

Dr.S.Ravimaran
diprivi@gmail.com
+91 9443076222



Academia

- ▶ Completed **Doctor of Philosophy** in the area of **Mobile Cloud Mining**, Anna University, Chennai, India, in the year 2013.
- ▶ Completed **Master of Engineering** with the specialization of **Computer and Communication Engineering** at Anna University, Chennai in the year 2004.
- ▶ Completed **Bachelor of Engineering in Computer Science and Engineering** from Bharathidasan University in the year 1997.

Work Experience

Academic Experience -21 Years 10 months(as on June 2021)

- **June 2015 -Till Date** : As a Principal & Professor, M.A.M. College of Engineering, Tiruchirappalli.
- **Jan 2000 – May 2015** : As a Lecturer, Senior Lecturer, Asst. Professor, Assoc. Professor, Professor & Head, Department of Computer Science and Engineering, M.A.M. College of Engineering, Tiruchirappalli.

Research Experience

- ▶ Creating a dynamic research environment for both faculty and students.
- ▶ Preparing projects and grants proposals for receiving funds from the funding agencies.
- ▶ Contributing to the research undertaken within the faculty.
- ▶ Recognized Anna University Supervisor.
- ▶ Delivering key note address.

Research Area – Distributed Systems, Cloud Mining, Mobile Cloud.

❖ Ph.D Thesis Guided as a supervisor

- ▶ Mr. P.Murugapandian (1413459119), “Design of GaN-based High Electron Mobility Transistor for Future High Power Microwave Applications” Sep 2018 - Anna University.
- ▶ Mr. V.G.Ravindran (20104022017), “An Enhanced Framework for Resource Management in Cloud Environment using Critical Metrics Assessment” Sep 2018 - Anna University.
- ▶ Mr. Ramasamy Alias Sankar Ram (20114022016), “Self Adaptive Web Services in Heterogeneous Ubiquitous Environment” , March 2020 - Anna University.
- ▶ Mrs.G. Kalpanadevi, “Design And Development Of Miniaturized Power Divider For Mobile And Wireless Network”, June 2020– Anna University.
- ▶ Mrs.Blessy Selvam, "Heterogeneous Ensemble based Aspect Extraction and Opinion Mining for Root Cause Analysis", July 2020 - Anna University.
- ▶ Mr.G.Haridoss, "Design and Development of Dipole Antenna for LTE Application", March 2021- Anna University.
- ▶ Mrs.S.Vatchala, "Auto sec SDN-XTR: A Hybrid End to End Security Mechanism with Efficient Trace Representation on OpenStack Cloud" - May 2021- Anna University.
- ▶ Mr.S.Jerald Nirmal Kumar, "An Effective Non-Commutative Encryption Approach with Optimized Genetic Algorithm for Ensuring Data Protection in Cloud Computing" - May 2021 - Anna University.

❖ Ph.D Thesis Guided as on May 2021 : 08

❖ Ph.D Scholars under Guidance (As on May 2021) : 04

❖ No of Master Thesis Supervised : 25

Publications

Journals & Book Proceedings-46; SCI Indexed: 20 ; Scopus: 10 Others: 16

- 1) Joel Livin, Ravi Maran and Gowthul Alam, "Clustering in Cooperative Cognitive Radio Networks Based on Mobility Aware Hybridized Algorithm for Optimization", Journal of Dynamic Systems and Applications, 30 (2021) No.6, 924-943
- 2) S.Jerald Nirmal Kumar, S.Ravimaran and M. M. Gowthul Alam, 2020. An Effective Non-Commutative Encryption Approach with Optimized Genetic Algorithm for Ensuring Data Protection in Cloud Computing. Computer Modeling in Engineering & Sciences, **SCI Indexed, October 2020**, Vol.125, No.2, pp.671-697, DOI:10.32604/cmcs.2020.09361.
- 3) G.Haridoss, S.Ravimaran, "A Compact MIMO Metamaterial loaded "I" Shaped Dual Monopole Antenna for LTE, WiMAX and WLAN Applications", Journal of Solid State Technology, **SCOPUS Indexed, October 2020**, DOI: Vol 63 No 6 .
- 4) C.Janarish Saju, S.Ravimaran, "A Tool to Extract Name Entity Recognition from Big Data in Banking Sectors", International Journal of Web Services Research, SCI Indexed June 2020, Volume 17- Issue 2 - April - June 2020.
- 5) C Ramasamy Sankar Ram, S Ravimaran & et.al, "Internet of Green Things with autonomous wireless wheel robots against green houses and farms", International Journal of Distributed Sensor Networks, **SCI Indexed, June 2020**, Vol. 16(6) DOI: 10.1177/1550147720923477.
- 6) Sathish.A, Ravimaran, S & Jerald nirmal Kumar, S, 'A Well Organized safeguarded Access on Key Propagation by Malleable Optimization in Blend with Double Permutation, International Journal of Web Services Research, **SCI Indexed**, DOI: 10.1418/IJWSR.2020010103, **2020**.
- 7) S.Vatchala, S.Ravimaran and A.Sathish, "Auto Sec SDN-XTR: A Hybrid End to End Security Mechanism with Efficient Trace Representation on Open Stack Cloud", Journal of Information Science and Engineering, **SCI Indexed**, 697-718 (2019) DOI: 10.6688/JISE.201905_35(3).0012, **2019**.

