

**PROFILE**



**Name** : Dr.S. Selvamuthukumaran

**Date of Birth** : 08-04-1973

**Designation** : **Professor & Director**

**Present Workplace** : Department of Computer Applications,  
**A.V.C. College of Engineering,**  
Mayiladuthurai, Mannampandal,  
Mayiladuthurai District, Tamilnadu,  
India, Pin: 609305.

**Teaching Experience** : **24 Years and 3 Months**  
**(as on January 2020)**

**Educational Qualification** : MCA., PhD

**Certifications** :

- 1 NPTEL Certification on “Data Mining”
- 2 AWS Certification on “Big Data Fundamentals Online”
- 3 Google Certification on “The Online Marketing Fundamentals”
- 4 Classle SkillNet Certified Virtual Classroom Trainer
- 5 IBM-Big Data University Certification on “Big Data Fundamentals“
- 6 IBM-Big Data University Certification on “Hadoop Fundamentals I”
- 7 Cognitive Class Certificate on “Big Data 101”
- 8 PTC-IOT University certification on “Unpacking the Internet of Things”
- 9 PTC-IOT University certification on “A Simple Framework for Designing IoT Products”
- 10 PTC-IOT University certification on “ New Business Markets in the Internet of Things “
- 11 DAX Certified Network Engineer(DCNE)

**Mobile** : **+91-9842599598**

**E-mail** : smksmk@gmail.com

**Passport Number** : H7499497

**Subjects Taught** : Big Data Analytics  
Internet of Things  
Cloud Computing  
Artificial Intelligence  
Data Mining

**Research Supervisor**

: Anna University, Chennai, TamilNadu, India.  
(Ref. No: 2770001)

Bharathiar University, Coimbatore, TamilNadu, India.  
(Guide ID Number : COS-GU3289)

PRIST University, Tanjore, TamilNadu,India.  
(Ref No.:PRIST/CRD/RS/Computer Application/2011  
dt.30-07-2011)

Annamalai University, Tamilnadu, India

**PhD Guidance**

: **Guided: 03, Guiding: 08**

<b>S.No</b>	<b>Role</b>	<b>Name of the Research Scholar</b>	<b>Title of the Thesis / Area of Research</b>	<b>University</b>	<b>Year of Completion / Status</b>
1.	Supervisor	K.M.Ponnmoli	Investigations and Performance Enhancements in Face Recognition Phases	PRIST University India	2015
2.	Supervisor	S.Subbaiah	Algorithms for Enhancing Intelligence Based Service Level Agreement towards Secured Cloud Environment	PRIST University India	2015
3.	Co-Supervisor	N.Rajganesh	Fuzzy based Intelligent Semantic Cloud Service Discovery for Efficient Utilization of Services	Anna University India	2018
4.	Supervisor	M.Soundararajan	Investigations and Assessment of Human Face Recognition based Authentication System using Novel Techniques	PRIST University India	Thesis Submitted
5.	Supervisor	N.Revathi	Investigations on Face Recognition in Three dimensional Images	Bharathiar University India	Thesis Submitted
6.	Supervisor	J.Rejinamary	Investigations of Iris Recognition Using Efficient Techniques	Bharathiar University India	Thesis Submitted
7.	Co-Supervisor	V.Padmavathi	Study and Analysis towards providing Adaptive QoS for differential services over IOT Networks	Annamalai University India	Doing
8.	Supervisor	S.Bharathiraja	Wireless Sensor Networks	Anna University India	Doing

S.No	Role	Name of the Research Scholar	Title of the Thesis / Area of Research	University	Year of Completion / Status
9.	Supervisor	C.Mallika	Big data Analytics	Anna University India	Doing
10.	Supervisor	S.Suganya	Big Data Analytics	Anna University India	Doing
11.	Co-Supervisor	R.Sudha	Intelligent Resource Management in Smart Home IoT devices using Meta Heuristic Algorithms	Annamalai University India	Doing

#### Acted as Examiner for Thesis Evaluation / Viva-Voce

- Botswana International University of Science and Technology, Botswana, BW
- Anna University, Tamilnadu, India
- Visvesvaraya Technological University, Karnataka, India
- Thiruvalluvar University, Tamilnadu, India
- PRIST University, Tamilnadu, India

**Sponsored Student Research Project Guided** : "A new video compression technique based on Transform coding"  
Sponsored by **Institution of Engineers (I), Kolkatta**

#### Grants Received

S.No	Name of the Scheme	Sponsored by	Role	Amount	Academic Year	Duration
1.	<b>MODROBS</b> – Software Reliability and Quality Testing Lab	AICTE, New Delhi	Principal Investigator	Rs 5 Lakhs	2011-12	1 year
2.	<b>Seminar Grant</b> – Open Source Cloud Computing Solutions	AICTE, New Delhi	Coordinator	Rs 50,000/-	2012-13	4 days
3.	<b>FDTP</b> - Data Warehousing & Data Mining	Anna University, Chennai	Coordinator	Rs 80,000/-	2012-13	7 days

S.No	Name of the Scheme	Sponsored by	Role	Amount	Academic Year	Duration
4.	FDTP- Advanced JAVA Programming	Anna University, Chennai	Coordinator	Rs 90,000/-	2013-14	7 days

#### Web Information:

- **Publons Researcher ID** : S-7628-2017
- **Scopus Author ID** : 55532064500
- **ORCID ID** : 0000-0002-4820-7006

#### Journal Publications:

- 1 R. Sudha, G.Indirani, S.Selvamuthukumar, "Hybridization of Improved Shuffled Frog Leaping Algorithm with Elastic Neural Network for Fog Enabled Cloud based Intelligent Resource Management", Journal of Green Engineering, Vol. 10, Issue. 10, pp. 7602-7620, **ISSN : 1904-4720**.
- 2 V.Padmavathi, R. Saminathan, S. Selvamuthukumar, "An Adaptive QoS Provisioning Approach on Variable User Services using Firefly Swarm Intelligence over IoT Networks", International Journal of Advanced Science and Technology, Vol. 29, No. 5, 2020, pp. 13792 – 13800, **ISSN : 2005-4238**.
- 3 Selvamuthukumar.S, Ramkumar.T, Shantharajah SP, "An optimized rubber sheet model for normalization phase of IRIS recognition", Computer Science and Information Technologies, 2020, Vol. 1, No. 3, 2020, pp. 126~134. **ISSN : 2722-3221**.
- 4 V.Padmavathi, R. Saminathan, S. Selvamuthukumar, "An opportunistic route prediction approach over IoT network for reactive QOS support and differential services (ORPI)", International Journal of Advanced Research in Engineering and Technology, 2020, vol. 11, Issue 8, pp. 427-438. **ISSN : 0976-6480**.
- 5 V.Padmavathi, R. Saminathan, S. Selvamuthukumar, "Effective clustering based LEACH algorithm for efficient routing in Internet of Things (IoT)", Journal of Seybold Report, 2020, Vol. 15, Issue 9, pp: 1376-1386. **ISSN : 1533-9211**.
- 6 C.Mallika, S.Selvamuthukumar, "Privacy Protected Medical Data Classification in precision medicine using an Ontology-based Support Vector Machine in the Diabetes Management System", International Journal of Innovative Technology and Exploring Engineering, 2019, Vol.9, Issue.15, pp. 334- 342. **ISSN: 2278-3075**.
- 7 S.Bharathiraja, S.Selvamuthukumar, V.Balaji, "Manets Trust Based Data Security and Secure Anonymous Routing", International Journal of Recent Technology and Engineering, 2019, Vol.8, Issue.4, pp. 9667-9674, **ISSN : 2277-3878**.
- 8 S Suganya, S Selvamuthukumar, S Swaminathan, V Kalaichelvi, "Securing Hadoop Distributed File System using Intelligence based Sensitivity bits", Journal of Physics: Conference Series, 2019, Vol.1362, Issue. 1, pp. 1-6. **ISSN: 1742-6588**.

