



Dr. E.Menaka

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Associate Professor, Department of Information Technology,
Vivekanandha College of Engineering for Women, Tiruchengode, Namakkal

Vision:

To create a strong affinity towards the engineering education and create an eco-friendly atmosphere in institution.

Teaching & Research:

- As a teacher, I would like to make the student as a learner with creative thinking and sound technical knowledge.
- Make the students to be good in Quality publications, R&D projects, Patents.

DoB : 20.10.1980

Age : 41 Years

Experience : 18 Years

Educational Qualification:

Name o the Degree & Specialization	Year of Passing	Name of the College/ School	Name of the Board/Unive rsity	Percentage	Class
Ph.D	Jan' 2017	Anna University of Technology, Coimbatore.	Anna University		
M.E CSE	2006	V.M.K.VEngineering College, Salem.	Vinayaka Missions	75.6	I
B.E CSE	2002	Government college of Engineering, Tirunelveli.	Manonmania m Sundaranar University	68	I
XII	1998	M.D.V Higher Secondary School, Tiruchengode.	State Board	87	I
X	1996	M.D.V Higher Secondary School, Tiruchengode.	State Board	74	I

Awards and Recognitions:

Sl.No	Name of the Award	Awarding Organisation	Year of Award
1	Young Teacher Award	IET YMS CHENNAI	2010
2	Appreciation Award for serving as a reviewer	Journal of Electronic Imaging (SPIE)	2019 & 2020

Experience:

S.No	Institution Name	Designation	Period		Experience	
			From	To	Years	Months
1	Vivekanandha College of Engineering for Women, Namakkal.	Associate Professor	14.06.2017	Till date	4	0
2	Vivekanandha Institute of Engineering and Technology for Women, Namakkal.	Assistant Professor	15.07.2013	25.05.2017	3	10
3	Vivekanandha College of Engineering for Women, Namakkal.	Assistant Professor	03.03.2008	15.07.2013	5	5
4	Vivekanandha College of Engineering for Women, Namakkal.	Lecturer	11.06. 2003	02.03. 2008	4	8
Total					17	11

Grants/Funds Received/Applied

S.No	Name of the Scheme	Title of the Project	Funding Agency/ Department	Applied/ Sanctioned Amount
1	Seminar	National Seminar on Adults Suicide Attempts and Psychological Counselling for School Students on 06.07.2018	ICMR	Rs.50,000/-
2	Popularization of Science Activities	State Level Mega Science Expo' 2018 on 10.10.2018-12.10.2018	TNSTC	Rs.10,000/-

