CURRICULAM VITAE

Dr. S. TAMIL SELVI
Professor & Head
Department of Electronics and Communication
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National Engineering College
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Academic Performance :

Degree	Programme and Specialization	Class/CGPA	Month and Year of Passing	Institute/University
B.E	Electronics and Communication Engineering	First	April 1988	Mepco Schlenk Engg.College, Madurai Kamaraj University.
M.E	Optical Communication	First	Feb 1997	College of Engineering, Guindy, Chennai Anna University, Chennai
Ph.D	Information and Communication Engineering	-	Nov 2009	Manonmaniam Sundaranar University Tirunelveli
M.Sc	Yoga for Human Excellence	First	May 2012	Manonmaniam Sundaranar University Tirunelveli

Teaching Experience :

Designation	Institution/Organization	Period	Nature of Duties
Professor	National Engineering College, Kovilpatti	03.07.2019 to till date	Research, Teaching, Academic related activities, Yoga Club Convener Readers Park Convener UHV & SIP cell Coordinator NEC-NDLI Club president Coordinator-AICTE 360degree feedback
Professor and HOD/ECE (PG)		30.06.2012- 02.07.2019	Teaching, Research, Library Officer (October 2010 –June 2019), Administration, Yoga Club Convener since June 2013
Professor		16.11.2009 to till date	
Associate Professor		26.05.08 - 15.11.09	Teaching ,Research
Assistant Professor		11.06.04 - 25.05.08	Teaching, Research
Senior Lecturer		01.07.99 - 10.06.04	Teaching, Research
Lecturer		02.07.92 - 30.06.99	Teaching
Associate Lecturer	Kumaraguru College of Technology, Coimbatore	01.07.89 - 30.06.92	Teaching

Associate Lecturer	The Indian Engineering College, Vadakankulam	01.09.88-30.06.89	Teaching

Paper Publications in International Journal

1. **S. Tamil Selvi**, S. Anantha Kumaran, and K. Ramar, "Multi-User Detection in DS-CDMA System using Parallel Interference Cancellation with Feedback Technique", AMSE International Journal, vol.13, no.2, pp.1-14, Feb 2008.

2. **S. Tamil Selvi** and K. Ramar, "Performance evaluation of multi user detection for uplink wireless communications with various multiple access schemes", Journal of Theoretical and Applied Information Technology, Vol.5, No.6, pp.724-730, June 2009.

3. **S. Tamil Selvi** and V. Padmavathy, "Power Optimization in MIMO-IDMA system using Differential Evolution Algorithm", Intl. Journal of Engineering Science and Technology, Vol.2,No.7,pp.2923-2930, July 2010.

4. J. Dheeba and **S. Tamil Selvi**, "Bio Inspired Swarm Algorithm for Tumor Detection in Digital Mammogram", Springer LNCS ,Vol. 6466, pp. 404–415, 2010. (DOI: 10.1007/978-3-642-17563-3_49).

5. J. Dheeba and **S. Tamil Selvi**, "A CAD system for Breast Cancer Diagnosis using Modified Genetic Algorithm Optimized Artificial Neural Network", Springer LNCS, Vol. 7076, pp. 349-357, 2011 (DOI:10.1007/978-3-642-27172-4_43)

6. J. Dheeba and **S. Tamil Selvi**, "A Swarm optimized Neural Network system for classification of Microcalcification in Mammograms", Journal of Medical Systems(Springer Journal) Vol.36,No.5, pp.3051-3061, Sep 2011. (DOI: 10.1007/s10916-011-9781-3)

7. J. Dheeba and **S. Tamil Selvi**, "Automated Breast Cancer Detection using Wavelet Neural Networks", International journal of Image Processing and Network Techniques, Vol.4,No.1, vpp.24-31(ISSN No.0973-7650), Nov 2011.

8. J. Dheeba and **S. Tamil Selvi**, "An improved Decision support system for detection of Lesions in Mammograms using Differential Evolution Optimized Wavelet Neural network", Journal of Medical Systems (Springer Journal) DOI: 10.1007/s10916-011-9813-z, Vol 36,No.5,pp.3223-3232 , Dec 2011.