- 8) Nagasundari.S, Ravimaran, S & Uma.G.V 2020, "Enhancement of the Dynamic Computation Offloading service selection framework in Mobile Cloud Environment", Journal of Wireless Personnel Communication, **SCI Indexed**, DOI: 10.1007/s11277-019-07023-4, **2020**.
- 9) Blessy selvam, Ravimaran, S & sheba selvam, 'Parallelized Root Cause Analysis using Cause Related Aspect Formulation Technique (CRAFT)', Journal of Supercomputing, **SCI Indexed**, pp. 1-16, DOI: 10.1007/s11227-019-02893-8, ISSN: 0920-8542 (Print) 1573-0484, **2019**.
- 10) Kalpanadevi, G & Ravimaran. S, "Design of 915MHz 3dB Miniaturized Power Divider for Wireless Sensor Network", Journal of Electrical Engineering, **SCOPUS indexed**, vol. 20, no. 35, pp 405-410, ISSN: 1582-4594, **2019**.
- 11) C. Janarish Saju, S. Ravimaran, "Efficient Extraction of Named Entities from New Domains using Big Data Analytics", Journal of Computational and Theoretical Nanoscience - **SCI Indexed**, Vol. 15, pp. 1-10, **2018**.
- 12) G. Haridoss, S. Ravimaran, "High Gain Series Fed Two Dipole Array Antenna with Reduced size for LTE Application", IETE Journal of Research, **SCI Indexed**, DOI: 10.1080/03772063.2019.1639555, **2019**.
- 13) Ravimaran, S. and Maluk Mohamed, M.A. "Integrated Obj_FedRep: Evaluation of Surrogate Object based Mobile Cloud System For Federation, Replica and Data Management", Springer - Arabian Journal for Science and Engineering, **SCI Indexed**, June **2014**, Volume 39, Issue 6, pp 4577-4592.
- 14) P. Murugapandiyan, S. Ravimaran, J. William, J. Ajayan and D. Nirmal "DC and Microwave Characteristics of 20 nm T-Gate InAlN/GaN High Electron Mobility Transistor for High Power RF Applications", Superlattices and Microstructure (Elsevier)- **SCI Indexed**, Vol. 109, pp. 725-734, **May 2017**. (SJR=0.58@2016) (H Index=57) (SCI indexed, IF: 2.11).

- 15) P. Murugapandiyan, S. Ravimaran, J. William, "DC and Microwave Characteristics of L_g 50 nm T-Gate InAlN/AlN/GaN HEMT for future High Power RF Applications", Int. J. Electronics and Communication(AEU)- **SCI Indexed**, Vol. 77, pp-163-168, **2017**. (SJR=0.34@2016) (H Index=40) (SCI indexed, IF: 1.147).
- 16) P. Murugapandiyan, S. Ravimaran, J. William, K. Meenakshi Sundaram, "Design and Analysis of 30 nm T-Gate InAlN/GaN HEMT with AlGaN back-barrier for High power Microwave Applications", Superlattices and Microstructure (Elsevier)- **SCI Indexed**, Vol. 111, pp. 1050-1057, **August 2017**. (SCI indexed, IF: 2.11).
- 17) P. Murugapandiyan, S. Ravimaran, J. William, "30 nm T-gate enhancement-mode InAlN/AlN/GaN HEMT on SiC substrates for future high power RF applications", Vol. 38, No. 8, pp. 084001-1-6, Journal of Semiconductors- **SCOPUS indexed**, **August 2017**. (SJR=0.24@2016) (H Index=14).
- 18) P. Murugapandiyan, S. Ravimaran, J. William, "DC and microwave characteristics of AlN spacer based $Al_{0.37}Ga_{0.63}N$ /GaN HEMT on SiC substrates for high power RF applications", Int. J. Nanoelectronics and Materials- **SCOPUS indexed**, Vol. 10, pp-111-122, **2017**. (SJR=0.24@2016) (H Index=4).
- 19) P. Murugapandiyan, S. Ravimaran, J. William, "Static and Dynamic Characteristics of L_g 50 nm InAlN/AlN/GaN HEMT with AlGaN back-barrier for high power millimetre wave applications", Journal of Science: Advanced Materials and Devices, Vol. 2, No.4, pp 515-522, **2017**. (**Indexing in ESCI** - Web of Science).
- 20) P. Murugapandiyan, S. Ravimaran, J. William and Laxmikant D Bordekar, "DC and Microwave Characteristics of L_g 20 nm T-Gate Enhancement Mode $Al_{0.5}Ga_{0.5}N$ /AlN/GaN/ $Al_{0.08}Ga_{0.92}N$ High Electron Mobility Transistor for Next Generation High Power Millimeter Wave Applications", Journal of Nanoelectronics and Optoelectronics - **SCI Indexed**, Vol. 13, No 2, pp. 183-189, **February 2018**. (SJR=0.17@2016) (H Index=17) (IF 0.497).