Publication in International Journals

1. E. Menaka, Dr.S.Suresh Kumar, “Forest Fire Detection Using Texture Analysis”, International Journal of Computer Applications in Engineering Sciences [IJCAES], VOL I, ISSUE I, pp. 64-68, March 2011.
2. E. Menaka, Dr. S.Suresh Kumar, “Forest Fire Detection Using Texture Analysis”, International Journal of Recent Trends in Engineering and Technology [IJRTET], Vol. 6, No. 1, Nov 2011, pp. 40 – 43, Digital Object Identifier: 01.IJRTET.6.1.505.
3. E. Menaka, Dr. S.Suresh Kumar, M. Bharathi, “Evaluation of Deforestation using Watershed Algorithm”, IRACST – Engineering Science and Technology: An International Journal (ESTIJ), ISSN: 2250-3498, Vol.2, No. 2, April 2012, pp. 336-339.
4. E. Menaka, Dr. S.Suresh Kumar, N. Parameshwari, “Segmentation of Dry Forest Region using Watershed Algorithm”, International Journal of Computer Science and Information Technology & Security (IJCSITS), ISSN: 2249-9555, Vol. 2, No.3, June 2012, pp.588-592.
5. E. Menaka, Dr. S. Suresh Kumar, M. Bharathi, “Accuracy Assessment of Cloud Reconstruction Approaches using Segmentation”, International Journal of Innovation and Applied Studies, ISSN 2028-9324, Vol. 3 No. 1 May 2013, pp. 112-115
6. Archana. J, Bavithra. R, Jothilakshmi. M, Meena. M, Menaka. E, “Critical Event Monitoring in WSN using Cluster Based CCDS”, Journal of Information and Computing Science, Vol. 8, No. 3, 2013, pp. 235-240, ISSN 1746-7659, England, UK.
7. Suganya. M, Menaka. E, “Various Segmentation Techniques in Image Processing: A Survey”, International Journal of Innovative Research in Computer and Communication Engineering, Vol.2, Special Issue 1, March 2014, pp. 1048-1052, ISSN (Online): 2320-9801, ISSN (Print): 2320-9798.
8. Menaka E, Suresh Kumar S, “Improving segmentation accuracy for detecting tree crown using marker control watershed with sobel edge detection from Lidar imagery”, International Journal of Applied Environmental Science, Vol-9, Issue-6, pp.2879-2889, 24.12.14. (Impact factor is 0.104)
9. Menaka E, Suresh Kumar S, “Analysis deforestation using threshold based clustering algorithm”, **International Journal of Applied Engineering Research**, Vol-9, Issues 23, pp. 21031-21054, 20.12.14. (Impact factor is 0.13)
10. Menaka E, Suresh Kumar S, “Cloud removal using efficient cloud detection and removal algorithm for high-resolution satellite imagery”, **Int. J. Computer Applications in Technology**, Vol. 51, No. 1, pp. 54-61, 2015. (Impact factor is 0.28)
11. Menaka E, Suresh Kumar S, “Improving segmentation accuracy for detecting deforestation using texture feature derived from Landsat 8 OLI multispectral imagery”, **European Journal of Remote Sensing**, Vol. 48, pp. 169 – 181, 2015. doi: 10.5721/EuJRS20154810. (Impact factor is 0.71)
12. Menaka E, “Overview on Multicasting in Overlay Networks”, International Journal of Mathematical science and Engineering, Volume – 4, Issue-2; December 2015; Page: 62-69, ISSN 2278 – 1447.
13. C. Vigundhiya and E. Menaka, ‘Flow Control With Data Compression To Avoid Overload In Networks’, Middle-East Journal of Scientific Research 24 (Techniques and Algorithms in Emerging Technologies): 156-161, 2016, ISSN 1990-9233;
14. S.Kanmani, G.Kiruthika, C.Vigundhiya, E.Menaka, ‘Overview on Multicasting in Overlay Networks’, International Journal of Mathematical Sciences and Engineering (IJMSE), Volume – 4, Issue-2, December 2015.
15. Deepa, E.Menaka, “Automatic Result Updation in Email using Database”, **International Journal of Applied Engineering Research (IJAER)**, Volume 10, Number 21 (2015), pp.19850-19857.