9. J.Dheeba and **S.Tamil Selvi**, "Cascaded Correlation Neural Network based Microcalcification detection in Mammographic Images", Advances in Intelligent and Soft Computing, Springer DOI: 10.1007/978-3-642-27443-5_18, Vol.132, pp.153-160, Jan 2012.

10. G. Tamil Pavai and **S. Tamil Selvi**, "Multiple Representations of Perceptual Features for Texture Classification and Retrieval", International Journal of Computer Applications, Vol.48,No.20,pp.5-11,June 2012. (DOI:10.5120/7462-0479)

11. M. Mary Helta Daisy and **S. Tamil Selvi**, "Content based MRI Brain Image Retrieval by Combining Fourier Descriptors and Gabor filters with Morphological Operation", European Journal of Scientific Research, Vol.87,No.4,pp.469-478 ,Oct 2012.

12. N. Krishna Praba and **S. Tamil Selvi**, "VLSI Implementation of IDMA for Wireless Communication System", International Journal of Computer Applications & Information Technology, Vol.1,No.3, pp.47-52, Nov 2012.

13. G. Tamil Pavai and **S. Tamil Selvi**, "Color Texture Classification Using Improved DLBP for Skin Image", European Journal of Scientific Research (ISSN 1450-216X / 1450-202X), Vol.97,No.3,pp.363-371, March 2013.

14. G. Tamil Pavai and **S. Tamil Selvi**, "Identification of proliferative Diabetic Retinopathy using Texture Segmentation", Journal of Computer Sciences (Science Publications) DOI:10.3844/jcssp.2013.358.367, Vol.09,No.03, pp.358-367, April 2013.

15. A. Milton, S.Sharmy Roy and **S. Tamil Selvi**, "SVM Scheme for Speech Emotion Recognition using MFCC Feature", International journal of Computer Applications, Vol.69,No.9,May 2013.

16. A. Milton, **S. Tamil Selvi**, "Class specific multiple classifiers scheme to detect emotions from speech signals", Journal of Computer speech and language (Elsevier publication), Vol .28,pp 727-742,Sep 2013(http://dx.doi.org/10.1016/j.csl.2013.08.004).

17. Milton A, Ashitha Dayana S & **Tamil Selvi S**, Voiced/unvoiced classification of speech signal using average zero crossing index difference function, International Journal of Advanced Information Science and Technology, Vol. 18, no.18, pp. 78-81, 2013.

18. Mary Helta Daisy,**S.Tamil Selvi**, "Soft computing based medical image retrieval using shape and texture features", American Journal of Applied Sciences, Vol. 11, No. 2, pp 258-265, 2014.(I.F. 0.27)

19. Mary Helta Daisy ,**S.Tamil Selvi**, "A Survey on Content based image Retrieval for Medical Application Using Texture, Color and Shape Features" ,"Jokull Journal". Vol.63,No.12,pp 176-187, Nov 2013

20. Dheeba, J, Albert Singh .N, **Tamil Selvi.S**,. "Computer-aided Detection of Breast Cancer on Mammograms: A Swarm Intelligence Optimized Wavelet Neural Network Approach", Journal of Bioinformatics, Vol.49, pp.45-52, Elsevier, December 2013. DOI: http://dx.doi.org/10.1016/j.jbi.2014.01.010 (Impact Factor – 2.131)

21. M.Christobel, **S.Tamil Selvi**, Shajulin Benedict, "Energy aware scheduling of scientic workflows using Discrete PSO in Grids" , Journal of Convergence Information Technology(ISSN:1075-9320), Vol.9,No.1,pp.153-162,Jan 2014

22. Priti Rishi, **S.Tamil Selvi**, "Performance Analysis Four wave mixing crosstalk in Wavelength Division Multiplexing Systems ", International journal on Information and Communication Technologies,Vol.6,No.3-4,pp. 617-626,July-Dec2013(Serial Publications,ISSN:0973-5836)