- 21) Ravindren, VG & Ravimaran, S, 'CCMA- Cloud critical metric assessment framework for scientific computing', Cluster Computing, The Journal of Networks, Software Tools and Applications, **SCI Indexed**, Springer, ISSN:1386-7857, IF-- 2.040, **2017**.
- 22) Ravimaran, S. A.N. Gnana Jeevan and Maluk Mohamed, M.A. "Surrogate object based Mobile Transaction", International Review on Computer Software, **SCOPUS Indexed**, Dec 2013, Volume 8, Issue 12, pp 2837-2848.
- 23) Ravimaran, S. A.N. Gnana Jeevan and Maluk Mohamed, M.A. "An Efficient and dynamic Data Placement , Data mining, and Knowledge Discovery using Surrogate object in Mobile Cloud Paradigm", International Review on Computer Software, **SCOPUS Indexed**, **May 2014**, Volume 9, Issue 5.
- 24) Ravimaran, S., and Maluk Mohamed, M.A. "An Improved Kangaroo Transaction Model using Surrogate Objects for Distributed Mobile System", Proceedings of MobiDE 2011 Tenth International ACM workshop, **SCI Indexed**, on data Engineering and for wireless and Mobile Access, June 12 th **2011**, Athens, Greece (In conjunction with SIGMOD/PODS 2011).
- 25) Ravimaran, S., and Maluk Mohamed, M.A. "Surrogate Object based Data Mining for Distributed Mobile System" , Proceedings of MoMM2011_ERPAS, ACM 9 th International Conference on advances in mobile computing and multimedia", **SCI Indexed**, **2011**, iiWAS2011, 5-7 December, 2011, Ho Chi Minh City, Vietnam.. Copyright 2011 ACM 978-1-4503-0784-0/11/12.
- 26) G. Kalpanadevi, S. Ravimaran, M. Shanmugapriya 2015, "Design of Reconfigurable 2 Way Wilkinson Power Divider for WLAN Applications", World Academy of Science, Engineering and Technology International Journal of Computer, Electrical, Automation, Control and Information Engineering, **SCOPUS Indexed**, Vol:9, No:10, **2015**.
- 27) G. Kalpanadevi, S. Ravimaran, M. Shanmugapriya 2015, " A 2 way Wilkinson Power Divider Realized using One Eighth Wave Transmission Line for GSM Application", World Academy of Science, Engineering and Technology

- International Journal of Computer, Electrical, Automation, Control and Information Engineering, **SCOPUS Indexed**, Vol:9, No:11, **2015**.
- 28) Ravimaran, S. A.N. Gnana Jeevan and Maluk Mohamed, M.A. "Information Security using Surrogate Object Based Encryption in Mobile cloud systems", WSEAS Transactions on Computers, **SCOPUS Indexed**, **July 2015**, Vol 14, E-ISSN 2224-2872, pp 79-87.
- 29) S.Ravimaran, M.A.Maluk Mohamed and Almas Parveen Sharief, "Federated Data Management in Distributed Mobile Cloud", European Journal of Scientific Research, **SCOPUS Indexed**, Volume 86, Issue 4, **2012**.
- 30) Ravimaran,S., and Maluk Mohamed, M.A. "Evolving a Surrogate model of Transaction Management for Mobile Cloud", International Journal of Future Computer and Communication, Vol. 1, No 1, pp 62 -66, June 2012 and Proceedings of ICDCE 2012, International Conference on Distributed Computing Engineering, **June 2-3, 2012**, Hong Kong.
- 31) Ravimaran,S., and Maluk Mohamed, M.A. "Data Management in the Cloud using Surrogate object", International Journal of Future Computer and Communication, Vol. 1, No 2, pp 67 -71, August 2012 and Proceedings of ICAIT 2012, International Conference on Advancements in Information Technology, **June 2-3, 2012**, Hong Kong.
- 32) Ravimaran,S., and Maluk Mohamed, M.A. "Reliable and Fault Tolerant Mobile Transaction Paradigm using Surrogate objects", International Journal of Future Computer and Communication, Vol. 1, No 2, pp 187 -192, August 2012 and Proceedings of ICDCE 2012, International Conference on Distributed Computing Engineering, **June 2-3, 2012**, Hong Kong.
- 33) Anitha.R, Ravimaran,S, "Security Model that prevents Data Leakage in Distributed Mobile Systems Using Surrogate Objects", International Journal of Computer Applications", proceedings of Third International Conference on Advanced Computing and Communication Technologies for High Performance Application, **June 21-23, 2012**.
- 34) M. Anitha, S. Ravimaran, M. A. Maluk Mohamed, and M. Anbazhagan, " Sensor Grid Based Vision Status Monitoring in Eye Care