- 9 M. Soundararajan, Dr.S.Selvamuthukumar, "An Examination on Connection Computations In Template Matching Technique For Personality Certification", The International journal of analytical and experimental modal analysis, 2019, Vol. XI, Issue. IX, pp. 3217- 3227. **ISSN: 0886-9367.**
- 10 N. Revathi, S.Selvamuthukumar, "Face Recognition Using Enhanced Kernel Based SVM Classification for Matching", International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 2018, Vol.3, Issue.6, pp. 11-16, **ISSN: 2456-3307.**
- 11 J.Rejinamary, S.Selvamuthukumar, "Hybrid Algorithm for Matching Template in Iris Recognition System", International Research Journal of Science Engineering and Technology, 2018, Vol.8, Issue.1, pp.27-37, **ISSN: 2454-3195.**
- 12 N.Revathi, S.Selvamuthukumar, "3D Face Recognition Using Optimal Contrast Enhancement for Normalization", Journal of Advanced Research in Dynamical and control systems, 2018, Spl.Issue.6, pp. 651-657, **ISSN: 1943-023X.**
- 13 J.Rejinamary, S.Selvamuthukumar, "Homogeneous Daugman's Rubber-Sheet Model Using Otsu's Method for Iris Recognition", Advanced Research in Dynamical and control systems, 2018, Spl.Issue.6, pp. 658-663, **ISSN: 1943-023X.**
- 14 Rajganesh Nagarajan, Ramkumar Thirunavukarasu, Selvamuthukumar Shanmugam, "Cloud Broker Framework for Infrastructure Service Discovery Using Semantic Network ", International Journal of Intelligent Engineering and Systems, 2018, Vol.11, No.3, pp 11-18, **ISSN: 2185-3118.**
- 15 S.Bharathiraja, S.Selvamuthukumar, V.Balaji, "Clustering Formation Using Brain Storm optimization algorithm", International Journal of Advance Research in Science and Engineering, 2018, Vol. 07, Spl, Issue: 06, pp 22-28, **ISSN: 2319-8354.**
- 16 Rajganesh Nagarajan, Ramkumar Thirunavukarasu, Selvamuthukumar Shanmugam, "A Fuzzy-Based Intelligent Cloud Broker with MapReduce Framework to Evaluate the Trust Level of Cloud Services Using Customer Feedback ", International Journal of Fuzzy Systems, **Springer**, 2018, Vol.20, Issue:1, pp 339-347, **ISSN: 1562-2479 (Print) 2199-3211 (Online).**
- 17 M.Soundararajan, S.Selvamuthukumar, "Feature Extraction using various Pose Angles in Three Dimensional Face Recognition", International Journal of Applied Engineering Research, 2017, Vol.12, Issue:21, pp 10797-10801, **ISSN: 0973-4562.**
- 18 M.Soundararajan, S.Selvamuthukumar, "Investigation on Normalization phase in Three dimensional Face Recognition System", Journal of Advanced Research in Dynamical and control systems, 2017, Issue:06, pp 2033-2046, **ISSN: 1943-023X.**
- 19 S.Bharathiraja, S.Selvamuthukumar, "Fuzzy logic and Grey wolf optimizer based energy efficient protocol In Wireless sensor networks", Global Journal of Pure and applied Mathematics, 2017, Vol.13, No.2, pp 626-640, **ISSN: 0973-1768.**
- 20 C.Mallika, S.Selvamuthukumar, "Big data analytics linked to Cloud infrastructure to support knowledge management", Global Journal of Pure and applied Mathematics, 2017, Vol.13, No.2, pp 964-974, **ISSN: 0973-1768.**