23. S.Mugunthamala ,**S.Tamil Selvi**, "Energy Saving transmission for Green Communication" ,International journal of Research in science & Technology(ISSN:2349-0845)Vol.1,No.2,pp.1-8,March 2014

24. E.Golden Julie,**S.Tamil Selvi**,Y.Harold Robinson, " Opportunistic Routing with secure coded Wireless multicast using MAS approach", World Academy of Science, Engineering and Technology , International journal of Computer, Information systems and control engineering,Vol.8 No.7,August 2014

25. Mary Helta Daisy, Aleesha Livingston, **S.Tamil Selvi**, "Extended Local Tetra Pattern for Image Retrieval", International journal of Applied Environmental Sciences,Vol.9,No.5,pp 2393-2401, Oct 2014

26. **S.Tamil Selvi,** K.Niranjana,M.Sornaguru and M.Subhasiny, "Heart Disorder Diagnosis using Neural Network", Journal of Computer Science and Applications, Vol.6, no.1, pp 279-284, Oct 2014.(International Research publications House), ISSN 2231-1270

27. J.Helina Rajani, **S.Tamil Selvi**, "Performance analysis of Hybrid Optical Amplifiers for 64 x 10 Gbps DWDM system", Asian Journal of Applied Sciences, Vol.8, pg.46-54, Dec 2014 ISSN1996-3343, DOI:10.3923.ajaps.2015.46.54

    URL: http://scialert.net/abstract/?doi=ajaps.2015.46.54

28. G.Dhanabalan, **S.Tamil Selvi**, "Design of parallel conversion multichannel analog to digital converter for scan time reduction of Programmable Logic Controller using FPGA", International Journal of Computer Standards & interfaces, Vol.39,pg.12-21,March 2015, Elsevier publication (ISBN:0920- 5489) , DOI: 10.1016/j.csi.2014.12.002

29. S.Lenty Stuwart**, S.Tamil Selvi, "**Precoder based Collaborative Blind Multiuser Detection of CDMA Signals", Wireless Personal Communications,Springer Publications, Vol. 83, No. 1, pp. 138 – 145,Feb2015

30**.** M.Mary Helta Daisy ,**S.Tamil Selvi**,R.M.Priyanka, "Extraction of shape features using Region Based and Contour based method" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 9 No.26 (2014) pp. 9055-9058, Feb 2015 © Research India Publications

31**.** M.Poornima, **S.Tamil Selvi,** " Study and Design of Slot-Cut Miniaturized Multiband Microstrip Antenna International Journal of Applied Engineering Research (IJAER), Special Issue, Vol. 10, No.9, pp.7177-7182, April 2015. (http://www.ripublication.com/Volume/ijaerv10n9spl.htm)

32. M.Christobel, **S.Tamil Selvi**, Shajulin Benedict ,"Efficient scheduling of Scientific workflows with energy reduction using novel discrete particle swarm optimization and dynamic voltage scaling for computational grids, The Scientific World Journal Hindawi publications,Volume 2015,Article ID 791058,11 Pages, April 2015 (http://dx.doi.org/10.1155/2015/791058) (ISSN:1537-744X).

33. R.Muthu Krishnan, **S.Tamil Selvi**,"Dual Band Square Shaped Slotted Patch Antenna for Wearable Applications",International Journal of Advanced Information Science and Technology,Vol.34,No.34,pp.466-469,Feb2015.

34. Lekhsmi Sree H.A, Jeba Derwin.D, **Tamil Selvi.S**," Detection of Non-Proliferative Diabetic Retinopathy using SVM method",International Journal of Engineering Technology Science and Research(ISSN2394-3386),Vol.2,No.1,pp22-26,Jan2015

35. J.Helina Rajani, **S.Tamil Selvi**, "Performance analysis of Gain Flattened L-Band EDFA for WDM system", International Journal of Applied Engineering Research (Print ISSN 09734562)

36. A. Milton,**S. Tamil Selvi**, "Higher Order Mel-frequency Cepstral and Autoregressive coefficients in recognizing three dimensions of speech Emotions", International Journal of Applied Engineering Research(ResearchIndiapublications),Vol.10,No.10,pp26543-26558,ISSN:0973-4562,2015