- System", International Journal of Future Computer and Communication, Vol. 1, No. 1, **June 2012**.
- 35)G. Kanimozhi, S. Ravimaran and M.A. Maluk Mohamed, "Intrusion Prevention System in VPN with Entities Based Access Rule and Vibrant Key Authentication", Proceedings of the 2012 International Conference on Advancements in Information Technology, **2-3, June 2012**, Hong Kong.
- 36)Rithika Saranya and S. Ravimaran, "MF-Secure: Multifactor Security Framework for Distributed Mobile Systems", Proceedings of the 2012 International Conference on Future Computer and Communication, **3-4, August 2012**, Hong Kong.
- 37)C. Ramasamy Sankar Ram and Dr.S. Ravimaran, "A Study of an Aspect-Oriented Programming: Impact of Behavioral Modifications on User Interface Classes with Aspects in Mobile Application Development through REST", Issue 3, IJPPAS104607, **December 2016**.
- 38)Ravindhren, VG & Ravimaran, S, 'Process size based Dynamic scheduling for Resource Optimization in Cloud Environment', Asian Journal of Information Technology, ISSN: 1993-5994(Online), vol. 15, issue 21,**2016**.
- 39)Ravindhren, VG & Ravimaran, S, 'Responsive Multi-objective Load Balancing Transformation Using Particle Swarm Optimization in Cloud Environment', Journal of Advances in Chemistry, ISSN:2321-807X, vol. 12, no. 15, pp. 4816-4825,**2016**.(Annexure – I, Sl.No:5505, Impact Factor 1.778)
- 40)Kalpanadevi, G & Ravimaran, S, '3dB Wilkinson Power Divider Using PTFE Substrate for S-Band Applications', Journal of Advances in Chemistry, vol. 12, no. 25, DOI: 10.24297/ jac.v12i25.1921, **2016**.
- 41)S.Jerald Nirmal Kumar, S.Ravimaran, S.Vatchala, "Secured Drops Framework for Amazing Data Scatter in Cloud using T-Shading Techniques", IOSR Journal of Electronis and Communication Engineerring (IOSR-JECE) e-ISSN 2278-2834,p – ISSN 2278-8735 pp 12-16,**2019**.
- 42)S.Vatchala, A.Sathish, S.Ravimaran, "From Latency, Through Outbreak, To Decline : Detecting Different states of Emergency Events using Web Resources", International Journal of Engineering Research and Modern

- Education , IF 7.018, ISSN online 2455-4200 Vol 4 Issue 2 , **2019**.
- 43)Jerald Nirmal Kumar S, R. Ravimaran & A.Sathish, "Robust Security with Strong Authentication in Mobile Cloud Computing Based on Trefoil Congruity Framework" Journal of Organizational and End User Computing (JOEUC).
- 44)S. Jerald Nirmal Kumar, S. Ravimaran & S. Vatchala, "Secured DROPS Framework for Amazing Data Scatter in Cloud using T-Shading Technique" IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834,p- ISSN: 2278-8735, PP 12-16, 2019.
- 45)A.Sathish, S.Ravimaran, S.Jerald Nirmal Kumar, 2019 Oct, " Automated State Detection Algorithm for Identifying Emergency Events in Web Resources", Issn (e): 2278-4721, Issn (p):2319-6483, PP 15-20.
- 46)Joel Livin and Ravi Maran," Hybridised Algorithm for Cluster Based Optimization in Cooperative Cognitive Radio Networks" Journal of Computational Theory Nano-Science. 18, 550–557 (2021).

Book Chapters

S.Jerald Nirmal Kumar, S.Ravimaran and A.Sathish, "An Efficient Security Mechanism for Cloud Data Using Elliptic Curve Digital Signature Algorithm with Wake-Sleep", chapter in the book with title "Innovation in Computer Science and Engineering: Lecture Notes in Networks and Systems" published by Springer, **USA, 2020**, DOI: org/10.1007/978-981-15-2043-3_61.

Achievements

GRANTS RECEIVED

- **Grant amount of Rs.5,00,000/-** has been recommended from **AICTE** for organizing International Conference on **Edge Computing** in the year 2021-2022.
- Grant amount **Rs.6,00,000/-** has been received from **AICTE** for organizing **National level Faculty Development Programme** on 'Intelligent Big Data **Analytics**' in the year 2017-2018.

- Grant amount **Rs.5,00,000/-** has been recommended from **AICTE** for organizing International Conference on **Artificial Intelligence** in the year 2017-2018.
- Grant amount **Rs.7,00,000/-** has been received from **AICTE** for organizing **National level Faculty Development Programme** on '**Internet of Things – Issues and Challenges**' in the year 2016-2017.
- Grant amount **Rs.1,00,000/-** has been received from **AICTE** for organizing **National level Seminar on Multimedia Information Retrieval - Research Issues**' in the year 2017-2018.
- Received a grant of **Rs. 50,000/-** from **CSIR** to organize **National conference on Recent Trends in Computing**, in the year 2016-2017.