16. Hobijam Jina Devi, K.G.Chitra, P.Nandhini, E.Menaka, "Online Modeling of Proactive Moderation System for Auction Fraud Detection", **International Journal of Applied Engineering Research (IJAER)**, Volume 10, Number 21 (2015), pp.20115-20121.
17. C. Vigundhiyaa, E. Menaka, 'Virtual Routing Flow Control with Data Compression for Networks', *South Asian Journal of Engineering and Technology* Vol.2, No.15 (2016) 124–129.
18. D. Sharmila and E. Menaka, 'Scheduling Based Broadcasting Delay Overcome in Wireless Network', *Middle-East Journal of Scientific Research* 24 (Techniques and Algorithms in Emerging Technologies): 188-192, 2016.
19. G. Kiruthika and E. Menaka, 'Multi File Process Conformation in Network Overlays', *Middle-East Journal of Scientific Research* 24 (Techniques and Algorithms in Emerging Technologies): pp.79-83, 2016, ISSN 1990-9233.
20. D.Sharmila, E. Menaka, 'Broadcasting Delay Avoidance with Advance Network Code by constrained traffic over unreliable Wireless Link', *South Asian Journal of Engineering and Technology* Vol.2, No.15 (2016) 136–144.
21. G. Kiruthika and E. Menaka, 'Network Overlay Delay Avoidance by Virtual Routing', *South Asian Journal of Engineering and Technology* Vol.2, No.15 (2016), pp. 111–115, ISSN No: 2454-9614.
22. HaobijamJina Devi and E. Menaka, 'Random Key Updation for Certificateless Remote Authentication Protocol', *Middle-East Journal of Scientific Research* 24 (Techniques and Algorithms in Emerging Technologies): 215-219, 2016.
23. D.R.Pavithra, C.Kanchana, E.Menaka, T.R.Srinivasan, 'Liberating the Structure from Its Torrent Management Disaster', *International Journal of Mathematical Sciences and Engineering (IJMSE)*, Volume – 5, Issue-2, March 2017.
24. P.Shri Janani, S.Saranya, T.R.Srinivasan, E.Menaka, 'Off-Line Secure Micro Payments Using Frodo Resilient Device', *International Journal of Mathematical Sciences and Engineering (IJMSE)*, Volume – 5, Issue-2, March 2017.
25. D. R. Pavithra, E. Menaka, "Enabling the Structure from Its Packet Flow Disaster", *International Journal of Advance Research and Development*, Volume 2, Issue 6, pp. 7-11, 2017.
26. Saranya .S, E. Menaka, 'A Pairwise Algorithm using Speech Separation and Pitch Estimation for the Deep Stacking Network', *International Journal of Advance Research and Development*, Volume 2, Issue 6, pp. 7-11, 2017.
27. M.Madlin Asha, Dr.C.Gowri Shankar, Dr.E.Menaka, "Secure Image Encryption and Data Embedding Using Block Truncation Coding", *Caribbean journal of science*, Volume 53, ISSUE 2 (MAY - AUG), 2019, ISSN: 0008-6452.
28. Dr. E. Menaka, C.Aswini, S.Kayalvizhi, N.Lavanya, S.Vaishaali, "IOT Based Garbage Monitoring System", *International Journal for Research & Development in Technology*, Volume-11, Issue-5, May-2019.
29. Dr.E.Menaka, J.Dhanalakshmi , D.Soniya, S.Sankavi, "Smart Defective Energy Meter for Power Theft Control using IoT", *International Journal of Intellectual Advancements and Research in Engineering Computations*, Vol.–07, Issue.1, pp.113.118, 2019.
30. P.Baby Priyadharshini, Dr.E.Menaka, V. Ramya, "Smart Agriculture using IoT", *GIS Science Journal*, Volume 7, Issue 5, 2020.
31. M. Umaselvi, E. Menaka, "Region Based Segmentation using TCRM", *International Journal of Engineering and Advanced Technology (IJEAT)*, Volume-9 Issue-4, April 2020.
32. Dr.E.Menaka, M.Madlin Asha, K.Lalithavani, "Skin Disease Prediction using Deep Learning Algorithms", *PENSEE Journal*, Volume 51, Issue 2, 2021.

33. S.Anandhi, Dr.E.Menaka, R.Logammbal, “Perceptive Distributed Denial of Service Attacks from Flash Crowds using Flow Correlation Coefficient”, GIS Science Journal, Volume 8, Issue 2, 2021.
34. Dr.E.Menaka, M.Madlin Asha, K.Lalithavani, “Skin Disease Prediction using Deep Learning Algorithms”, PENSEE, Volume 51, Issue 2, 2021.