37. A.Milton, **S.Tamil Selvi**, "Four Stage feature selection to recognize emotion from speech signals", International Journal of Speech Technology (Springer Science-Business media),Published online by July 2015

38. A. Milton , E.S. Nivea Ghosha, Shilpa S Mohan , **S. Tamil Selvi**, "Analysis towards optimum features and classifiers to recognize the emotion Happiness from Speech Signals", Intl.Journal of Applied Engineering Research(Research India publications), Vol.10, No.12, pp 32585-32600,ISSN:0973-4562,2015

39. S.Lenty Stuwart**, S.Tamil Selvi,** "Zero Intersymbol Interference multiuser system: a new architecture utilizing m-sequence cyclic property", IET Journal , IET Communications, July 2015.doi:10.1049/iet.com.2014.1121

40. E.Golden Julie, **S. Tamil Selvi**, "Development of Energy Efficient Clustering Protocol in Wireless Sensor Network Using Neuro-Fuzzy Approach," The Scientific World Journal, vol. 2016, Article ID 5063261,8pages,2016.doi:10.1155/2016/5063261.
http://www.hindawi.com/journals/tswj/2016/5063261/

41. E.Golden Julie, **S. Tamil Selvi**, " CDS-Fuzzy Opportunistic Routing Protocol for Wireless Sensor Networks," Wireless Personal Commun, Vol 90,No.2,pp 903-922, Springer Science+Business Media New York ,Sep 2016.(DOI 10.1007/s11277-016-3250-8)

42. E.Golden Julie, **S. Tamil Selvi**, Y.Harold Robinson, " Performance analysis of Energy Efficient Virtual back bone path based cluster Routing Protocol for WSN," Wireless Personal Commun, DOI 10.1007/s11277-016-3520-5, Springer Science+Business Media New York 2016, (Published online July 2016).

43. Jeba Derwin.D, Janisha.S.A, **Tamil Selvi.S** ," A survey on Blood Vessel and Optic Disc Segmentation on Retinal Images", International Journal of Engineering Science Invention Research and Development (ISSN2349-6185),Vol.2,No.5,pp 01-06,Jan2016

44. Priti Rishi and **S. Tamil Selvi**, 'Mitigation of Non Linear effects using Non Linear Transform in Dispersion Managed Coherent Optical OFDM Systems', Journal of Computational and Theoretical Nanoscience,vol.15,no.2,pp 551-557,Feb 2018.

45. Priti Rishi and **S. Tamil Selvi** , 'Performance analysis of a spectrally efficient QAM coherent OFDM optical link', Optoelectronics and Advanced Materials – Rapid Communications, Vol. 12, No. 5-6, May-June 2018, pp. 299 – 306.

46. V.Jeyalakshmi, **S.Tamil Selvi**, "Source Compression in two-way two-relay network using compute and forward relaying, International journal of Electronics and Communications,Vol.95,pp 349-354,Sep 2018, Elsevier publications.

47**. Naveena, A, Priyadharsini** & Tamil Selvi, S 2019, "Effective scheduling policies to optimize radio resources between NR-gNodeB and device to device systems in 5G", Wireless Personal Communications, Springer Journal, vol. 109, no. 2, pp. 1071-1093, May 2019 .

48.D.Jeba Derwin, **S.Tamil Selvi**, O.Jeba Singh, "Secondary Observer system for detection of microaneurysms in Fundus images using texture descriptors" Journal of Digital imaging (https://doi.org/10.1007/s10278-019-00225-z), September 2019.(I.F:3.697)

49. D.Jeba Derwin, **S.Tamil Selvi** , "Discrimination of Microaneurysm in color retinal images using texture descriptors" Signal ,Image and Video processing, Springer, Vol 7 ,No.5,Oct 2019(I.F:1.894)

50. D.Jeba Derwin, **S.Tamil Selvi** ,O.Jeba Singh, B.Priestly John, "A novel automated system of discriminating Microaneurysm in fundus images", Journal of Biomedical Signal Processing and control, Elsevier ,Vol.58, Jan 2020 (https://doi.org/10.1016/j.bspc.2019.101839)I.F: 3.137

51.J.Selvalakshmi ,**S.Tamil Selvi** ,T.Samuel Sundarraj, "Extra High Tension Transmission Line Monitoring and location of Faults", Journal of Xi'an University of Architecture and Technology,Vol.12,No.4,pp.2357-2366, April 2020.