AWARDS

- Certificate of Appreciation, in recognition of tireless pursuit of excellence and outstanding commitment to Pre-Republic day parade camp 2010 held at M.A.M. College of Engineering, between 11-20 of Oct 2010. Govt of India, Ministry of Youth affairs and Sports, NSS Regional Centre, Chennai, 19/10/2010.
- Certificate of Appreciation, in recognition of tireless pursuit of excellence and outstanding commitment to Training camp for Senior & Junior wing Girls NCC 2011 held at M.A.M. College of Engineering, between 08-17 of Jan 2011. 4 (TN) Girls BN NCC, Trichirappalli-12.
- Best Facilitator Award, in recognition of exceptional caliber and outstanding performance as Course coordinator for Infosys Campus Connect Programme, Chennai, April 2014.
- Significant Contribution Award, for exceptional contribution for organizing more number of technical activities in science and Technology, Computer Society of India, Hydrabad, Dec 2014.
- Longest Continuous SBC Award, for exceptional contribution for organizing more number of technical activities in CSI Chapter, Computer Society of India, Hydrabad, Dec 2014.

- Best Student Branch Councilor, for exceptional contribution for organizing more number of technical activities in science and Technology, Computer Society of India, Kolkata, 2012.

ACADEMIC ACHIEVEMENTS

- Produced 91st rank in April/May 2017 and 124th rank in April/May 2018 for Academic performance in Anna University Examinations among 564 engineering colleges in Tamilnadu.
- Subjects Handled in recent years : Distributed Systems, Data Mining, Software Engineering, Grid Computing, Database Management Systems, Service Oriented Architecture, Programming in C & C++, Computer Networks (Produced 90 - 100 % of results in all)

Administrative Responsibilities

❖ Resource management -

- ▶ Developing the department and achieved the highest possible standards of excellence in all its activities.
- ▶ Monitoring and regularly reviewing the performance of the department against department objectives, and report regularly to the Head of the Institution.
- ▶ Managing all faculties within the department, including performance management, staff development, appraisal, induction and succession planning.
- ▶ Establishing appropriate management structures allocate work and working practices so as to enhance effectiveness and efficiency.
- ▶ Contribute to the recruitment and retention of staff in accordance with Institution policies.
- ▶ Developing collaborations across departments, faculties, university, strategic alliance partners and with other institutions.

❖ **Academic management -**

- ▶ Contributing to the teaching and guiding of students in the level of Bachelors, Master of Engineering and Research.
- ▶ Supporting improvement in programme outcomes and its objectives through innovative teaching, learning and assessment methodologies.
- ▶ Preparing budget proposal based on the plans of the department, procuring equipments and establishing laboratories to fulfill the requirement of University curriculum.
- ▶ Organizing seminars, workshops and symposium for transferring knowledge.
- ▶ Coordinating and conducting examination.
- ▶ Counseling the students regularly for improving their personal and career development.
- ▶ Subjects Handled-Distributed Computing, Database Management Systems, Software Engineering, Computer Networks, Information Storage Management, Cloud Computing, Grid Computing, Programming in C and C++ etc.

❖ **Quality management -**

- ▶ Providing leadership to get NBA accreditation and other relevant accreditation pertaining to the Department and Institution.
- ▶ Ensure heightened level of clarity and focus in institutional functioning towards quality enhancement.
- ▶ Ensure enhancement and integration among the various activities of the institution and institutionalize good practices.
- ▶ Motivate the Students to refer National / International Publisher for books and conferences. Motivate the Faculty members to increase their API points by presenting more papers in national and international journals.
- ▶ Getting feedback from students and stakeholders frequently and enhance the quality of teaching and learning process.

- ▶ Involvement in the College and students related activities such as Administration, Examination and evaluation duties, attending the examination paper evaluation, Student related co-curricular, and field based activities such as student clubs, career counseling, study visits, student seminars and other events, cultural, sports, NCC, NSS and community services.
- ▶ Organizing seminars/ conferences/ workshops, other college activities and actively involved in guiding Ph.D students.

Strengths

- Punctual in completing assigned tasks
- Self-confident and Optimistic
- Ability to manage competitive demands
- Flexible and adaptable to changing circumstances
- Patience & Courage
- Loyal & Hard worker
- Good learner

Invited Talk Given

- Realizing Better Business using IT at Hotel Royal Southern organized by SME Tech Forum , New Delhi.
- Oppourtunities in IT at CSE Association of SACET, Trichy.
- Invited Guest Lecture on Distributed Database at CSI – Trichy Chapter & IE.
- Guest Lecture on Distributed System at JCET, Trichy.
- Guest Lecture on Database Management System, PMCTW, Tanjore.
- Guest Lecture on Grid Computing, MIET Engineering College, Trichy.
- Special lecture on “Mobile Transactions” for the third year CSE students of MAM College of Engineering & Technology, Tiruchirappalli.

