

Name : Dr.S.Pandikumar
Designation : Assistant Professor
Department : Computer Science
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Educational Qualification:

Degree	Subject	Board/University	Year of Completed
Ph.D.	Computer Science	M.K.University, Madurai	2019
M.Phil.	Computer Science	M.S.University, Tirunelveli	2013
MCA	Computer Applications	Bharathiar University, Coimbatore	2007
BCA	Computer Applications	Bharathiar University, Coimbatore	2004

Specialisation in Teaching: C++, C#, Operating System and Computer Network.

Specialisation in Research: Mobile Computing, IoT and Green Computing.

Research Interests: Ambient Intelligence.

Other Work Experience:

Designation	Institution / Company	Year (From – To)
Assistant Professor	AyyaNadarJanakiAmmal College, Sivakasi.	Feb 2008 to April 2011
Assistant Professor	Thiagarajar College, Madurai.	Jan 2012 to May 2013
Assistant Professor	SubbalakshmiLakshmiPathy College of Science, Madurai.	May 2013 to Mar 2017
Assistant Professor	Sri Krishna Adithya College of Arts and Science, Coimbatore.	May 2017 to Feb 2018
Assistant Professor	Arul Anandar College, Madurai.	June 2018 to July 2019
Developer	Candelasoft Technologies, Madurai.	May 2011 to Dec 2011

Publication of Books (13 Nos) (All Books are available in amazon.in)

S.No	Book Name	ISBN	Publisher	Year
	EngalAasiriyar PK sir	9789353827960	Naplin Publications, Madurai	2020
1	C++ Programming through Memes	9789353826123	Naplin Publications, Madurai	2019
2	Operating System Concepts through Memes	9789353512743	Naplin Publications, Madurai.	2019
3	Into the Wild: Energy Efficient Research	9789352670741	Naplin Publications, Madurai.	2019
4	WhatsAppVaasipugal	9789352815463	Naplin Publications, Madurai.	2019
5	VagupparaiKathaigal	9789353464332	Naplin Publications, Madurai.	2018
6	My Research Begins with 3G Networks	9789352653386	Naplin Publications, Madurai.	2016
7	Origin of Modern Research	9789351263562	Naplin Publications, Madurai.	2014
8	Environ Bits & Bytes	9789351269175	Naplin Publications, Madurai.	2013
9	GSM Projects with C#	9789351269199	Naplin Publications, Madurai.	2013
10	MaanavarPanbhukKathaigal	9789350877098	Naplin Publications, Madurai.	2012
11	Mastering C#	9789350870686	Naplin Publications, Madurai	2012
12	Exploring C#.Net	9789350870679	Naplin Publications, Madurai	2011
13	C#.Net For Beginners	9789380487069	M.S.K Publications, Salem.	2010

Publications in Scopus/UGC Listed Journals (30Nos)

- 1) “Brain Tumor Identification Using Hybrid Genetic Algorithm with OTSU Segmentation”, International journal of Test engineering and management, ISSN: 01934120 (Scopus Indexed), Volume 83, pp. 9798 – 9804, Publication Issue: March - April 2020.
<http://www.testmagazine.biz/index.php/testmagazine/article/view/5378>
- 2) “Computer Science through Memes – A Proposal of New Teaching Pedagogy” Inam: International E-Journal of Tamil Studies (ISSN: 2455-0531), Vol –V, Issue-20, pp.58-66, Sep 2019.
- 3) “Secured Policy based Resource Access and User Authentication in Ubiquitous Computing Environment” International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278-3075 (Scopus Indexed), Volume-9, Issue-1, pp. 1836-1841, November2019.<https://www.ijtee.org/wp-content/uploads/papers/v9i1/A4731119119.pdf>
- 4) “Fleet Automation Using IoT Logistics”, International Journal of Engineering and Advanced Technology (ISSN: 2249 –8958)(Scopus Indexed),Volume-8 Issue-6, pp. 4231-4238, August 2019. <https://www.ijeat.org/wp-content/uploads/papers/v8i6/F8911088619.pdf>
- 5) “Energy Efficient Algorithm for High Speed Packet Data Transfer on Smartphone Environment”, International Journal of Engineering and Advanced Technology (2249 – 8958) (Scopus Indexed), Volume-8 Issue-6, pp.2644-2658, August 2019.
<https://www.ijeat.org/wp-content/uploads/papers/v8i6/F8668088619.pdf>
- 6) “Anatomizing IoT for 21st Century Education System”, International Journal of Management Technology and Engineering (2249-7455) (UGC Listed), Volume 8, Issue XII, pp. 1499-1502, Dec 2018. <http://ijamtes.org/gallery/172-dec.pdf>.
- 7) “PS Energy Optimization: A Proposed Model of Adaptive Radio Connection Management”, International Journal of Management Technology and Engineering (2249-