Publication in International Conferences

1. E. Menaka, Dr. S. Suresh Kumar, “Forest Fire Detection Using Texture Analysis”, in the Proceedings of the International Conference on ICRATEMS2011, 2011.
2. E. Menaka, Dr. S. Suresh Kumar, N. Parameshwari, “Assessment of Sparse Forest and Fire Detection using Threshold Watershed Algorithm”, in the Proceedings of the International Conference on SEISCON12, 2012 & IET digital Library.
3. E. Menaka, Dr. S. Suresh Kumar, M. Bharathi, “Change Detection in Deforestation Using High Resolution Satellite Image with Haar Wavelet Transforms”, in the Proceedings of the International Conference on Green High Performance Computing ICGHPC 2013 & IEEE digital Library.
4. Angayarkanni. D, Menaka. E, “Mobile Authentication using QR code”, at Immanuel Arasar JJ College of Engineering, on 22/01/2014.
5. Hemapriya. V, Menaka. E, “Reliable Segmentation of Forest Areas and Detection of Tree Crown in LIDAR images”, at Immanuel Arasar JJ College of Engineering, on 22/01/2014.
6. Angayarkanni. D, Menaka. E, “A Transitive Authentication protocol for establishing Conference Key using QR Code” at Aishwarya College of Engineering and Technology on 12/02/2014.
7. Suganya. M, Menaka. E, “Various Segmentation Techniques in Image Processing: A Survey”, in the proceeding of International Conference on Global Innovations and Computing Technology, at Jai Sriram College of Engineering on 6-7, March 2014.
8. Angayarkanni. D, Menaka. E, “A Novel Transitive Authentication Using QR Code”, in the Proceeding of International Conference on “Computing, Communication and Electrical Technologies”– 2014 at Vivekanandha Institute of Engineering and Technology for Women, Elayampalayam, Tiruchengode – 637 205, Namakkal Dt., Tamil Nadu, India, pp. 32-36.
9. Suganya. M, Menaka. E, Dr. S.Suresh Kumar, “Accuaracy Assessment of Forest Cover Map using Segmentation”, in the Proceeding of International Conference on “Computing, Communication and Electrical Technologies”– 2014 at Vivekanandha Institute of Engineering and Technology for Women, Elayampalayam, Tiruchengode – 637 205, Namakkal Dt., Tamil Nadu, India, pp. 211-216.
10. Deepa, E.Menaka, “Automatic Result Updation in Email using Database”, in Proceeding of International Conference on “Computing, Communication and Electrical Technologies”– 2015 at Vivekanandha Institute of Engineering and Technology for Women, Elayampalayam, Tiruchengode – 637 205, Namakkal Dt., Tamil Nadu, India, pp. 217-224.
11. Hobijam Jina Devi, K.G.Chitra, P.Nandhini, E.Menaka, “Online Modeling of Proactive Moderation System for Auction Fraud Detection”, in Proceeding of International Conference on “Computing, Communication and Electrical Technologies”– 2015 at Vivekanandha Institute of Engineering and Technology for Women, Elayampalayam, Tiruchengode – 637 205, Namakkal Dt., Tamil Nadu, India, pp. 217-224.
12. D. Sharmila and E. Menaka, ‘Broadcasting Delay Avoidance with Advance Network Code by Constrained Traffic over Unreliable Wireless Link’, in the Proceeding of International Conference at Nandha College of Technology on 04.03.2016 & 05.03.2016.