Conferences, Seminars Attended

- Technology enhanced teaching and learning at Crescent Engineering College, Chennai.
- Seminar on .NET at Femina Hotel organized by IBM.
- Seminar on .NET at Thiyagaraja College of Engineering, Madurai.
- Seminar on 3G Mobile Wireless Training at Hotel Sangam organized by AIS, PACE Softwares.
- Seminar on Realize Better Business using IT at Hotel Royal Southern organized by SME Tech Forum, New Delhi.
- Seminar on Computer based and Web Based Tutorial at Hotel Sangam organized by Internet User Club.
- Workshop on VLSI Design at ELCOT, Chennai.
- Workshop on Digital Imaging and Visualization at SASTRA, Tanjore.
- Workshop on Application of Mathematics in Engineering and Technology at PMCTW, Vallam.
- Participated in the Training Programme on Instructional Design and Delivery conducted by National Institute of Technical Teachers Training & Research, Chennai, Govt of India, Ministry of Human Resource Development.
- Participated in One day workshop on Internet Programming for E-Commerce organized by Computer Society of India at Mookambigai College of Engg, Keeranur on 19/02/2000.
- Co-ordinating and successfully completing the 12 day Training Programme during Oct-Nov 2005 on Building Skills of SHG Women in Establishing Information Kiosks.
- 41st National Annual Convention of CSI organized by CSI – Kolkatta Chapter, Sep 23-25, 2006.
- Oneday Workshop on Software Development Trends in Technologies and Methodologies held at BUTP, Trichy on 19/03/2007.
- Oneday Workshop on Mobile and Pervasive Computing held at NIT, Trichy on 04/08/2007.

- RIP on Service Oriented Architecture held between 20-23, Oct 2007 organized by Centre for Academic Excellence, Anna University ,Trichy – 620024.
- RIP on Database System held between 13-16, Dec 2007 organized by Centre for Academic Excellence, Anna University Trichy – 620024.
- Workshop on NetworkSecurity , organized by Sudharsan Engineering College, 8th march 2008.
- One day workshop on Emerging Trends in Information technologies, 15th March 2008, organized by CSI- Trichy chapter & BUTP.
- One day Workshop on Trends in Service Oriented Architecture, 15th Feb 2009, organized by CSI- Trichy chapter & BUTP.
- International workshop on Distributed Systems (IWDS'09) 08-10 Dec 2009, Conducted by IITM, Chennai.

Conferences, Seminars organized

- Chairman – Local Organizing committee – NCOOT – National Conference on Object Oriented Technology during the year Aug 2004
- Co-ordinator – Faculty Development Programme during the year 2003-2004 at MAMCE
- Convener – Comblaze , National Level Technical Symposium at MAMCE – 8 Times
- Convener – Job Fair conducted at MAMCE
- Convener - Hardware Training Programme for Polytechnic Students – 5 Times
- Convener – Computer Training Programme for Police Officials – 8 Times
- Co-ordinator – Value Added Programme conducted during Evening hours for the welfare of the Students
- Convener – Computer Training Programme for SHG Women's – 2 Times
- Chairman – Organizing Committee – Industry –Institute –Interaction programme – 9 Times.

Other Relevant Information

- In-charge – Time Table preparation, Academic Calendar, Academic Schedule
- Co-ordinator – Attendance Committee & Member – Sport Committee
- Convenor – Reception committee – Freshers Day, Xtazee, College & Sports Day
- In-charge for Feedback & Cycle Test Report Preparation
- Developed and maintaining a Software for College Payroll System
- Coordinator – Exam cell since 2011 & Convener – Graduation Day since 2004
- Organizer cum Co-ordinator – Various Department Activity like Quiz, Paper presentation, Group Discussion, workshop, co-curricular activity, Panel Discussion, National level Symposium, National Level Workshop etc.,

Professional Membership

- Computer Society of India - LifeTime Membership
- Indian Society for Technical Education – LifeTime Membership
- Institute of Engineers(India) - LifeTime Membership

Professional Services

- Co-Opted Member to the Executive Committee, Computer Society of India, Tiruchirappalli chapter since April 2004
- Chairman Local Organizing Committee for National Conference on Object Oriented Technology organized by Forum for Promotion of Software Engineering (F-POSE) Tiruchirappalli , Tamilnadu, 6-7 Aug 2004
- Organizer for National Student Convention of CSI Tiruchirappalli Chapter in the year 2003
- Student Branch Counsellor of CSI Student Branch of MAMCE from the year 2001
- Chairperson & Convener for National Level Technical Symposium Comblaze form the year 2001

- Chairman Organizing Committee for National Conference on Computing & Informatics NCCI 208, organized by Department of Computer science and engineering and CSI Trichy Chapter, Tiruchirappalli , Tamilnadu, 19 Sep 2008.
- Chairman Organizing Committee for National Conference on Computing & Informatics NCCI 2009, organized by Department of Computer science and engineering and CSI Trichy Chapter, Tiruchirappalli , Tamilnadu, Dec 2009.
- Organizing committee convener for One day workshop on Pervasive computing and Trends in Service Oriented Architecture organized by CSI-Trichirappalli chapter in association with BUTP.