- 7455) (UGC Listed), Volume 8, Issue XII, pp. 1508-1519, Dec 2018.
<http://ijamtes.org/gallery/174-dec.pdf>
- 8) “*Analyse the Impact of Social Media in Higher Education*”, International Journal of Scientific Research in Computer Science Applications and Management Studies (2319-1953) (UGC Listed), Volume 7, Issue 4, 2018.
http://www.ijsrcsams.com/images/stories/Past_Issue_Docs/ijsrcsamsv7i4p194.pdf
 - 9) “*Study and Analysis of User Interaction Patterns in a Smartphone Environment*” International Journal of Innovative Knowledge Concepts(2454-2415) (UGC Listed), Vol 6, No. 10, pp.180-189, 2018. <http://www.ijikc.co.in/index.php/ijikc/article/view/1402>
 - 10) “*A Comprehensive Exploration of Smartphone Network Traffic and Application Wakeup Pattern*” International Journal of Scientific Research in Computer Science Applications and Management Studies (2319-1953) (UGC Listed), Volume 7, Issue 4, 2018.
http://www.ijsrcsams.com/images/stories/Past_Issue_Docs/ijsrcsamsv7i4p185.pdf
 - 11) “*Analysis of Radio Resource Energy Consumption Pattern in Cellular Network*”, International Journal of Computer Sciences and Engineering (2347-2693) (UGC Listed), Vol.6, Issue.7, pp.96-105, Aug 2018.
http://www.ijcseonline.org/full_paper_view.php?paper_id=2400
 - 12) “*Energy Efficient Developments of Smartphone Environment and Cellular Network – Opportunities and Challenges*”, International Journal of Computer Sciences and Engineering (2347-2693) (UGC Listed), Vol.6, Issue.7, pp.404-413, Aug 2018.
http://www.ijcseonline.org/full_paper_view.php?paper_id=2448
 - 13) “*Anatomizing the Influence of the Screen States and Radio Signaling in Energy Consumption of Smartphone*”, International Journal of Advanced Research in Science and Engineering (2319-8354) (UGC Listed), Vol 7, Issue 7, pp. 1215-1227, May 2018.
<http://ijarse.com/currentissue.php?id=172>
 - 14) “*IoT: The Building Blocks of Smart Cities*”, International Journal of Advanced Research in Science and Engineering (2319-8354) (UGC Listed), Vol 7, Issue 7, pp.2083-88, Mar 2018. <http://www.ijarse.com/currentissue.php?id=166>
 - 15) “*Technology Overview and Future Trends of NarrowBandIoT*”, International Journal of Innovations & Advancement in Computer Science (2347 – 8616) (UGC Listed), Volume 6, Issue 11 Nov 2017.
<http://academicscience.co.in/issue.php?id=9&journal=IJACS&sid=70>
 - 16) “*STEM Education: Key to Modern Society*”, International Journal of Advanced Research in Science and Engineering (2319-8354) (UGC Listed), Vol 6, Issue 10, pp.2083-88, Oct 2017. http://ijarse.com/images/fullpdf/1509263723_220_IJARSE.pdf
 - 17) “*Efficient Vehicle Tracking and Monitoring System Using GPS And GSM*”, International Journal of Computer Science (2348-6600) (UGC Listed), Volume 5, Issue 1, No 4, 2017.
<http://www.ijcsjournal.com/archives3.html?abc=212>
 - 18) “*Analysis of Energy Profilers in Smartphone Environment*”, International Journal of Advanced Research in Science and Engineering (2319-8354) (UGC Listed), Vol 6, Issue 2, pp.20-29, Feb 2017.
http://www.ijarse.com/images/fullpdf/1485769008_S130ijarse.pdf
 - 19) “*Comparative Study on Energy Efficient GUI in Smartphone Environment*”, International Journal of Innovative Research in Science, Engineering and Technology (2319-8753), Vol 4, Issue 8, pp.6983 August 2015,
http://ijirset.com/upload/2015/august/38_Comparative.pdf