- 21 K.M.Ponnmoli, S.Selvamuthukumar, "Modified Dynamic Matching Algorithm with Lone Diagonal Sorting for Face Recognition", International Journal of Printing, Packaging & Allied Sciences, 2016, Vol.4, Issue 1, pp 223-233, **ISSN: 2320-4387**.
- 22 M.Soundararajan, S.Selvamuthukumar, 'Robust three dimension Face segmentation using Vector Colour and Depth Analysis', International Multidisciplinary Research Journal, 2015, Vol.5, Issue 6, pp 1-15, **Impact Factor: 3.4052, ISSN: 2230-5063**.
- 23 S.Subbiah, S.Selvamuthukumar, 'Creating Hierarchical User Profile For Privacy Protection In Personalized Web Search', Paripex Indian Journal of Research, 2015, Vol.4, Issue 9, pp 282-284, **Impact Factor: 3.4163, ISSN: 2250-1991**.
- 24 S.Subbiah, S.Selvamuthukumar, 'Distributed Data Security For Data Prevention In Cloud Computing Using One Time Password For User Authentication', Journal of Environmental Science, Computer Science and Engineering & Technology, 2015, Vol.4, No.3, pp 752-758, **SJIF Impact Factor: 4.296, E-ISSN: 2278-179X**.
- 25 K.M.Ponnmoli, S.Selvamuthukumar, 'Frontal Face Recognition Using Combination of Feature Extraction And String Matching', International Journal of Applied Engineering Research, 2015, Vol.10, No.4, pp 11145-11160, **ISSN: 0973-4562**.
- 26 S.Selvamuthukumar, S. Hariharan, T.Ramkumar, 'Investigation on IRIS Recognition System Adopting Cryptographic Techniques', The International Arab Journal of Information Technology, 2015, Vol.12, Issue 1, pp 1-8, **Impact Factor: 0.37, ISSN: 1683-3198**.
- 27 S.Subbiah, S.Selvamuthukumar, T.Ramkumar, 'An Approach for Enhancing Secure Cloud Storage Using Vertical Partitioning Algorithm', Middle-East Journal of Scientific Research, 2015, Vol. 23, No. 2, pp 223-230, **ISSN: 1990-9233**.
- 28 K.M.Ponnmoli, S.Selvamuthukumar, 'Robust Image Normalization Using H-Connection Technique for Face Recognition', International Journal of Scientific Research', 2014, Vol. III, Issue X, pp 102-107, **Impact Factor: 1.8651, ISSN 2277-8179**.
- 29 K.M.Ponnmoli, S.Selvamuthukumar, 'Analysis of Face Recognition using Manhattan Distance Algorithm with Image Segmentation', International Journal of Computer Science and Mobile Computing, 2014, Vol. 3, Issue. 7, pp 18 – 27, **ISSN: 2320-088X**.
- 30 S.Subbiah, S.Selvamuthukumar, T.Ramkumar, 'Enhanced Survey and Proposal to secure the data in Cloud Computing Environment', International Journal of Engineering Science and Technology, 2013, Vol. 5 No.01, pp 49-53, **ISSN : 0975-5462, IC 3.14**.
- 31 T. Ramkumar, S. Hariharan, S.Selvamuthukumar, 'A survey on mining multiple data sources', Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2013, Vol. 3, Issue 1, pp 1-11, **Impact Factor: 1.594, Online ISSN: 1942-4795**.
- 32 S.Selvamuthukumar, S.Ramanathan, 'A Study on Grid Computing', Asia Pacific Journal of Research, 2013, Vol. II, Issue X, pp 142-146, **ISSN: 2320-5504, Impact Factor: 0.4337**.
- 33 S.Ramanathan, S.Selvamuthukumar, 'Knowledge Management for Performance Excellence', International Journal of Research in Computer Application & Management, 2011, Vol.1, no.6, pp 35-38, **ISSN : 2231 -1009**.

- 34 T.Ramkumar, S.Selvamuthukumar, S. Hariharan, S.Sundar, 'User and Application Independent Voice-Enabled Browser', The IUP Journal of Information Technology, 2011, Vol.7, No.4, pp 39-48, **ISSN: 0973-2896.**
- 35 S.Hariharan, T.Ramkumar, S.Selvamuthukumar, 'Identifying Relevant Snippets from Ranked Web Documents', The IUP Journal of Computer Sciences, 2011, Vol.5, No.3, pp 47-56, **ISSN: 0973-9904.**
- 36 S.Selvamuthukumar, N.Malmurugan, 'Investigation on optimization in Iris segmentation phase of Iris recognition', Journal of Applied Computer science & Mathematics, 2010, Vol.4, No.2, pp 41-44, **ISSN: 2066-4273.**
- 37 S.Selvamuthukumar, M.Senthilmurugan, N.Malmurugan, 'Segmentation in Iris Localisation', International Journal of Emerging Technologies and Applications in Engineering, Technology and Science, 2009, Vol. 2, No. 2, pp 302-304, **ISSN: 0974-3588.**
- 38 M.Senthilmurugan, S.Selvamuthukumar, N.Malmurugan, 'EEG based Brain-Computer Interface for Classification Algorithms on Asynchronous Interface', International Journal of Emerging Technologies and Applications in Engineering, Technology and Science, 2009, Vol .2, No.2, pp 311-316, **ISSN: 0974-3588.**
- 39 S.Selvamuthukumar, 'Optimization in Iris Recognition', Journal of Computer Applications, 2009, Vol.2, No. I, pp 41-42, **ISSN: 0974-1925.**
- 40 S.Ramanathan, D.Nisar Ahmed, S.Selvamuthukumar, 'Economic Facets of Information Technology', IJPE Journal of MT & Management, 2008, Vol 2, No.2, pp 45-46.
- 41 D.Nisar Ahmed, S.Ramanathan, S.Selvamuthukumar, 'Design of ICT in Health Care Services', IJPE Journal of MT & Management, 2007, Vo1 1, No.1, pp 81-82.
- 42 S.Selvamuthukumar, 'Implementation of Reusable Software Agents for SCM', Engineering Today, 2007, Vol. 9, No. 11, pp 11- 15, **ISSN: 0974-8377.**

**Book Publication:**

Chapter on " Survey on Techniques Used in Iris Recognition Systems" in **Image Analysis and Modeling in Ophthalmology**, Edited by: Eddie Y. K. Ng, U. Rajendra Acharya, Jasjit S. Suri, Aurelio Campilho, CRC Press, London, 2014, pp:227-244. **ISBN: 9781466559301.**

**Article Publication in Magazine:**

- 1 "Current Trends in Banking Industry", TRINITY MIRROR, March 2008.
- 2 "Mobile Banking in India", TRINITY MIRROR, April 2010.
- 3 "IT Applications in Banking - Trends and Future Outlook", TRINITY MIRROR, March 2014.
- 4 "C Cleaner", Tamil Computer, October 2015.

**Conferences/Seminars/Workshops attended / Papers presented :**

Sl. No.	Name of the Event	Place & Date	Title of Paper presented
1	Online Global Technology Forum 2020	ICT Academy, Chennai 14-17 October 2020	-
2	National Seminar on Emerging Technologies in Computer Science and Applications.	Shree Raghavendra Arts and Science College, Chidambaram, Tamilnadu. 21 February 2020	Page Rank Computation Algorithms – A Review.
3	AICTE sponsored Two Week FDP on High performance Computing, Grid and Cloud Computing.	New Horizon College of Engineering, Bengaluru, Karnataka. 02-14 December 2019	-
4	AICTE sponsored International Conference on Emerging Intelligent Technologies and Applications (EITA 2K19)	R.M.D. Engineering College, Chennai, Tamilnadu. 23-25 October 2019	Privacy Protected Medical Data Classification using an Ontology Based Support Vector machine in Diabetes management Systems
5	ICT Academy CSR Convergence 2019	ICT Academy, Chennai. 27 August 2019	-
6	AWS AWSOME DAY Online Conference	Amazon Web Services 31 May 2018	-
7	Modeling, Analysis & Simulation Techniques in Engineering Research (MASTER'18).	A.V.C. College of Engineering, Mayiladuthurai. 23 March 2018.	Clustering Formation using Brain Storm Optimization Algorithm
8	2018 IEEE International Conference on Current Trends towards Converging Technologies.	SVSC College of Engineering, Chennai. 01-03 March 2018	Hadoop Distributed File System Security – A Review.
9	AWS INNOVATE Online Conference. Special edition - Machine Learning	Amazon Web Services 22 February 2018	--
10	National Conference on "Quality Assurance, Accreditation & Ranking of Engineering Institutions: Challenges & Opportunities"	Education Promotion Society for India, New Delhi, 06 October 2017	--
11	AWS Educate Day 2017	Amazon Web Services & ICTACT Academy, Chennai, India 13 July 2017	--
12	National conference on Mathematical modeling for Engineering	A.V.C College of Engineering, Mannampandal, Mayiladuthurai, India 08 April 2017	Cloud Infrastructures based Big Data Analytics in Vital Real Time Knowledge Management
13	National conference on Mathematical modeling for Engineering	A.V.C college of Engineering, Mannampandal, Mayiladuthurai, India 08 April 2017	Fuzzy logic and grey wolf optimizer based energy efficient protocol in WSN