13. G. Kiruthika and E. Menaka, 'Network Overlay Delay Avoidance by Virtual Routing', in the Proceeding of International Conference at Nandha College of Technology on 04.03.2016 & 05.03.2016.
14. C. Vigundhiyaa, E. Menaka, 'Virtual Routing Flow Control with Data Compression for Networks Overload', in the Proceeding of International Conference at Nandha College of Technology on 04.03.2016 & 05.03.2016.
15. C. Vigundhiyaa, E. Menaka, 'Flow Control with Data Compression to Avoid Overload In Networks', in the Proceeding of 3rd International Conference on Computing, Communication and Electrical Technologies -ICCCET-2016 at Vivekanandha Institute of Engineering and Technology for Women, Elayampalayam, on 30th & 31st March 2016.
16. HaobijamJina Devi and E. Menaka, 'Random Key Updation in Wban using Certificateless Remote Authentication Protocol with Anonimity', in the Proceeding of 3rd International Conference on Computing, Communication and Electrical Technologies -ICCCET-2016 at Vivekanandha Institute of Engineering and Technology for Women, Elayampalayam, on 30th & 31st March 2016.
17. D. Sharmila and E. Menaka, 'Scheduling Based Broadcasting Delay Overcome in Wireless Network', in the Proceeding of 3rd International Conference on Computing, Communication and Electrical Technologies -ICCCET-2016 at Vivekanandha Institute of Engineering and Technology for Women, Elayampalayam, on 30th & 31st March 2016.
18. G. Kiruthika and E. Menaka, 'Multi File Process Conformation in Network Overlays', in the Proceeding of 3rd International Conference on Computing, Communication and Electrical Technologies -ICCCET-2016 at Vivekanandha Institute of Engineering and Technology for Women, Elayampalayam, on 30th & 31st March 2016.
19. Saranya .S, and E. Menaka, "A Supervised Learning Algorithm using the Deep Stacking Network for Speech Separation and Pitch Estimation", in the Proceeding of 3rd International Conference on Electrical, Electronics & Computer Engineering ICEECE-2017 at Vivekanandha College of Engineering Technology for Women, Elayampalayam, on 08th & 09th March 2017.
20. D. R. Pavithra and E. Menaka, "Releasing the System from its Stream Control Crisis", in the Proceeding of 3rd International Conference on Electrical, Electronics & Computer Engineering ICEECE-2017 at Vivekanandha College of Engineering Technology for Women, Elayampalayam, on 08th & 09th March 2017.

Publications of National Conferences:

1. "Character Recognition Using Super Impose Technique" in the Third National conference on Advanced Development in Network & Intelligent Computing in Adhiyamaan College of Engineering, Hosur on 1st & 2nd March 2006.
2. "Character Recognition Using Super Impose Technique" in the National conference on Recent Trends in Information Technology in Kamaraj College of Engineering and Technology, Virudhunagar on 5th April 2006.
3. "Network Security" in the National conference on Emerging Trends in Information Technology in Vivekanadha Institute of Information and Management Studies, Tiruchengode on 3rd March 2007.
4. "Face Recognition" in the National conference on Computational Intelligence and Network Security in Vivekanadha College of Engineering for Women, Tiruchengode on 7th March 2007.

5. Presented Paper on “Color Image Quantization Algorithm of K – Means Clustering Collection” in National Conference- N3CT2010, Surya Engineering College, Erode.
6. Presented a Paper on “Effective Forest Fire Detection Using Polygon Segmentation”- NICORP2010, at Kongunadu Engineering College, Trichy on 17 Sep 2010.
7. Presented a Paper on “Forest Fire Detection Using Segmentation” in NCICT2K11, at SSM College of Engineering, Vallayakaranur, Komarapalayam, Feb 4, 2011.
8. Presented a Paper on “TFA Using Mobile Phones” in NCICT2K11, at SSM College of Engineering, Vallayakaranur, Komarapalayam, Feb 4, 2011.
9. Presented a Paper on “Effective Forest Fire Detection Using Texture Analysis” in National Conference On Emerging Issues In Computer Applications - EICA 11, at K.S.R.College of Engineering, Tiruchengode, Feb10, 2011.
10. Presented a Paper on “Two Factor Authentication Using Mobile Phones” in National Conference On Emerging Issues In Computer Applications, at K.S.R.College of Engineering, Tiruchengode, Feb10, 2011.
11. Presented a Paper on “Tamil Character Recognition using 2D² Principal Component Analysis” in National Conference on Microwave, Antenna & Signal Processing, at ITS Engineering College, Noida, April 22-23, 2011.
12. Presented a Paper on “An Efficient Group Key Agreement in a Multiple Handheld Devices”, in 4th National Conference on Smart Systems, at Erode Builder Trust’s Group of Institutions, Erode, March 22, 2014.
13. Presented a Paper on “A Survey on Transitive Authentic in Mobile Devices”, in National Conference on Innovation in Computing and Communication Technology’2014, at Kongunadu College of Engineering and Technology.
14. Presented a Paper on “Healthcare Bioinformatics in Human Genome” in National Conference on Bio-Informatics in Healthcare using Big Data, at Vivekanandha College of Engineering for Women, Tiruchengode, 09th & 10th August, 2017.
15. Presented a Paper on “Smart Agriculture using IoT”, in AICTE sponsored National Conference on Internet of things, Artificial Intelligence & 3D Printing, at Vivekanandha College of Engineering for Women, Tiruchengode, 21st & 22nd Feb, 2020.