- 20) “*Investigation on the Revolution and Need of Energy Efficient Smartphone Development*”, International Journal of Computer Applications (0975-8887) (UGC Listed), Vol 117 – No.11, May 2015. <http://www.ijcaonline.org/archives/volume117/number11/20595-3091>
- 21) “*Internet of Things Based Architecture of Web and Smart Home Interface Using GSM*”, International Journal of Innovative Research in Science, Engineering and Technology (2319 - 8753), India, Vol: 3, Special Issue 3, March 2014. http://ijirset.com/upload/2014/iciet/it/8_611.pdf
- 22) “*Analysis and Principles of Green UI Design for Web Portals*”, International Journal of Innovative Research in Computer and Communication Engineering (2320-9798) India, Vol: 2, Special Issue: 1, March 2014. <http://www.ijirce.com/special-issue-icgict-2014-326-437.html>
- 23) “*Approach and Analysis of M-Learning in Higher Education*”, International Journal of Advanced Research in Computer Science (0976-5697) India, Vol: 5, No:1, pp. 160-163, Feb 2014. <http://connection.ebscohost.com/c/articles/94969191/approach-analysis-m-learning-higher-education>
- 24) “*Sensor Based Smart Learning Environment using Ambient Intelligence*”, Journal of NanoScience and NanoTechnology (2279-0381) India, Vol: 2, Issue: 2, pp. 193-197, Feb 2014. [http://indiasciencetech.com/index.php?journal=nanotechnology&page=article&op=view&path\[\]=61](http://indiasciencetech.com/index.php?journal=nanotechnology&page=article&op=view&path[]=61)
- 25) “*Principles and Holistic Design of Green Web Portal*”, International Journal of Computer Applications (0975-8887) (UGC Listed), New York, Volume 65– No.9, pp. 23-29, March 2013, <http://www.ijcaonline.org/archives/volume65/number9/10953-5913>
- 26) “*Architecture of GSM based WSN for Greenhouse Monitoring System in Ambient Intelligence Environment*”, International Journal of Computer Applications (0975-8887) (UGC Listed), Volume 63– No.6, pp. 1-5, Feb 2013. <http://www.ijcaonline.org/archives/volume63/number6/10467-5187>
- 27) “*Green IT: A Study and Analysis of Environmental Impact of Social Networks and Search Engines*”, International Journal of Computer Applications (0975-8887) (UGC Listed), Vol: 60 No.6, pp. 17-22, December 2012. <http://www.ijcaonline.org/archives/volume60/number6/9695-4135>
- 28) “*A Design of Authentication and Access Control Model for Remote Access Using GSM Technologies*”, International Journal of Computer Applications (0975-8887) (UGC Listed), Vol: 57, No.14, pp.12-15, November 2012. <http://www.ijcaonline.org/archives/volume57/number14/9181-3601>
- 29) “*A Model for GSM Based Intelligence PC Monitoring System*”, International Journal of Advanced Computer Science and Technology (2249-3123), Vol:2, Number 2(2012), pp.85-88. <http://www.ripublication.com/Volume/ijacstv2n2.htm>
- 30) “*Green IT: A Study and Practice of Greener Computing Environment*”, International Journal of Advanced Software Engineering (2249-3069), Volume 2, Number 1 (2012), pp.19-25. <http://www.ripublication.com/Volume/ijasev2n1.htm>

Press & Media Contribution (15 Nos)

- 1) My interview is published in Daily Thanthi (National Newspaper) on 07-09-2019