Sl. No.	Name of the Event	Place & Date	Title of Paper presented
14	International Conference on Emerging Innovations in Engineering and Technology	Christ Institute of Technology, Puducherry, India. 25 March 2017	A Survey of clustering Techniques
15	National Conference on Technology Enabled Learning & Leading	Sri Venkateswara College of Education, Karaikal, India 25 February 2017	Study of Feature Extraction in Iris Recognition
16	National Conference on Technology Enabled Learning & Leading	Sri Venkateswara College of Education, Karaikal, India 25 February 2017	Study of Feature Extraction in Face Recognition
17	International Conference on Computer Communications and Informatics	Sri Shakthi Institute of Engineering and Technology, Coimbatore, India. 05-07 January 2017.	A Fuzzy Logic Based Trust Evaluation Model for the Selection of Cloud Services. <b>(Published in IEEE Explore).</b>
18	National Conference on Recent trends in Computer Science and Applications.	Rabiammal Ahamed Maideen College for Women, Tiruvarur, India. 23-24 October 2016.	Study of Iris Recognition
19	National Conference on Recent trends in Computer Science and Applications.	Rabiammal Ahamed Maideen College for Women, Tiruvarur, India. 23-24 October 2016.	Study of Face Recognition
20	One day workshop on Accreditation, Standards and management in Higher Education	Perunthalaivar Kamarajar Institute of Engineering & Technology, Karaikal, Puducherry State. 17 October 2015.	--
21	Awareness Workshop on Outcome Based Education and Accreditation	Anna University , Chennai. 03 October 2015	--
22	UGC-sponsored National Seminar on recent Trends in Cloud Computing and High performance Computing	Bharathidasan University, Tiruchirappalli, TamilNadu 19 February 2015	--
23	One Day Workshop on Teaching and Research Methodologies	Perunthalaivar Kamarajar Institute of Engineering and Technology, Karaikal, Puducherry State. 31 January 2015	--
24	IEEE sponsored Intelligent Systems and Control (ISCO), 2013 7th International Conference	Karpagam College of Engineering, Coimbatore. 04-05 January 2013	A clinical study of normalization algorithms in face recognition <b>(Published in IEEE Explore).</b> <b>Print ISBN: 978-1-4673-4359-6</b>

Sl. No.	Name of the Event	Place & Date	Title of Paper presented
25	International Conference on Advances in Computing (ICADC 2012)	M S Ramaiah Institute of Technology, Bengaluru, Karnataka. 04-06 July 2012	Mining Negative Association Rules from Multiple Data Sources on the Basis of Local Pattern Analysis <b>(Published in Springer)</b> <b>Print ISBN: 978-81-322-0739-9</b>
26	International Conference on Futuristic Trends in Computer Science Engineering and Information Technology	Thiruvalluvar College of Engineering And Technology, Vandavasi. 28-29th January 2012	Study of Pre-processing phase algorithms in face recognition
27	National Seminar on Advertising, Media & Consumer Marketing	Gnanam School of Business, Thanjavur 30 October 2009.	An implication of Recent Technologies in Modern Medias
28	IEEE SP & DRDO Sponsored Advancements in Image/Video Processing and Soft Computing with Hardware Implementation	New Horizon College of Engineering, Bangalore 6-8 November 2008	--
29	Second National Conference on New Frontiers in Computing	K.S.Rangasamy College of Technology, Tiruchengode 23 September 2008.	Optimization in Iris Recognition
30	International Conference on Information and Advanced Computing	Bharath University, Chennai 23-25 July 2008	Optimization in Segmentation Phase in Iris Recognition
31	AICTE Sponsored One Day Accreditation Awareness Programme	Bannari Amman Institute of Technology, Sathyamangalam, 27 December 2007	--
32	37th Annual Convention & National Seminar	Manipal Institute of Technology, Manipal 17-19 December 2007	Effective implementation of Industry Institution Interaction for Potential Society
33	International Conference on Active Teaching and Learning in Higher Education	ICFAI National College, Trichy 8th December 2007	Achieving excellence in Teaching and Learning
34	National conference on Cyber Crime & Security Management	Kongu Engineering College, Erode 02-04 November 2007	Women victimization in Cyber space
35	International conference on Data warehousing, Data mining and Networking	Jayaram College of Engg. And Technology, Trichy 04-06 October 2007	Hypertext structures for software documentation
36	One day Workshop on Mobile Computing	Krishnasamy College of Engineering & Technology, Cuddalore 18 August 2007	--

Sl. No.	Name of the Event	Place & Date	Title of Paper presented
37	National Level Seminar on "Promoting Entrepreneurship at the gross root level in the liberalized Era – Challenges and Dimensions"	Pondicherry University, Pondicherry 29-30th March 2007	Innovative software approach to SCM
38	Seventh Biennial Conference on The New Frontiers of Entrepreneurship	Entrepreneurship Development Institute of India 21-23 March 2007	IT Enabled services in rural agriculture sector
39	National Seminar on Mahatma Gandhi & Sustainable Development	Shivaji University, Kolhapur 12-13 March 2007	A study of Growth of Panchayat Raj in India
40	National Conference on Challenges to Globalisation & Strategies to Overcome Them	MNM Jain Engineering College, Chennai, 8th March 2007	Promotion of financial services by Mobile Technology
41	National Level Management Meet – Mantrain-2007	Noorul Islam College of Engineering, Kumaracoil, Thuckalay, Kanya kumara 7th March 2007	Boom in IT Outsourcing Sector in India
42	National Seminar on Retail Marketing Strategies	Karpagam College of Engineering, Coimbatore. 3rd March 2007	Implementation of reusable software for SCM
43	National conference on Web technology & Open Source	Jaya Engineering College, Chennai 2 March 2007	Multi User Rule Categorization for Intelligent Web Services using Xml Active Rules
44	National conference on Distributed and Soft Computing	J.J.College of Engineering & Technology, Trichy, 1 March 2007	Implementation of Intrusion Detection System in Linux
45	National Seminar on Competitive Advantage through Innovation	Coimbatore Institute of Management and Technology, Coimbatore 24 February 2007	Innovative Practices for Higher Education
46	National Conference on Current Trends in Management	SNS College of Technology, Coimbatore. 23rd February 2007	Financial aspects of Information Technology
47	National conference on Strategic Management for Competitive Advantage	K.L.N College of Engineering, Pottapalayam, Madurai. 16-17 February 2007	Scenario of IT Outsourcing in India
48	Second International Conference and Sixth Biennial Conference of the Indian Society of Victimology	University of Madras, Chennai. 8-9 February 2007	Women Victimization in Cyber Space
49	National Conference on Emerging Enterprise Applications EEA-2007	St.Joseph College of Engineering, Chennai 31st January 2007	Study of complexities in execution of E-governance in Rural zones