52.R.Ramalakshmi, S.Tamil Selvi **"Energy Efficient Techniques in 5G Wireless Communication – A Survey"** International Journal of Scientific Research and Review, Volume 9, Issue 9, pp.: 22-30 September 2020, ISSN: 2279-543X (UGC Approved Journal – 64650). DOI:16.10089.ISJRR.2020.V9I9.287391.322625

53. Naveena A Priyadharsini, **S.Tamil Selvi** , "Adaptive Spectrum Aggregation Regimen for downlink NR-gNodeB and device to device systems in 5G" An International journal on Wireless Personal Communications, ISSN 0929-6212, DOI 10.1007/s11277-020-07944-5,Nov 2020.

54. S.Parvathi, **S.Tamil Selvi**," Detection of Maturity Stages of Coconuts in Complex Background using Faster R-CNN Model, (Article Ref.No: YBENG_YBENG-D-20-00451), International Journal of Biosystems Engineering, Elsevier, Dec 2020

55. S.Tami Selvi, B.Ganapathy Ram,V S Preethashree ,'Secured approach for One umbrella management system for improving health care services, 35th Indian Engineering Congress with the theme Engineering for self reliance and Sustainable goals, Dec 18-20,2020

56. S.Parvathi, **S.Tamil Selvi**," Development of a novel Coconut-tree-climbing machine for harvesting", An International Journal of Mechanics based design of structure and design, April 2021. https://doi.org/10.1080/15397734.2021.1907756

International Conference Publications

1. **S.Tamil Selvi**, Jeyapaul murugan, K.Ramar , "Performance Evaluation of IDMA system with efficient channel coding", International Symposium, Dalian University, China, August 2009.

2. J. Dheeba and **S. Tamil Selvi**, "Screening Mammogram images for abnormalities using radial Basis function Neural Network", IEEE Intl. conf. ICCCCT'10 Proceedings , pp.554-559, Syed Ammal Engineering College, Ramanathapuram, Oct 2010.

3. J. Dheeba and **S. Tamil Selvi** , "Classification of Malignant and Benign Microcalification using SVM Classifier, Proceedings of ICETECT2011, pp 686-690, 2011(IEEE Explorer), St. Xaviers Catholic College of Engineering Nagercoil, March 2011 (DOI**:**10.1109/ICETECT.2011.5760205).

4. **S.Tamil Selvi**, H.Paramanandham, "FPGA implementation of IMUX Interleaver / Deinterleaver for IDMA Scheme", Proceedings of ICECCT 2011, Dr.Pauls Engineering College, Villupuram, Sep 2011.

5. J. Dheeba and **S. Tamil Selvi** ,"A CAD System for Breast Cancer Diagnosis Using Modified Genetic Algorithm Optimized Artificial Neural Network, SEMCCO'11 Proceedings of the Second Intl. Conf. on Swarm, Evolutionary, Memetic Computing-Vol Part 1pp.349-357, SRM University Chennai Dec 2011(Doi:10.1007/978-3-642-27172-4_43)

6. J. Dheeba and **S. Tamil Selvi**," Cascaded Correlation Neural Network Based Microcalcification Detection in Mammographic Images, Proceedings of the Int.Conf.on Information System Design and Intelligent Applications Volume 132/2012, pp.153-160, Vishakapattinam, Jan 2012. (DOI:10.1007/978-3-642-27443-5_18) (Published in Springer Proceedings)

7. G.Dhanabalan, **S.Tamil Selvi**, "FPGA implementation of Efficient Multiplier", IEEE Sponsored ICECCT 2012, Vi Institute of Technology, Kanyakumari, April 2012.