- 2) My teacher's day interview article published in The Hindu (Tamil Web Edition) on 05.09.19
- 3) My teacher's day special interview regarding "Teaching by memes" is telecasted in Sun News TV (National Media) on 05.09.19.
- 4) My teacher's day special interview regarding "Teaching by memes" is telecasted in Puthiyathalaimurai TV (National Media) on 05.09.19.
- 5) My interview broadcasted in Hello FM (Madurai) through audio and Video in their channel
On 25.07.19.
<https://www.facebook.com/435650216637675/posts/1440497482819605/>
- 6) My Interview article published about Memes Teaching in Vikatan Magazine (Online) on 10.07.2010.
- 7) My Interview broadcasted in News 7 Tamil channel about "Teaching by Memes" on 26.06.19 the link is <https://youtu.be/QqvtCgfS7JU>
- 8) Special article published about my operating system memes book in EEnadu national media on 13.03.2019.
- 9) Participated a Teachers day Pattimandram and Kaviyarangam organized by Tamil Mandram at Sri Krishna Adithya College of Arts and Science, Coimbatore on 06.09.2017.
- 10) Participated a PongalPattimandram organized Syamalavani FM at Subbalakshmilakshmipathy College of Science, Madurai on 06.01.2017.
<https://www.youtube.com/watch?v=ERUYhn0V19o>
- 11) Published an article about "Future of Networking field" published in Dinamalar daily newspaper, 15.08.2016.
- 12) Published an article about "*A Study on Fresher's Aspiration in Job Seeking Reference with Madurai College Students*", in PuthiyaThalaimurai magazine, 10-August-2012.
- 13) Published an article about "*A Study on Savings and Investment Attitude of Middle Class People in Madurai District*", in PuthiyaThalaimurai magazine, 21-September-2012.
- 14) Published an article about "*A study on Attitude and Behaviors of Middle Class Home Makers in Madurai District*", in PuthiyaThalaimurai magazine, 19-October-2012.
- 15) Having Youtube channel with more than 70 Videos (related to education, trekking, my speech, dubsplash and cooking).

Paper Presented in International/National Conferences/Seminars (55Nos)

- 1) Presented a paper entitled "Brain Tumor Identification using Hybrid Genetic Algorithm with OTSU Segmentation" in International conference on Digital Transformation held at The American College, Madurai, on 5th& 6th March 2020.
- 2) Presented a paper entitled "Analyse the Role of IoT in Agriculture" in National seminar on Internet of Things held at AyyaNadarJanakiAmmal College, Sivakasi, on 21st Feb 2020.
- 3) Presented a paper entitled "Contribution of IoT in Public Safety" in National seminar on Internet of Things held at AyyaNadarJanakiAmmal College, Sivakasi, on 21st Feb 2020.
- 4) Presented a paper entitled "Opportunities and Challenges of Employability in Tourism Industry" in International seminar on the Entrepreneurship in the Hospitality and Tourism Industry held on 19th Feb 2020 at SubbalakshmiLakshmipathy College of Science, Madurai. ISBN:9789353968106.
- 5) Presented a paper entitled "Impact of Traveling in Mental Health and Life Style" in International seminar on the Entrepreneurship in the Hospitality and Tourism Industry held

on 19th Feb 2020 at SubbalakshmiLakshmiPathy College of Science, Madurai. ISBN:9789353968106.