Sl. No.	Name of the Event	Place & Date	Title of Paper presented
50	National Conference on Supply Chain Management	Institute of Public Enterprise, Hyderabad. 22-23 January 2007	Role of Software Agent in Supply Chain Management
51	AICTE sponsored Staff Development Programme on Computational Intelligence for System Automation and Communication	Sri Manakula Vinayagar Engineering College, Puducherry 18-28 December 2006	--
52	ISTE 36th Annual Convention & III National Seminar on Quality, Sustainability and Social Responsibility: Interfaces in Technical Education in context of Globalization	Bannari Amman Institute of Technology, Sathyamangalam. 14-16 December 2006	Evaluation of Ethics in Technical Education
53	3rd International Conference on Artificial Intelligence in Engineering and Technology	University Malaysia Sabah, Malaysia 22-24 November 2006	New Image Compression Scheme Based on Adaptive Lifting of Wavelets with Pyramidal Lattice Vector Quantization and Huffman Enumeration
54	National Seminar on Financial Services - recent Developments and Service Marketing Challenges	B.S.Abdul Rahman Crescent Engineering College, Chennai. 11 November 2006	Mobile Marketing Strategy for Financial Services and CRM
55	Galloping of Indian Services Towards Global Standards	Muthayammal Engineering College, Rasipuram. 02 November 2006	Growth of Internet in Global Perspective
56	National Seminar on Perspectives in Knowledge Management	VLB Janakiammal College of Engineering and Technology, Coimbatore. 06 October 2006	Economic Facets of Information Technology
57	MANMEET'06	Vael's Institute of Business Administration, Chennai 05 October 2006	Study of IT Outsourcing in India
58	National Conference on Emerging Technologies & Applications	Saurashtra University, Rajkot 01-02 October 2006	Relational Database Watermarking
59	National Seminar on Economy and Entrepreneurship	V.B.S. Purvanchal University, Janpur(U.P). 22-23 April 2006	Complexity in Implementation of E-governance in Rural Sectors
60	International Conference on Gender issues in E-Society	Annamalai University, Chidambaram. 20 December 2005	E-Governance
61	National Conference on Emerging Technologies and Applications (ETA-2005)	Saurashtra University Rajkot,Gujrat. 01-02 October 2005	Role of M-commerce Applications in Mobile Computing

Sl. No.	Name of the Event	Place & Date	Title of Paper presented
62	ISTE sponsored Workshop on Data Mining and Ware housing	PSNA Engineering College, Dindugal, 17 August 2005	--
63	International conference on Tsunami, Disaster Management and Coastal Development-2005	Madras Development Society, Chennai, 30-31 July 2005.	--
64	Global Competitiveness in Business: Trends and Traits	P.R.Engineerig College, Tanjore. 25 February 2005	Role of IT Enabled Services in Rural Agricultural System
65	National Level Technical Paper Presentation Competition-2005	Kadi & Amoghsiddhi Education Society, Sangili. 08-09 January 2005	Bio-Metrics
66	One Day IBM technology Update Programme	Indicom Software & Services, Chennai 06 October 2004	--
67	ISTE(TamilNadu & Pondicherry Section ) VI Annual convention & State level seminar on Challenges of Technical Education for Vision 2020	CSI Polytechnic, Salem 19-20 September 2003	Artificial Intelligence
68	Seminar on Business Opportunities in IT Enabled Services & Business Process outsourcing	Confederation of Indian Industry Trichy Zonal Office 26 October 2002	--
69	Workshop on Utilization on Information Technology in Police	Thanjavur Police Range, 28- 29 January 2002	--

#### Lectures Delivered

S. No	Title	Programme Nature	Institution	Date
1	Augmented Analytics	AICTE Sponsored 6 days online STTP on AI enabled Augmented Analytics for Business Intelligence Phase - 1	CMR Institute of Technology, Bengaluru, Karnataka, India	14.10.2020
2	Hadoop Eco System Tools	AICTE Sponsored 6 days online STTP on Internet of Things, Big Data Cloud (IBDC 2020) Phase - 2	CMR Institute of Technology, Bengaluru, Karnataka, India	21.08.2020
3	Big Data Analytics	AICTE Sponsored 6 days online STTP on Internet of Things, Big Data Cloud (IBDC 2020) Phase - 1	CMR Institute of Technology, Bengaluru, Karnataka, India	24.07.2020

S. No	Title	Programme Nature	Institution	Date
4	Internet of Things using Blynk APP	AICTE Sponsored 6 days online STTP on Internet of Things, Big Data Cloud (IBDC 2020) Phase - 1	CMR Institute of Technology, Bengaluru, Karnataka, India	23.07.2020
5	Internet of Things (IoT) Use Cases Transforming World	Online Webinar for Students	CMR Institute of Technology, Bengaluru, Karnataka, India	27.05.2020
6	Big Data Analytics	One day Seminar	A.V.C. College (Autonomous), Tamilnadu, India	19.12.2019
7	Research – An Introduction	Orientation Programme on Research Methodologies using Recent Tools and Techniques	A.V.C. College of Engineering Tamilnadu, India	22.06.2019
8	Internet of Things using Blynk	Seminar	Kalasalingam Academy of research and Education (Deemed to be University), Krishnanan koil, Srivilliputhur, Tamilnadu, India	11.08.2018
9	Internet of Things	One Day Seminar	Tiruppur Kumaran College for Women, Tituppur, Tamilnadu, India	20.07.2018
10	Mining Data Streams	Anna University approved FDTP on Data Analytics	Ramco Institute of Technology, Rajapalayam, Tamilnadu, India	09.06.2018
11	Pattern recognition using WEKA	DST-PURSE Sponsored FDP on Pattern recognition	Annamalai University, Chidambaram, Tamilnadu, India	22.05.2018
12	Internet of Things	Ifest 2k18 Intercollegiate Meet	Lady Doak College(Autonomous) Madurai, Tamilnadu, India	09.02.2018
13	Cyber Security in Smart Grid	AICTE Sponsored Two day Seminar on Smart Grid and Cyber Security	Government College of Technology, Coimbatore, Tamilnadu, India	06.12.2017