FDP, Workshop & Seminar Attended:

16. Three days Seminar on “Knowledge Discovery in Database and Data Warehousing” at Kongu Engineering College, Erode, on December 2005.
17. Two days SDP on “Future Direction in Mobile Computing” at Kongu Engineering College, Erode, May 2007.
18. Two days FDP on “Teaching, Training, Research and Administration methodology” at Vivekanandha Institute of Information and Management Studies for Women, Tiruchengode, Aug 2007.
19. Two days Seminar on “High Performance distributed computing” at Kongu Engineering College, Erode, on Nov 2007.
20. Mission 10X workshop at Vivekanandha Institute of Information and Management Studies for Women, Tiruchengode, from 10.08.2009 to 14.08.2009.

21. Two days Workshop on “Wireless Networks” at Vivekanandha Institute of Information and Management Studies for Women, Tiruchengode on 28.08.2009-29.08.2009.
22. Two days National Level Seminar on “Emerging Trends in Wireless Technologies” at Paavai Engineering College, Nammakkal on April 2010.
23. Attended One day Workshop on “Digital Image Processing”, at Vivekanandha Institute of Information and Management Studies for Women, Tiruchengode, Sep 7-8, 2010.
24. One Day Workshop on “Life Skill Development” at Dr. M.G.R University, on 19th September, 2010.
25. National Level Workshop on “Virtual Instrumentation Lab View Based Signal Processing & MultiSim based Electronics Circuits and Simulation Applications” at Vivekanandha College of Engineering for Women, Namakkal, on November 25-26, 2010.
26. National Level Workshop on “Hands on training program of satellite Images” at Kongu Engineering College, Erode, on Sep 2-3, Sep 2011.
27. International Seminar on “New Challenges in Knowledge Based Discovery” at Vivekanandha College of Engineering for Women, Tiruchengode, Sep 16-17, 2011.
28. National Level Workshop on “Research methodology and techniques in Soft Computing” at K.S.R. College of Engineering, Tiruchengode, Sep 28, 2011.
29. Participated Workshop on “Research Opportunities in Digital Image Processing in today’s Scenario” at Sona College of Technology, Salem on March 09, 2012.
30. Participated in the Pact-Work Life Balance by Chinmaya Academy of Management, Chennai Chapter at Vivekanandha Institute of Engineering and Technology for Women on April 17, 2014.
31. Participated the Workshop on “Intellectual Property Rights and Innovations” by CIPR, Anna University, Guindy at Vivekanandha Institute of Engineering and Technology for Women on November 11, 2015.
32. Faculty Development Programme on “Teaching Pedagogy & ICT” by Centre of Excellence for Higher Education, Coimbatore at Vivekanandha Institute of Engineering and Technology for Women & Vivekanandha College of Technology for Women on December 21 & 22, 2015 and January 8 & 9, 2016 .
33. Faculty Development Programme on “VMware vSphere 6.0 Skills” by ICT Academy at Vivekanandha Institute of Engineering and Technology for Women on October 17-21, 2016.
34. National Level Workshop on “Data Mining in Biomedical Informatics Using Bigdata” Sponsored by CSIR at Vivekanandha Institute of Engineering and Technology for Women on November 25-26, 2016.
35. Participated in ICT Academy Youth Leadership Summit 2017 at Codissia Trade Fair Complex, Coimbatore on August 23, 2017.
36. Faculty Awareness Programme on “NBA/NAAC Accreditations Process” at Vivekanandha College of Technology for Women on September 01, 2017.
37. Faculty Development Programme on “Salesforce Trailhead” by ICT Academy at KSR College of Technology, Thokkavadi on November 08-09, 2017.
38. Faculty Development Programme on strategic teaching on 21.11.2017.