- 6) Presented a paper entitled “Secured Policy-based Resource Access and User Authentication in Ubiquitous Computing Environment” in Seventh International conference on the Advances in Information Technology and Networking held on 7th Feb 2020 at Dr.G.R.Damodaran College of Science, Coimbatore, ISBN:9788192798554.
- 7) Presented a paper entitled “SMS based Secured Key Exchange Protocol for Symmetric Key Cryptography” in Seventh International conference on the Advances in Information Technology and Networking held on 7th Feb 2020 at Dr.G.R.Damodaran College of Science, Coimbatore, ISBN:9788192798554.
- 8) Presented a paper entitled “Energy Efficient Algorithm for High Speed Packet Data Transfer on Smartphone Environment” in 3 days India International Science Festival from 5th to 7th Nov 2019 organized by Govt. of India at Kolkata.
- 9) Presented a paper entitled “Role of Smartphone in Tourism and Hospitality Industries” in One Day National Conference on Globalization and Its Impact on Tourism and Hospitality Education in India held on 22nd Feb 2019 at SubbalakshmiLakshmiPathy College of Science, Madurai.
- 10) Presented a paper entitled “Role and impact of ICT in Tourism and Hospitality” in One Day National Conference on Globalization and Its Impact on Tourism and Hospitality Education in India held on 22nd Feb 2019 at SubbalakshmiLakshmiPathy College of Science, Madurai.
- 11) Presented a paper entitled “Analyse the Issues of Secured Transactions in Online Banking” in One Day National Conference on Impact on Digital Entrepreneurship in India held on 25th Feb 2019 at Arul Anandar College, Karumathur, Madurai.
- 12) Presented a paper entitled “Influence of the Big Five Personality Traits on Academic Motivation among Higher Education Students” in One Day National Conference on Impact on Digital Entrepreneurship in India held on 25th Feb 2019 at Arul Anandar College, Karumathur, Madurai.
- 13) Presented a paper entitled “Web Mining Techniques for Fake News Detection for Social Networks” in UGC Sponsored Three Days National Conference on Social Media: Authentication & Social Transformation held on 30th, 31st Jan & 1st Feb 2019 at Arul Anandar College, Karumathur, Madurai.
- 14) Presented a paper entitled “User’s attitude towards the usage of smartphone” in UGC Sponsored Three Days National Conference On Social Media: Authentication & Social Transformation held on 30th, 31st Jan & 1st Feb 2019 at Arul Anandar College, Karumathur, Madurai.
- 15) Presented a paper entitled “Analyze the pattern of Smartphone Network Traffic and Application Wakeup Pattern” in UGC Sponsored Three Days National Conference on Social Media: Authentication & Social Transformation held on 30th, 31st Jan & 1st Feb 2019 at Arul Anandar College, Karumathur, Madurai.
- 16) Presented a paper entitled “Convergence of Big Data and Internet of Things - Study and Analysis” in UGC Sponsored Three Days National Conference on Social Media: Authentication & Social Transformation held on 30th, 31st Jan & 1st Feb 2019 at Arul Anandar College, Karumathur, Madurai.

- 17) Presented a paper entitled “*PS Energy Optimization: A Proposed Model of Adaptive Radio Connection Management*”, in the 4th International Conference on Science, Technology & Management held on 9th Dec 2018 at Institution of Engineers India, Chandigar. ISBN: 9789387433472
- 18) Presented a paper entitled “*Anatomizing IoT for 21st Century Education System*”, in the 4th International conference on Science, Technology & Management held on 9th Dec 2018 at Institution of Engineers India, Chandigar. ISBN: 9789387433472
- 19) Presented a paper entitled “*Analyse the Impact of Social Media in Higher Education*”, in the National Conference on Enhancing Employability through Enterprise Education held on 25th Sep 2018 at Arul Anandar College, Karumathur.
- 20) Presented a paper entitled “*The Emerging Role of ICT in Higher Education System*”, in the National Conference on Enhancing Employability through Enterprise Education held on 25th Sep 2018 at Arul Anandar College, Karumathur.
- 21) Presented a paper entitled “*PS Energy Optimization: A Proposed Model of Adaptive Radio Connection Management*”, International Conference on Research Trends in Computing Technology held on 10th August 2018 at Dr.N.G.P Arts and Science College, Coimbatore. ISBN: 9789387862012
- 22) Presented a paper entitled “*Anatomizing the Influence of the Screen States and Radio Signaling in Energy Consumption of Smartphone*”, 13th International Conference on Recent Trends in Engineering Science and Management held on 23rd& 24th April 2018 at REVA University, Bangalore ISBN: 9789387793132.
- 23) Presented a paper entitled “*IoT: The Building Blocks of Smart Cities*”, 12th International Conference on Science, Technology and Management (ICSTM-18) held on 31st March 2018 at Guru Gobind Singh Polytechnic, Nashik. ISBN: 9789387793170.
- 24) Presented a paper entitled “*Technology Overview and Future Trends of NarrowBandIoT*”, in 4th International Conference on Science, Technology & Management held on 12th November 2017 at The Institution of Electronics and Telecommunication, Pune. ISBN: 9789387433007.
- 25) Presented a paper entitled “*STEM Education: Key To Modern Society*”, in 2nd International Conference on Academic Research in Engineering and Management ICAREM-2017 held on 28th October 2017 at IETE, Bhopal, M.P (India). ISBN: 9789386171290.
- 26) Presented a paper entitled “*ELIoT: Educators' Learners' and Internet of Things*”, in National conference on Technology Enabled Learning and Leading held at Sri Venkateswara College of Education, Pondichery on 25th Feb 2017.
- 27) Presented a paper entitled “*Beginning Journey Towards Learner-Centered Teaching: Theory and Practice*”, in National conference on Technology Enabled Learning and Leading held at Sri Venkateswara College of Education, Pondichery on 25th Feb 2017.
- 28) Presented a paper entitled “*Analysis of Energy Profilers in Smartphone Environment*” in International conference on Recent Trends in Engineering, Science, Humanities and Management, held at SRNM College, Sattur on 2nd& 3rd Feb 2017. ISBN: 9789386171184
- 29) Presented a paper entitled “*Efficient Vehicle Tracking and Monitoring System Using GPS and GSM*” in National conference on Computer and Communication, held at Sri Vasavi College, Erode on 3rd Feb 2017.