S. No	Title	Programme Nature	Institution	Date
14	Big Data Analytics Hands on Session: Hadoop Tools	AICTE Sponsored Two weeks FDP on Big Data Analytics and Its Research Issues	MNM Jain Engineering College, Chennai, Tamilnadu, India	30.11.2017
15	Changing Trends in Evaluation pertaining to Computer Science	Tamilnadu Government-School Education department- Revision of syllabus for Higher Secondary Computer science for the academic year 2018-19	Organized by Tamilnadu State Council of Education Research and Training, Chennai at SRM University, Chennai, Tamilnadu, India	22.09.2017
16	Next Generation Cyber Attacks and Cyber Defences	National level One day workshop on Next Generation Cyber Weapons supported by National Cyber Safety and Security Standards	Karpagam College of Engineering, Coimbatore, Tamilnadu, India	05.08.2017
17	Introduction to Virtual Reality and Augmented Reality	CSIR sponsored two days National Seminar on Computer Vision for Virtual reality and Augmented reality	P.A College of Engineering and Technology, Pollachi, Tamilnadu, India	22.06.2017
18	Recent Trends in Information Security	Inter Collegiate Seminar on Recent Trends in Information Security	A.R.C Viswanathan College, Mayiladuthurai, Tamilnadu, India	08.03.2017
19	Analysing Data in Motion	DST Sponsored 10 days Training Programme on Big Data Analytics	Fransis Xavier Engineering, Tirunelvel, Tamilnadu, India	22.06.2016
20	Biometrics for Information Security	National Science Day	Dharmapuram Gnanabihai Govt. women's College, Mayiladuthurai, Tamilnadu, India	22.01.2015
21	Research Issues in Data Mining	Anna University sponsored FDP on Data Warehousing and Data Mining	A.V.C College of Engineering Mannampandal, Mayiladuthurai	09.06.2013
22	Image processing	IEEE International Conference	EGS Pillai Engineering College, Nagapattinam, Tamilnadu, India	29.03.2013
23	Trends in IT Industry	National Symposium (TECHKNOW-12)	EGS Pillai Engineering College, Nagapattinam, Tamilnadu, India	19.10.2012
24	Research Issues in Cloud Computing	FDP	EGS Pillai Engineering College, Nagapattinam, Tamilnadu, India	09.04.2012

S. No	Title	Programme Nature	Institution	Date
25	Key Note address on IEEE-ICAESM 2012	IEEE International Conference	EGS Pillai Engineering College, Nagapattinam, Tamilnadu, India	30.03.2012
26	Special address on "Trends in Information Technology"	Symposium (ADDUCE 2012)	Vivekanandha Institute of Engineering and Technology for Women, Tiruchengodu, Tamilnadu, India ( <a href="http://www.vietw.ac.in/mca2.html">http://www.vietw.ac.in/mca2.html</a> )	17.03.2012
27	Key Note address on "IT Trends"	National Symposium (BOON 2012)	Dr. Navalar Nedunchezhiyan College of Engineering, Tholudur. Tamilnadu, India	17.02.2012
28	Biometrics – Trends and Traits	UGC Aided Seminar	AVC College (Autonomous), Mayiladuthurai, Tamilnadu, India	20.03.2009
29	Artificial Intelligence	Guest Lecture	Srinivasan Engineering College, Perambalur, Tamilnadu, India	02.05.2009
30	Unix and Network Programming	Guest Lecture	Dr. Pauls Engineering College, Pauls Nagar, Vilupuram District, Tamilnadu, India	08.03.2008
31	Biometrics Technologies	Guest Lecture	Anjalaiammal Mahalingam Engineering College, Kovilvenni, Tamilnadu, India	21.01.2008
32	Bio Metrics – A boom to IT Industry	Guest Lecture	Sengamalar Thayar Womens College, Mannarkudi. Tamilnadu, India	14.02.2006
33	Bio Metrics – A boom to IT Industry	Guest Lecture	Annai college of arts and Science, Kumbakonam	08.02.2005
34	Panel Discussion on Network Intrusion	National Level Technical Symposium (agGRANDize'05)	EGS Pillai Engineering College, Nagapattinam, Tamilnadu, India	29.05.2005
35	Bio Metrics	Guest Lecture	Dharmapuram Adhinam Arts college, Mayiladuthurai	01.02.2005
36	Software Engineering	Guest Lecture	A.R.C. Viswanathan College, Mayiladuthurai, Tamilnadu, India	20.02.2003
37	Trends in Information Technology	Guest Lecture	Rabiammal Ahamed Maideen College for Women, Tiruvarur, Tamilnadu, India	30.10.2002
38	Computer Networks	Guest Lecture	Dharmapuram Gnanabihai Govt. women's College, Mayiladuthurai. Tamilnadu, India	13.03.2001



S. No	Title	Programme Nature	Institution	Date
39	JAVA Programming	Certificate Course	A.V.C College (Autonomous) Mannampandal, Tamilnadu, India	17.07.2000
40	Computer Awareness Programme in Office Automation	Training Programme	All India Association for Christian Higher Education, New Delhi & T.B.M.L College, Porayar, Tamilnadu, India	8 .05.1997 to 20.05.1997

#### Reviewer/ Editorial Board Member in International Journals

- 1 Springer: Journal of Ambient Intelligence and Humanized Computing
- 2 IEEE Transactions on Image Processing
- 3 Journal of Electronic Imaging  
(<http://www.spie.org/publications/journals/journal-of-electronic-imaging>)
- 4 American Journal of Computing Research Repository  
(<http://www.sciepub.com/journal/AJCRR/editors>)
- 5 International Journals of Multidisciplinary Research Academy (IJMRA)  
([http://www.ijmra.us/editor\\_ijesm.php](http://www.ijmra.us/editor_ijesm.php))
- 6 International Journal of Engineering, Science and Mathematics  
(<http://www.indianjournals.com/ijor.aspx?target=ijor:ijesm&volume=2&issue=3&type=eboard>)
- 7 Journal of Technological Advances and Scientific Research  
([www.jtasr.com](http://www.jtasr.com))
- 8 International Journal of Mathematics Trends and Technology  
(<http://www.ijmtjournal.org/board-members>)
- 9 Journal of Computer Sciences and Applications  
(<http://www.sciepub.com/journal/JCSA>)
- 10 Advances in Science, Technology and Engineering System Journal  
(<http://astesj.com/>)

#### Reviewer in National and International Conferences

- 1 Technical Programme Committee Member, 2020 The International Conference on Artificial Intelligence Technology (CAIT 2020), 13-15 November 2020, CAIT, Tokyo, **Japan**.  
(<http://www.cait.net/committee.html>)
- 2 Advisory Committee Member, AICTE Sponsored National Conference in AI based Machine Learning as a Service, Information Science and Engineering, CMR Institute of Technology, Bengaluru, India.

