- Reviewer, IIE, UK.
- Reviewer, IGI Global eEditorial Discovery, USA.

**Contribution in College Autonomous Committees:**

- Coordinator, Curriculum Cell
- Convener, Academic Council
- Core Committee Member in the NAAC Reaccreditation Process
- Coordinator, International Relations Cell
- Convener, Examinations Committee(2014-16)
- Dean, Faculty of Science (2016-2017)
- Member, Research Committee
- Member, Planning & Evaluation Committee
- Member, Library Committee

- Assistant Editor, Jamal Academic Research Journal – *An Interdisciplinary*
- Coordinator - NIRF Ranking 2018,2019
- Technical Committee Member in the international Academy of Arts, Science & Technology

#### Other Credits:

- Awarded Teacher Fellowship by University Grants Commission, New Delhi – Faculty Improvement Programme for completion of Ph.D. from January 2005 to January 2006.
- **Approved Research Advisor for Ph.D. in Computer Science**  
Bharathidasan University, Tiruchirapalli  
Bharathiar University, Coimbatore.
- Nominated by Vice-Chancellor as **One-man Commission** by Bharathidasan University to visit various Colleges in Bharathidasan University to start M.Phil., MCA, B.Sc., and BCA.
- Nominated by Vice-Chancellor as the **Advisory Committee Member** for the Bharathidasan University Technology Park (**BUTP**) for a period of three years from November 2007.
- Received Distinguished Educational Service Award given by the Management of Jamal Mohamed College on 7<sup>th</sup> February 2011.
- GOVERNING BODY MEMBER TMSSS SINCE 2013.
- Awarded **Jamal Research Excellence Awards – 2019** by the Management of Jamal Mohamed College on 20<sup>th</sup> March 2019.

Countries visited:

NEPAL, USA