Webinars Hosted

1. Webinar on Learning++ by Shri Krishnan Rajagopalan, Senior Technical Consultant, MOSIP - Modular Open Source Identity Platform, Time: Jul 28, 2020 11:00 AM IST.
2. Webinar on Opportunities for Freshers in the Data Analytics Industry by Mr.Ahamed Khalid, Vice President, Imarticus Learning, Mumbai, Time July 27, 2020, 11.00 AM IST.
3. Webinar on ROBOT Operating System by Mr.A H Aajasekharan, Co-Founder, Accelmove Dynamics Pvt Ltd. & Founder STEM Robotics International Pvt. Ltd., Time July 22, 2020, 11.00 AM IST.
4. International Webinar on Container Technology by Mr.M.Raja, Vice President of Engineering, Transperfect, Cupertino, California, Time July 20,2020, 9.30 AM IST.
5. International Webinar on Make It or Break It by Mr.Murali Dhanavelu, Assistant Vice President, Comercial Lines data Delivery Lead, Enterprise Data Office at hartford, Time July 11,2020, 6.00 PM IST.
6. International Webinar on Technology to Play in the Post Pandamic World by Dr.Rajakannu Amuthakannan, Associate Professor, Department of Mechanical and Industrial Engineering, National University, Muscat, Sulathanate Oman, Time July 10,2020, 10.00 AM IST.

7. Webinar on Data Science Nuts and Bolts by Dr A Vadivel, Associate Professor, Department of CSE, SRM University Amaravathy campus, Time June 30, 2020, 11.00 AM IST.
8. Webinar on SOC-FPGA for High Performance Computing by Prasanna Vemkatesh Balasubramanian, Sr, Technical Architect, VLSI Team, HCL Technologies, Chennai, Time June 20, 2020, 11.00 AM IST.
9. Webinar on Becoming an Entrepreneur by Srinivasan Viswanathan, Co-founder, Ultimate Business Advisors LLP, Time June 18, 2020, 10.30 AM IST.
10. Webinar on Opportunities for Engineers in Renewable Energy to become an Entrepreneur by Dr C Sethuraman, Principal Scientist, Associate Professor, CSIR-CSIO, Chennai and Dr. Sanjay Vashistha, CEO & Director, First Green Consulting Pvt Ltd, Gurgaon, Haryana, India Time June 22, 2020, 11.00 AM IST.
11. Webinar on Nothing is impossible by Prof. Jeyarajasekar, Principal, College of Hospital Administration, Dr Somervell Memorial CSI Hospital, Trivandrum, Kerala, Time May 26, 2020, 11.00 AM IST.
12. Webinar on Renewable Energy - An Outlook by Dr S Devarajan, Director, Sathyanarayana Renewable Energy, Gurugram, Delhi-NCR, Time July 06, 2020, 10.20 AM IST.
13. Webinar on Business Analytics using R Programming by Dr. Gayathri Devi Somasundaram, Assistant Professor, Department of CSE, School of Computing, SASTRA University, Time July 02, 2020, 11.00 AM IST.
14. Webinar on Career Opportunities in IT and ITES Sector by Preethi BR, Head - Human Resources, FE Fundinfo in association with ICT Academy, Time May 29, 2020, 12.00 Noon IST.
15. Webinar on Become a MEP Professionals for Core Industries by Mrs. S. Revathy, Training Manager, Conserve Green Building & MEP solutions LLP, Qatar, Time June 23, 2020, 10.30 AM IST.
16. Webinar on Art of Publishing Quality Research by Dr. P. Shanmuga Sundari, School of Computer Science and Engineering, VIT University, Time May 30, 2020, 10.00 AM IST.

17. Webinar on Rist to Win by Dr J Karthikeyan, Associate Professor, Department of English, VIT University, Time May 27, 2020, 11.00 AM IST.
18. Webinar on Employability Skills for the Future by Prashanth Ganesh, DevOps team Lead, RFPIO Inc, Time May 07, 2020, 11.00 AM IST.
19. Webinar on Employability Skills for the Future by Balaji Kothandam, Funder and Partner, Powerol Energy Systems, Time June 11, 2020, 11.00.
20. Webinar on Cleaner Production Technology for Industrial Waste Management by Dr.P.Arulmathi, Assistant Professor, Department of CIVIL Engineering, University College of Engineering, Dindugal, Time June 13, 2020, 11.30 AM IST.
21. Webinar of Reflections on Globalization by Mr.Prabhu Nambiappan , Chief HR Officer, Ramco Group, Time June 15, 2020, 10.30 AM IST.