- 3 Technical Programme Committee Member, International Conference on Adaptive Computational Intelligence, **18-19 July 2019**, GSSS Institute of Engineering & Technology for Women, Mysuru, India.
- 4 Technical Programme Committee Member, International Conference on Video and Image Processing, 27-29 December 2017, Singapore, Chengdu Source Star Technology Co. Ltd., **China**.  
(<http://www.icvip.org/committee.html>).
- 5 Advisory Committee Member, International Conference on Big Data Science and Analytics (ICBDSA-2016), 04 March 2016, Sengamala Thayaar Educational Trust Women's College, Mannarkudi, Tamilnadu, India.
- 6 Technical Programme Committee member, Second Annual Global Online Conference on Information and Computer Technology - GOCICT 2015, 4-6 November 2015, Sullivan University, **USA**.
- 7 Technical Programme Committee member, Sullivan Global Conference on Information & Computer Technology 2014, 1-14 December 2014, Sullivan University, USA.
- 8 4<sup>th</sup> IEEE International Conference on Advances in Engineering and Technology - [IEEE - ICAET 2014], 2-3 May 2014, E.G.S.Pillay Engineering College, Nagapattinam, TamilNadu, India.
- 9 National Conference on Innovative Research on Communication, Signal & Image Processing (IRCSI'13), 5 April 2013, Annai College of Engineering & Technology, Kumbakonam, TamilNadu, India.
- 10 IEEE International Conference On Research And Development Prospects On Engineering And Technology-2013(ICRDPET-2013), 29-30 March, 2013, E.G.S.Pillay Engineering College, Nagapattinam, TamilNadu, India.
- 11 7<sup>th</sup> IEEE Sponsored International Conference on Intelligent Systems and Control (ISCO) 2013 , 04-05 January, 2013, Karpagam College of Engineering, Coimbatore, TamilNadu, India.
- 12 2<sup>nd</sup> International Conference on Advances in Engineering and Technology (ICAET2012), 30-31 March, 2012, E.G.S.Pillay Engineering College, Nagapattinam, TamilNadu, India.
- 13 International Conference on Advances in Engineering and Technology, 27-28 May 2011, E.G.S.Pillay Engineering College, Nagapattinam, TamilNadu, India.

#### **Member in Board of Studies**

- **Member in TamilNadu State Government Higher Secondary Computer Science Syllabus drafting committee for the academic year 2018-19.**
- Member in Board of Studies in Computer Science in A.V.C.College (Autonomous), Mannampandal, Mayiladuthurai, TamilNadu from 14.11.2005 to 13.11 2007, 06.04.2009 to 05.04.2011 and 22.01.2016 to 21.01.2019.
- Member in Board of Studies in Computer Applications in Sengamala Thayaar Educational Trust Women's College (Autonomous), Mannargudi, Thiruvarur District, TamilNadu from 2020-21 to 2021-2022.

**National/State Level Conferences/Seminars/Symposia/Workshop organized :**

Sl. No.	Name of the event	Date	Role as Organizer
1	Online Webinar on "Robotic Process Automation"	27 June 2020	Convener
2	Online International Webinar on "Emerging Technologies to shape the Future"	12 June 2020	Convener
3	Online Webinar on "Linux Internals & Applications"	22 May 2020	Convener
4	Online Webinar on "Real-life Deep Learning ,Machine Learning and AI use cases"	20 May 2020	Convener
5	Online webinar on "Marching towards your dream job"	16 May 2020	Convener
6	Online Webinar on "Big data and its Applications"	10 May 2020	Convener
7	Online Webinar on "IoT Use cases"	08 May 2020	Convener
8	One day Awareness cum coaching Programme on TANCET 2020	28 January 2020	Convener
9	One day Workshop on "Exploring the power of JAVA- An Interview Perspective"	27 September 2019	Convener
10	CSI - Guest Lecture Programme on "Recent Trends in IoT"	14 October 2017	Convener
11	Two Days workshop on "Native Mobile App Development"	22 & 23 September 2017	Convener
12	Workshop on "Exploring the power of 'C' - An Interview Perspective training programme"	15 September 2017	Convener
13	Seminar on "Firebase in Real World Web Applications"	07 July 2017	Convener
14	TechnoThirstT 16-17, A National level two days Symposium	24 & 25 February 2017	Convener
15	Training programme on Awareness cum coaching programme for TANCET 2017	15 February 2017	Convener
16	Workshop on Web Page Development using PHP	17 & 18 October 2016	Convener
17	Workshop on Advanced Java Programming -Struts & Hibernate	23& 24 September 2016	Convener
18	Workshop on Industry perspective training programme on 'C' Language	15 September 2016	Convener
19	CSI - One day Workshop on Open source tool "jMeter"	27 August 2016	Convener
20	State level Awareness and coaching programme on "TANCET 2016"	23 March 2016	Co-ordinator
21	CSI Seminar on Information Security & Infrastructure Services	15 March 2016	Convener
22	Training Programme on Oracle Certified Professional, Java SE 6 Programmer: 1Z0-851	12 March 2016	Convener
23	State Level Anna University approved FDTP on "Soft Computing".	30 November 2015 to 06 December 2015	Co-ordinator