8. M.Mary Helta Daisy **S.Tamil Selvi** , " Gray Scale Morphological Operations for Image Retrieval", IEEE Sponsored ICCEET 2012, Noorul Islam University, April 2012.

9. M.Christobel, **S.Tamil Selvi** , "Energy-based Grid Scheduling Algorithms-A Survey", IRNet Bhubaneswar, April 2012.

11. G.Tamil Pavai, **S.Tamil Selvi**, "Multiple Representations of Perceptual features for texture classifications" , Intl.Con on recent trends in Computational methods, Commun. And

Controls(ICON3C 2012),Government College of Engineering, Tirunelveli, June 2012.

12. G.Tamil Pavai, **S.Tamil Selvi** ,"Color Texture Classification using DLBP", International Symposium on Management Engineering, pg. 93-100, August 2012

13. Mary Helta Daisy. M, **Tamil Selvi. S**, Prinza. L,"Gray Scale Morphological Operations for Image Retrieval" IEEE International Conference(ICCEET) Publications,2012 , Page(s): 571 – 575

14. Mary Helta Daisy .M, **Tamil Selvi S**, Ginu Mole J.S, " Combined texture and shape features for content based image retrieval", Intl. conference on Circuits , power and computing technologies ICCPCT 2013, March 2013. (Digital Object Identifier 10.1109/ICCPCT.2013.6528956) (IEEE

15 Priti Rishi, **S.Tamil Selvi**, "Effects of Four Non-linearities", International Conference on Communication, Computation and Control – ICCCC '13,Christian College of Engineering and Technology, Ottanchathiram, April 2013.

16 Milton.A, Sharmy Roy.S & **Tamil Selvi.S**, 'SVM scheme for speech emotion recognition using MFCC features', Proceedings of the International Conference on Innovations in Intelligent Instrumentations Optimization and Signal Processing(ICIIIOSP), Coimbatore, India,2013, pp. 2212-2217.

17 Mary Helta Daisy. M, **Tamil Selvi. S,** Prinza. L,"Gray Scale Morphological Operations for Image Retrieval" IEEE International Conference(ICCEET) Publications,2012 , Page(s): 571 – 575

18 M Mary Helta Daisy, **S. Tamil Selvi** , J.S. GinuMol "Combined Texture and Shape Features for Content Based Image Retrieval" IEEE International Conference (ICCPCT) Publications,2013, Page(s): 912 – 916

19 G.Gajalaxmi and **S.Tamil Selvi**, "Key Scheduling Technique for spread spectrum Communication",International Conference on Image processing and Networking,Vo.8,pp.227 230,Special Issue II,Feb 2014,ISSN:0973-2993

20 S.Mugunthamala and **S.Tamil Selvi**, "Key Energy saving transmission in Multi-Carrier system for Green Communication", International Conference on Image processing and Networking,Vo.8, pp.304-307,Special Issue III, Feb 2014,ISSN:0973-2993

21 P.Mallika, and **S.Tamil Selvi** ," Information Security based on wavelet transform' Intl conf on Research Vogues in information and Communication Technologies   ,Vol.1,No.1.Feb 2014.

22 Golden Julie,**Tamil Selvi S**, "Reliable Virtual Cluster based opportunistic routing protocol for mobile Adhoc networks", Proceedings of the Artificial Intelligence and Evolutionary Algorithms in Engineering Systems (ICAEES 2014), Springer Publications ,Vol.2,August 2014

23 M.Poornima,**S.Tamil Selvi**, "Study and Design of Slot-Cut Miniaturized Multiband Microstrip Antenna", 2nd International Conference on Engineering, Technology and Science (ICETS'15),pp.843-848,,MuthayammalCollege of Engineering,Namakkal,March 2015

24 R.Muthukrishnan, **S.Tamil Selvi**, " Dual band square shaped slotted patch antenna for wearable application" International Conference on Engineering, Technology and Science, March 2015.

25 E.Golden Julie ,**S.Tamil Selvi** ," Distributed Self-Healing Protocol for Unlimited wireless sensor networks", International Conference on Modeling, Optimization and Computing ICMOC-2014,Noorul Islam University,Kumaracoil 10-11,April 2014.