39. Faculty Development Programme on “ NIRF Ranking and Massive Open Online Courses(MOOC) at Vivekanandha College of Engineering for Women, Tiruchengode on 04.04.2018.
40. Attended one day industrial visit at TCS-IITM on 23.11.2018.
41. Attended Faculty Development Programme on “Guru Shisti” from 19.07.2019 to 20.07.2019.
42. Attended Awareness Programme on NAAC Accreditation And Documentation” held on 19.09.2019.
43. Attended Workshop on R Programming on 09.11.2019.
44. Attended 6 Days FDP on Machine Learning using Python from 11.11.2019 to 16.11.2019.
45. Attended webinar on How to Prepare for IT Sectors in this Pandemic Situation, Conducted by Mount Zion College of Engineering & Technology, held on 03.06.2020
46. Attended webinar on IPR for Professional Innovators, Conducted by Dr. N.G.P Institute of Technology, held on 05.06.2020
47. Attended FDP on Technologies Shaping Future Automation, Conducted by Kumaraguru College Of Technology, from 15.06.2020 to 19.06.2020
48. Attended webinar on Medical Image Segmentation Overview and Research Challenges On Computed Tomography Images, Conducted by P.A. College Of Engineering And Technology, held on 19.06.2020
49. Attended webinar on Sustainable Leadership And The Path To Self Actualisation, Conducted by CIT, held on 02.07.2020
50. Attended webinar on How To Keep Students Engaged Through Effective Online Classes, Conducted by VCEW , held on 11.07.2020
51. Attended webinar on Preparing Students for 21st Century Skills With New Normal Way, Conducted by E.G.S Pillay Engineering College, held on 30.07.2020
52. Attended webinar on Unsupervised Learning With K-Means clustering, Conducted by CMR Engineering College, held on 04.08.2020
53. Attended webinar on Robot Intelligence Technology And It’s Applications, Conducted by Pentech E Learning, held on 11.08.2020
54. Attended webinar on Android Application Development Using Kotlin, Conducted by Pentech E Learning, held on 14.08.2020
55. Attended webinar on Blockchain Technology, Conducted by St.Joseph’s College of Engineering, held on 14.08.2020
56. Attended webinar on Deep Learning Based Neural Networks System, Conducted by Pentech E Learning, held on 12.08.2020
57. Attended webinar on Computer Vision, Conducted by Pentech E Learning, held on 31.08.2020
58. Attended STTP on Deep Learning Applications and Challenges in Big Data Analysis, Conducted by Velalar College of Engineering and Technology, from 07.09.2020 to 12.09.2020
59. Attended webinar on Machine Learning using AI, Conducted by Sri Sankara Arts And Science College, held on 19.09.2020
60. Attended webinar on Impact on IOT by Implementing Edge Computing, Conducted by Pentech E Learning, held on 20.09.2020

61. Attended webinar on Introduction to Tensor Flow or AI, Conducted by Pentech E Learning, held on 23.09.2020
62. Attended AICTE STTP on Augmented Reality And Virtual Reality A Future Technology, conducted by Sri Krishna College of Technology, from 19.10.2020 to 24.10.2020.
63. Attended STTP on Digital Farming Exploration With AI, conducted by VCTW, from 16.11.2020 to 21.11.2020
64. Attended webinar on How to Utilize Google Classroom Effectively, by IQAC VCEW, held on 23.11.2020.
65. Attended webinar on “NAAC Revised Assessment Methodologies And Quality Enhancement Strategies”, by VIAAS, held on 5.12.2020.
66. Attended AICTE STTP on Recent Trends In Machine Learning And Big Data Analytics Using Python Programming” by Excel Engineering College, Namakkal from 14.12.2020 to 19.12.2020.
67. Attended Fdp (online virtual class room learning) on Microsoft AI Classroom-Digital Online Learning conducted by Microsoft And Nasscom in Association with ICT Academy held on 27.02.2021.
68. Attended webinar on “Communication with Matlab” conducted by Jain faculty of engineering and technology, held on 4/6/2021.
69. Attended AICTE FDP on Emotional Intelligence, conducted by NITTTR, from 7.06.2021 to 11.06.2021.