Sl. No.	Name of the event	Date	Role as Organizer
24	One Day Workshop on "Big Data Tools : Hive and Pig" (A Hands-on Training Programme).	09 October 2015	Convener
25	One Day Workshop on Exploring the power of 'C' (A Hands-on Training Programme).	18 September 2015	Convener
26	One day skill up-gradation Training Programme on UPS Trouble shooting & Training for supporting staff.	19 December 2015	Convener
27	CSI Guest Seminar on Ethical Hacking	11 October 2014	Convener
28	One Day Hands-on Workshop on "Data Mining with Weka".	26 September 2014	Convener
29	Two days workshop on "Computer Programming" hosted by Department of Computer Applications.	18-19 September 2014	Convener
30	ISTE-PTU sponsored FDP on "Big Data Analytics with Data Mining New Opportunities and Challenges".	05-09 August 2014	Convener
31	CSI Guest Lecture on "Career opportunities with dot net programming".	29 March 2014	
32	State Level Anna University Sponsored FDTP on "Advanced JAVA Programming".	16-22 December 2013	Co-ordinator
33	Two days National Level Workshop on Computer Programming.	27-28 September 2013	Organizer
34	National Level AICTE Sponsored Workshop on "Open Source Cloud Computing Solutions".	22-25 July 2013	Co-ordinator
35	State Level Anna University Sponsored FDTP on "Data Warehousing & Data Mining"	3-9 June 2013	Co-ordinator
36	One day Open source workshop on Software Modeling Using ArgoUML.	04 April 2013	Convener
37	CSI Workshop on BASH SCRIPTS	09 March 2013	Convener
38	Project Management and Current Technology Trends	08 October 2012	Convener
39	Guest Lecture on Machine Learning	01 October 2012	Convener
40	Guest Lecture on Job Opening for Java Technologies	21 September 2012	Convener
41	Workshop on Web Development using open source tools	18 September 2012	Convener
42	CSI Work shop on Hardware and OS Installation	21 August 2012	Convener
43	CSI Guest Lecture on Research Issues In Data Mining	31 March 2012	Convener
44	National Conference on Networks, Information, Knowledge, Computing & Ontology.	16 March 2012	Convener
45	State Level FDP on Research Directions in Cloud Computing.	24 September 2011	Convener
46	CSI Guest Lecture on Network Security	25 September 2011	Convener
47	CSI Seminar on Recent Trends in IT	09 August 2011	Convener
48	Software Testing-A Practical Approach	10 August 2011	Convener
49	Seminar on Database Technologies	11 & 12 March 2011	Convener
50	Computer Applications in Emerging Fields of Neuro Science	10 March 2011	Convener
51	Interaction Programme-How to Face Interviews	27 January 2011	Convener
52	Seminar on Data Mining Functionalities	10 October 2010	Convener
53	Guest Lecture on Open Source Competencies	24 September 2010	Convener

Sl. No.	Name of the event	Date	Role as Organizer
54	CSI Workshop on Application Development Using Oracle 10g	14 September 2010	Convener
55	CSI Guest Lecture on Software professional - an Employee Perspective.	14 October 2009	Convener
56	Workshop on PHP and Web Service	17 August 2009	Convener
57	Guest Lecture on Impact of Global Recession in IT Industry	17 August 2009	Convener
58	Seminar on Rich Internet Applications	30 March 2009	Convener
59	Guest Lecture on IT Trends and Directions	13 March 2009	Convener
60	Seminar on Recent Trends in Telecommunication	07 March 2009	Convener
61	Guest Lecture on Developing Communication and Soft Skills	25 February 2009	Convener
62	Seminar on IT Applications in Chemical Industries	16 February 2009	Convener
63	Guest Lecture on Telecommunication Network	11 October 2008	Convener
64	Seminar on Free Open Source Software For Education	04 September 2008	Convener
65	Workshop on Web Service in Open Source	28 August 2008	Convener

#### Others

- Coordinator for **Computer Training Programme** for Police Personnel sponsored by State Government of Tamilnadu.
- Coordinator for **Computer Training Programme** for Police personnel sponsored by Anna University, Chennai
- Organized **Python, Visual Basic, Java Certificate Courses**
- Organized for **INTEL Master Trainer Programme** launched by INTEL for Teachers (October, November 2002)
- Coordinator for the **Computer Training Programme for the wards of Police personnel** organized by the SP, Nagapattinam district.
- Conducted Faculty Development Programme on “Virtual Classroom” for the staff members
- Conducted National level Faculty Development Programme on “Free Open Source Software (FOSS) for staff members
- Organized various **Seminars, Symposiums** in the college.

#### **Extension/Community/Literary activities**

Sl. No	Title of Activity	Period of Activity	Agency of collaboration	Outcome
1.	District level Training Programme on Building Skills of Self Help Group Women in establishing Information Kiosks ( <a href="http://www.thehindu.com/2005/12/08/stories/2005120807720300.htm">http://www.thehindu.com/2005/12/08/stories/2005120807720300.htm</a> )	October – November 2005	Centre for Empowerment of Women, Anna University, Chennai	50 Self Help Group Women benefited for setting up Information Kiosks.
2.	District level data Entry Programme for Special Revision of Election Rolls 2002.	January 2002	District Collector, Nagapattinam	Data Entry

### Establishment of Departments/Divisions/Laboratories

Sl. No	Activity	Institution/Place	Duration
1.	AICTE Sponsored MOBROBS on Software Reliability & Quality Testing Lab (Value Rs 5 lakhs)	A.V.C College of Engineering Mannmpandal	March 2012 to February 2013

#### Member in Academic Audit

- A.V.C College(Autonomous) during 2019 and 2020

#### Member in Governing Council

- Member in Governing Council of A.V.C College of Engineering for the period of 3 years from 2011 to 2014.

#### Member in College Level Committees

- 1 Grievance and Redressal Committee
- 2 Internal Quality Assurance Cell

#### Academic Counsellor

- Part - Time Academic Counsellor in Indira Gandhi National Open University(IGNOU).

#### Examiner/Question paper setter

- In Universities and Autonomous Colleges

#### Additional Responsibilities, Academic and Extra-curricular

- **NBA Institutional Convener of the college**
- Deputy Warden of AVCCE Boy's hostel
- Chief Editor for the Department Newsletter "CAS"
- Acted as HOD i/c of CSE & IT departments for 3 years. During this phase, AVCCE has been selected as best college for doing B.Tech IT in **Sun TV and A.C.Nelson survey in 2003**
- Acted as **Management Representative of ISO Quality Management System**
- Acted as **Professor-In-Charge** for Internet Lab
- Acted as **Placement Officer I/C** for 2 years
- Acted as **Chief Superintendent** for University Examinations
- Acted as **Camp officer** in University Valuations.
- Acted as **Chairman and Chief Examiner** for Anna University MCA Board
- Acted as Professor-In-Charge for **TNPCEE, Mayiladuturai Center for Online Registration of Hall Tickets** from 2002 to 2006 for Anna University, Chennai
- Developed software & Organised B.E/B.Tech Admission Counseling for the Institution.

### Membership in Professional Bodies

S.No.	Professional Society	Membership type	Membership No.
1	Computer Society of India	Life Member (Senior Member)	00076444
2	IEEE(USA)	Member (11 years)	41492770
3	Indian Society for Technical Education	Life Member	LN38837
4	IT History Society	Individual Member	--

### Professional Chapters Established

- Computer Society of India Students Chapter (PG)
- Free Open Source Software(FOSS) Club  
<http://www.ae.iitm.ac.in/pipermail/ilugc/2010-September/060789.html>

### Mentor

- Proacademia

### Others

- NBA Accreditation for ECE, IT & MCA departments
- ISO 9001:2000, ISO 9001:2008 and ISO 9001:2015 certification of the college.
- Anna University approved research Centre for doing PhD/M.S(By Research)
- 100% results in University Examinations

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(S.SELVAMUTHUKUMARAN)