26 K.Poornima Anuja, **S.Tamil Selvi** , "Futuristic cart for shopping with produt inventory managaement system", International conference on Emerging Engineering Trends and science(ICEETS-2016),Seventh Sense Research Group, Latha Mathavan Engineering College,Madurai,29.03.2016

27 M.Indhumathi, **S.Tamil Selvi**, "An intelligent Seed Sowing Robot by using RF Communication", International conference on Emerging Engineering Trends and science (ICEETS-2016),Seventh Sense Research Group,Latha Mathavan Engineering College,Madurai,29.03.2016

28.V.Jeyalaksmi,**S.Tamil Selvi**,J.Jeyalakshmi, "Performance Analysis of Source compression techniques in physical layer network coding" at International conference on signal processing, control and data analytics-2016 hosted at SAN Diego, USA through Virtual presentation on 27-28,August 2016 **(Best paper award)**

29. Parvathi, S. and **Tamil Selvi, S**. (2017), "Design and Fabrication of a 4 Degree of Freedom (DOF) Robot Arm for Coconut Harvesting" International Conference on Intelligent Computing and Control (I2C2'17) held at Karpagam College of Engineering, Coimbatore. Volume –IV, Pages 251-255, ISBN: 978-15-38603-373-4.

30.**S.Tamil Selvi**, B.Ganapathy Ram, "On the way to Excellence in Engineering Education through Paramount OBE Practices under the Sub theme1: Achieving Excellence through learning outcomes" approved by Editorial Board of WOSA 2018.

31.S.Aarthi, P.Ashmitha Candish, A.Seshora Besima , **S.Tamil Selvi**, M.Satheesh Kumar," A study on cyber threat intelligence using mitreatt&ck framework" **IEEE International Conference on "Emerging Technologies and Applications for a Smart and Sustainable World" (ICEmTASS'21), 16.12.2021 and 18.12.2021,pp 19.**

32.R.Ramalakshmi,**S.TamilSelvi**,"System model for spectral and energy efficient massive MIMO system" ,**IEEE International Conference on "Emerging Technologies and Applications for a Smart and Sustainable World" (ICEmTASS'21), 16.12.2021 and 18.12.2021,pp 122.(Best Paper Award)**

33.Arishenbagam@Ariyammal.P ,**Tamil Selvi.S** , Ganapathy Ram.B " A Survey On Product Tagging Technologies In Agricultural Supply Chain", **IEEE International Conference on "Emerging Technologies and Applications for a Smart and Sustainable World" (ICEmTASS'21), 16.12.2021 and 18.12.2021,pp 48.**

Short term courses/seminars/conference/workshops attended

S.No	Title	Period	Venue
1	UGC sponsored refresher course on Advanced Electronics System	07.11.1994 to 26.11.1994	Mepco Schlenk Engineering College, Sivakasi
2	ISTE Convention on Teacher–Learner Strategy	26.02.2000	National Engineering College, Kovilpatti
3	ISTE seminar on Technical Education in the context of new Economy	15.09.2001	Velammal Engg. College, Chennai
4	AICTE/ISTE Sponsored 13 days STTP on Emerging Trends in high speed Networks	02.12.2002 to 13.12.2002	Pondicherry Engg.College, Pondicherry
5	National Workshop on Digital Communication and Networking	11.02.2006	Kumaraguru College of Engg. & Tech. Coimbatore
6	National Seminar on The Status of Women in India today	12.08.2006 to 13.08.2006	Programme for Empowerment of Women (PEW) of the Peace trust, Kanyakumari
7	National Seminar on Recent Trends in Broadband wireless Technology	16.03.2007 to 17.03.2007	Bannari Amman Institute of Technology, Sathyamangalam
8	National Workshop on MATLAB and its Applications	07.05.2007 to 11.05.2007	SSN College of Engineering, Chennai
9	AICTE sponsored National Seminar on Current Research Issues and Latest Trends in Mobile and Wireless Networks	12.11.2007 to13.11.2007	National Engineering College, Kovilpatti
10	Two day Faculty Development Programme	05.11.2007 to 06.11.2007	National Engineering College, Kovilpatti
11	Short term programme on "Evolutionary Optimization Algorithms: Applications and Research issues	01.06.2009 to 06.06.2009	Thiagarajar College of Engineering, Madurai.
12	FDP on FPGA Based System Design using EDA Tools	11.09.2009 to 12.09.2009	Karunya University Coimbatore
13	Seminar on "Network Security :Research issues and challenges	17.05.2010 to 18.05.2010	Mepco Schlenk Engineering College, Sivakasi
14	AICTE sponsored two day national seminar on "FPGA for DSP Applications	17.06.2011 to 18.06.2011.	National Engineering College Kovilpatti.
15	State level symposium on "Emerging Research in Applied Mathematics"	15.02.2012	National Engineering College Kovilpatti.
16	Attended IETE staff forum	09.08.12	Mepco Schlenk Engineering College, Sivakasi
17	Technical Seminar on "Media Security: A set–theoretic framework for Data Hiding"(Delivered by Dr.Gaurav Sharma,Professor,Dept. of	29.08.2012	National Engineering College, Kovilpatti