Webinars Attended

1. The Power of a Teacher Conducted By ICT ACADEMY-SKY CAMPUS On 04/05/2020.
2. Futuristic Information And Communication Technologies Conducted By Computer Society Of India On 10/05/2020.
3. The Power of you Conducted By ICT ACADEMY-SKY CAMPUS On 11/05/2020.
4. 5g As An Enabler In Digital Transformation Conducted By Ict Academy-Sky Campus On 18/05/2020.
5. Industry 4.0conducted By Sri Eswar College Of Engineering,Coimbatore On 19/05/2020.
6. Application Of Space Technology In our Day To Day Life Conducted By Sri Venkateswaraa College Of Technology, Sriperumputhur On 19/05/2020.
7. Future Of Communication Engineering Conducted By Sri Eswar College Of Engineering,Coimbatore on 20/05/2020.
8. Emerging Opportunities In Civil Engineering Conducted By Sri Venkateswaraa College of Technology, Sriperumputhur on 20/05/2020.
9. You Can Do It Conducted By Ict Academy-Sky Campus on 20/05/2020.

10. Personal Financial Management Conducted By ICT ACADEMY-SKY CAMPUS On 20/05/2020.
11. Beyond Covid-Leading Through Change Conducted By Ict Academy-Sky CAMPUS on 21/05/2020.
12. Technology-The Future Of Recruitment Conducted By Sri Eswar College Of Engineering,Coimbatore on 23/05/2020.
13. Accelerating Industry 4.0 - A Post Covid Paradigm, Conversation On Industry 4.0-A Post Covid Paradigm Conducted By Ict Academy-Sky Campus on 25/05/2020.
14. Accelerating Industry 4.0 -A Post Covid Paradigm : Accelerating Industry 4.0-A Learning And Development Perspective Conducted By ICT ACADEMY-SKY CAMPUS on 26/05/2020.
15. Accelerating Industry 4.0 -A Post Covid Paradigm Impact Of Artificial Intelligence And Cognitive Computing, Post Covid 2019 Conducted By Ict Academy-Sky Campus On 27/05/2020.
16. Key To Success conducted By ICT ACADEMY-SKY CAMPUS on 27/05/2020.
17. Discover The Diamond In You Conducted By ICT ACADEMY-SKY CAMPUS on 28/05/2020.
18. Catching The Cyber Virus Conducted By ICT ACADEMY-SKY CAMPUS on 29/05/2020.
19. How To Prepare A Professional Resume Conducted By Sri Eswar College of Engineering,Coimbatore On 01/06/2020.
20. Agile Methodology Conducted By Sri Eswar College of Engineering,Coimbatore On 03/06/2020.
21. Improving The Skillset & Changing The Attitude Conducted By Ict Academy-Sky Campus On 05/06/2020.
22. Industrial Internet Of Things Conducted By Panimalar Institute Of Technology,Chennai On 05/06/2020.
23. Role Of Technology In Customer Experience During Covid-19 Times Conducted By Sri Eswar College Of Engineering,Coimbatore On 06/06/2020.
24. Virtual Classes-Are You Ready Conducted By Sri Eswar College Of

- Engineering, Coimbatore On 08/06/2020.
25. Key To Success Conducted By ICT ACADEMY-SKY CAMPUS On 08/06/2020.
 26. Ergonomic Design Principles Conducted By Sri Eswar College Of Engineering,Coimbatore on 09/06/2020.
 27. Aspire-Plan-Execute-Achieve (A Life Changing Webinar On Goal Setting) Conducted By Sri Eswar College Of Engineering,Coimbatore on 10/06/2020.
 28. Dare To Win Conducted By Ict Academy-Sky Campus on 10/06/2020.
 29. Experiential Learning-For A Stronger Engineering Foundation Conducted By Sri Eswar College Of Engineering,Coimbatore on 13/06/2020.
 30. Future Of Education Conducted By ICT ACADEMY-SKY CAMPUS on 18/06/2020
 31. Where Will You Fit Into A Real Time Project Conducted By Sri Eswar College Of Engineering,Coimbatore on 02/07/2020
 32. Cae For Project Design-An Insight Conducted By Sri Eswar College Of Engineering,Coimbatore on 03/07/2020
 33. Quit Your Comfort Zone And Hit Your Target Conducted By Sri Eswar College Of Engineering,Coimbatore on 08/07/2020
 34. Automative Infotainment System-An Overview Conducted By Sri Eswar College Of Engineering,Coimbatore on 15/07/2020
 35. Convergence-2020 Conducted By ICT ACADEMY On 15/07/2020
 36. Digital Teaching Techniques Conducted By ICT ACADEMY On 29-Jun-2020 To 4-Jul-2020 & Attended **ICT Academy** Global Technology Forum **2020** (GTF2020), **GTF2020** - Series of 4 International **Conferences** between 14-18 October 2020.