- 30) Presented a paper entitled "*Internet of Things*" in National conference on Recent Trends in IT Technologies, held at Mangayarkarasi College of Arts & Science for Women, Madurai on 27th Aug 2016.
- 31) Presented a paper entitled "*A Study on Impact of Stress Towards Students Facing in Examination*" in National conference on Educational Technology in Teacher Education in 21st Century, held at Government College of Education for Women, Coimbatore on 26th & 27th may 2016.
- 32) Presented a paper entitled "*Challenges and Design of Energy Aware Developments in Cellular Networks*" in international conference on contemporary challenges in service sector and manufacturing sector, held at Excel Business School, komarapalayam on 26.02.2016
- 33) Presented a paper entitled "*Overview of Right To Education Act In India*" in NAAC Sponsored State Level Seminar on Quality Skill Enhancement Initiatives in Higher Educational Institution-Role of IQAC in Quality Skill Enhancement and Sustenance held at SubbalakshmiLakshmipathy College of Science, Madurai on 29th Feb 2016.
- 34) Presented a paper entitled "*Role and Impact of Social Media and Social Networks on Education and Students in India*" in NAAC Sponsored State Level Seminar on Quality Skill Enhancement Initiatives in Higher Educational Institution-Role of IQAC in Quality Skill Enhancement and Sustenance held at SubbalakshmiLakshmipathy College of Science, Madurai on 29th Feb 2016.
- 35) Presented a paper entitled "*Study and Analysis of RRC State Transition in 3G Networks*" in International Conference on Big Data and Cloud, held at Sri AdiChunchanagiriWomens College, Cumbam on 23rd Feb 2016.
- 36) Presented a paper entitled "*A Walkthrough the Working Architecture of High Speed Mobile Networks and Energy Saving Perspective*" in International Seminar on Emerging Trends in Global Business, held at Nehru Memorial College, Trichy on 16th Feb 2016.
- 37) Presented a paper entitled "*Analysis of Energy Efficient Strategies in 3G/4G Networks*" in International Conference on Advances in Information Technology & Networking, held at Dr. G.R. Damodaran College Of Science, Coimbatore on 11th Feb 2016
- 38) Presented a paper entitled "*Study of Energy Aware Researches in UMTS Networks*" in National Level Conference Walk on Soft Computing, held at Mangayarkarasi College of Arts & Science for women, Madurai on 30th Jan 2016.
- 39) Presented a paper entitled "*Analyze the Revolution of Smartphone Developments and its Power Consumption*" in National Level Conference on New Horizons in Computational Intelligence and Information Systems", held at Gandhigram Rural Institute Deemed University, Dindigul on 17th & 18th Dec 2015
- 40) Presented a Paper entitled "*Analysis of Energy Consumption in Smartphone's*", in National Level Seminar on "Emerging Trends in Computing Technologies", held at AyyaNadarJanakiAmmal College, Sivakasi on 13th March 2015.
- 41) Presented a paper entitled "*Analysis of Women Empowerment and Higher Education in India*", in National seminar on "Women Empowerment and Globalization", held at Madurai Kamarajar University, Madurai on 22nd January 2015.