Program Organised:

1. Organised a software contest and association inauguration – “ZEALTECH ’09” on September 2010.
2. Organised the PROJECT EXPO’11 at Vivekananda College of Engineering for Women on Jan’06, 2011.
3. Editorial Desk Member for International Conference on ICRATEMS’11 at Vivekanandha College of Engineering for Women.
4. Editorial Desk Member for International Conference on ICCCET-2014 at Vivekanandha Institute of Engineering and Technology for Women.
5. Executive committee Member of International Conference on ICCCET-2015 at Vivekanandha Institute of Engineering and Technology for Women.
6. Executive committee Member of International Conference on ICCCET-2016 at Vivekanandha Institute of Engineering and Technology for Women.
7. Organized the Faculty Development Programme on “Teaching Pedagogy and ICT” at Vivekanandha Institute of Engineering and Technology for Women, Tiruchengode, during 21.12.2015 - 22.12.2015.
8. Organized National Conference on Bio-Informatics in Healthcare using Big Data at Vivekanandha College of Engineering for Women, Tiruchengode, during 09.08.2017 - 10.08.2017.

9. Coordinator for remote center 1024 (Vivekanandha College of Engineering for Women) - IIT Bombay Faculty Development Programme (FDP101X) from 19.08.17 to 20.08.17.
10. Organized two days workshop on Interview Perspective of C, C++ and Python programming at Vivekanandha College of Engineering for Women, Tiruchengode, during 06-03-18 & 07-03-18.
11. Organized one-day workshop on Paperless Campus using Google Drive at Vivekanandha College of Engineering for Women, Tiruchengode on 08-03-18.
12. Organized two days Symposium- ERNESTO'18 at Vivekanandha College of Engineering for Women, Tiruchengode, during 27.03.18 & 28.03.18
13. Organized a National Seminar on Adults Suicide Attempts and Psychological Counseling for School Students on 09.07.2019.
14. Organized Two days workshop on Interview Perspective of C, C++ and Python programming on 29.01.2019.
15. Organized Guest lecture on Compiler Design on 11.03.2019.

Area of Interest:

- ✓ Image Processing
- ✓ Wireless Sensor Network
- ✓ Internet of Things

Extra Curricular Activities:

- **College Counselling cell Member** (2007-2009)
- **Department NBA Co-ordinator** (2007-13 & 2018-19)
- **Project Co-ordinator**
- **ISO Coordinator (2007-08)**
- **Association Incharge** (2006-2008, Aug' 2013 - Nov' 2016)
- **Research and Development Cell Coordinator** (Academic Year 2015-2017)
- **News Letter (Blossom) Associate Editor** (Academic Year 2015-2017)
- **ICT Academy Institution Coordinator** (2017-18)
- **IBM Add-On Course Institution Coordinator** (2017-18)
- **Academic Council Co-opted Member** (2017-till date)

Short Term Courses:

- Conducted one month Part time evening course in “**C Language**” for first year engineering students in Vivekanandha College of Engineering for Women.
- Conducted one month Part time evening course in “**Data Structures**” for Third year MCA students in Vivekanandha Institute of Information and Management Studies for Women.

Membership:

- ✓ ISTE MEMBER
- ✓ IAENG MEMBER
- ✓ SAGE MEMBER
- ✓ CSI MEMBER
- ✓ ISSE MEMBER

Reviewer

- ❖ Journal of Electronic Imaging
- ❖ IET Image Processing
- ❖ International Journal of Biomedical Engineering and Technology