- 42) Presented a paper entitled "*Study and Overview of Women and Higher Education in India*", in "Higher Education in India – During the plan periods" held at MannarThirumalaiNaicker College, Madurai on 22nd August 2014.
- 43) Presented a paper entitled "*Internet of Things Based Architecture of Web and Smart Home Interface Using GSM*" in IEEE International Conference on Innovation in Engineering and Technology held at KLN College of Engineering, Madurai, on 21st and 22nd March 2014.
- 44) Presented a paper entitled "*Analysis and Principles of Green UI Design for Web Portals*" in "International Conference on Global Innovations in Computing Technology" held at JayShri Ram Group of Institution, Tirupur, on 6th and 7th March 2014.
- 45) Presented a paper entitled "*Sensor Based Smart Learning Environment using Ambient Intelligence*" in International Conference on "Nano Electronics Science and Technology" held at Sri Vasavi College, Erode, on 14th and 15th Feb 2014.
- 46) Presented a paper entitled "*Green Computing*" in two days national seminar on "Green Computing" held at AyyaNadarJanakiAmmal College, Sivakasi, on 29th and 30th Jan 2014.
- 47) Presented a paper entitled "*Revolution of Android Applications and Its Impacts*" in State level seminar on "Recent Trends in IT and Green Computing" held at SubbalakshmiLakshmipathy College of Science, Madurai, on 28th Jan 2014.
- 48) Presented a paper entitled "*Trends and Impacts of Internet of Things*" in State level seminar on "Recent Trends in IT and Green Computing" held at SubbalakshmiLakshmipathy College of Science, Madurai, on 28th Jan 2014.
- 49) Presented a paper entitled "*Approach and Analysis of m-learning in Higher Education*" in two day National Seminar on "Higher Education in India: Opportunities and Challenges" held at Madurai Kamaraj University, Madurai on 15th and 16th Nov 2013.
- 50) Presented a paper entitled "*SBAC: SMS Based Access Control Model and Remote Access in Pervasive Computing Environment*" on two day national seminar held at Thiagarajar College of Engineering, Madurai on 4th and 5th April 2013.
- 51) Presented a paper entitled "*Advancing sustainable energy management through Green IT*" on two days national seminar on "Economic Upliftment and Inclusion-Changes and Challenges" held at Thiagarajar College, Madurai on 7th and 8th March 2013.
- 52) Presented a paper "*A study and Analysis of Environmental impact of Internet Application*" on National Seminar on "Research Issues in Computer Science and Applications" held at Sourashtra College, Madurai on 9th Feb 2013.
- 53) Presented a paper entitled "*Study and Analysis of Environmental Impact of Internet*" on One day Intercollegiate Symposium, MannarThirumalaiNaicker College, Madurai, 10th Jan 2013.
- 54) Presented a paper entitled "*SMS based Cryptography using Blowfish Algorithm*" on State level Seminar on E-lifeline, AyyaNadarJanakiAmmal College, Sivakasi, 24th and 25th March 2011.
- 55) Presented a paper entitled "*E-Wastage*" on State level Seminar on E-lifeline, AyyaNadarJanakiAmmal College, Sivakasi, 24th and 25th March 2011.

Conference/Seminar/Workshop Attended (10 Nos)

- 1) Participated International Seminar on “Big Data Analytics” held at Madurai Kamaraj University, Madurai, on 21st Feb 2019.
- 2) Attended two day workshop on “Intellectual Property Rights” held at Sri Ramakrishna College of Arts and Science, Coimbatore from 15th & 16th November 2017.
- 3) Attended two days FDP held at Breakthrough institution, Hosur from 3rd Feb to 4th Feb 2017.
- 4) Participated United States – India Educational Foundations workshop on “Learner-Centered Teaching: Theory and Practice” held at Madurai Kamaraj University, Madurai, on 09th Sep 2014.
- 5) Participated 12 days Refresher Course on “Training on Teachers and Assessors” held at R L Institute of Nautical Science, Madurai, on 14th July to 26th July 2014.
- 6) Participated International Seminar on “Mobile Applications” held at Bharathiar University, Coimbatore, on 17th Dec 2013.
- 7) Participated and receive Best Performer Award in two days’ workshop on “Mobile Apps Development using Android” in Thiagarajar College of Engineering, Madurai, on 30th Nov & 1st Dec, 2013.
- 8) Participated one day workshop on Network Simulator (NS-2) in Kamaraj College of Engg & Technology, Virudhunagar on 13th March, 2008.
- 9) Participated three days workshop on “E-Content development for college teachers” held at Madurai Kamaraj University on 3rd to 5th Oct, 2008.
- 10) Participated National Seminar on “Quality in Higher Education – Issues and Challenges” held at AyyaNadarJanakiAmmal College, Sivakasi on 28th 29th Oct, 2010.

Guest Lecture Delivered (11Nos)

- 1) Delivered a guest lecture on “C++ with Memes” in CSI Arts and Science College for Women, Madurai on 3-03-2020.
- 2) Delivered a guest lecture on “Learning C++ with Memes” in Sri MeenakshiGovt College for Women, Madurai on 13-02-2020.
- 3) Delivered a guest lecture on “Hidden Secrets of Programming through MEMES”, in Erode Arts and Science College, Erode on 06.02.2020.
- 4) Delivered a guest lecture on “Operating System Concepts”, in Madurai SivakasiNadar's Pioneer Meenakshi Women's College, Puvandi, Madurai on 09.09.19
- 5) Delivered a guest lecture on “Next Generation of Computing” in Subramanya College of Arts and Science, Palani on 09-08-2019.
- 6) Delivered a guest lecture on “Energy Consumption of Smartphone Apps: Hidden Secrets” in AyyaNadarJanakiAmmal College, Sivakasi on 06-02-2019.
- 7) Delivered a guest lecture on “Internet of Things” in Sri MeenakshiGovt College for Women, Madurai on 28-12-2016
- 8) Delivered a guest lecture on “Energy Efficient Developments” in Sri MeenakshiGovt College for Women, Madurai on 18-03-2016
- 9) Delivered a guest lecture on “IoT and Its Application” in Sri Kaliswari College, Sivakasi on 09-01-2016.
- 10) Delivered a guest lecture on “Software Testing Stragies” in AyyaNadarJanakiAmmal College, Sivakasi on 16-12-2015.
- 11) Delivered a guest lecture on “Energy Efficient Developments” in AyyaNadarJanakiAmmal College, Sivakasi on 09-10-2015.

Awards, Honors and Prizes (7Nos)

- 1) Acted as a resource person in 5th International Colloquium On Development and Hosting of E-content conducted in KSR College of Arts and Science for Women, Tiruchengode on 12.12.2019.
- 2) My book is approved as a text book for Wireless Communication Networks subject in the Dept of Networking, SubbalakshmiLakshmipathy College of Science, Madurai.
- 3) Received award for publications in Awards of Excellence category at Arul Anandar College in the year 2019.
- 4) Received appreciation certificate from the president of SubbalakshmiLakshmipathy College of Science for research activities on 13th Feb 2016.
https://www.youtube.com/watch?v=l82_yuCP8j4
- 5) Received Best Teacher Award twice in SubbalakshmiLakshmipathy College of Science in the year of 2013 and 2015.
- 6) Recognized as Journal Reviewer of "*Education Research*", ISSN: 2141-5161, published by International Research Journals, New Jersey, USA.
- 7) Resource Person of FDP conducted on 09-08-2014 in SubbalakshmiLakshmipathy College of Science, Madurai.