S.No	Title	Period	Venue
	Electrical and Computer Engineering, University of Rochester, USA)		
18	One day seminar on Advancements in Image Processing towards Research	16.03.2013	National Engineering College, Kovilpatti
19	Oneday workshop on Quality Improvement Cell under Faculty Development Program of Anna University Chennai	07.02.2014	Government College of Engineering,,Tirunelveli
20	Workshop for Training of Evaluators/Resource persons on outcome based accreditation	Phase I 05.03.2014 Phase –II 14.03.2014-16.03.2014	National Engineering College Kovilpatti
21	One day seminar on "SCADA and its recent trends"	18.04.2014	National Engineering College, Kovilpatti
22	One day Awareness Programme on Intellectual Property Rights	03.05.2014	Mepco Schlenk Engineering College, Sivakasi
23	"One day Awareness workshop on Intellectual Property Rights" Organized by Tamilnadu Technology Development & Promotion Centre(TNTDPC) and Confederation of Indian industry(CII)	08.10.2014	Hotel Sangam, Madurai
24	One day Seminar on Antennas sponsored by IEEE Antennas Society ,Chennai Chapter	18.10.2014	National Engineering College, Kovilpatti
25	Attended two days ISTE TN and P section Annual convention for Faculty members of Engineering Colleges-2014 , co-sponsored by DST, New Delhi on the theme of Empowering Indian Engineering Education for Global Expectations"	07.11.2014 & 08.11.2014	National Engineering College, Kovilpatti
26	Faculty Development Programme on "Emerging Technologies with hands on and Live Demo" in association with Perpetro Technologies, Chennai	11.11.2014-15.11.2014	National Engineering College, Kovilpatti
27	HR Training for senior faculty members	28.11.2014-30.11.2014	National Engineering College, Kovilpatti
28	Attended one day workshop on Intellectual property Rights & Innovations"	07.11.2015	National Engineering College, Kovilpatti
29	Attended Industrial training at "Centre of Excellence in Wireless Technologies"	31.10.2016 – 16.11.2016	IIT Madras Research Park Chennai

S.No	Title	Period	Venue
30	Attended and participated in the Annual Women's Meet-AWM 2017(Women Leadership, Women in Science and technology)	04.03.2017	Venus International Foundation,Chennai
31	Attended oneday workshop on "Outcome Based Education(OBE):National & International Accreditation"	07.01.2018	Thiagarajar College of Engineering,Madurai
32	Participated in the Fifth International conference on Transformations in Engineering Education(ICTIEE) 2018	08.01.2018 & 09.01.2018	Thiagarajar College of Engineering,Madurai
33	Attended GIAN course on "Evolution of Wireless Communication towards 5G"	07.05.2018 to 17.05.2018	IIT Kharagpur
34	Attended Industrial Know how	13.02.2019 t0 15.02.2019	SAMEER,Chennai CEWIT Chennai ITI Ltd, Bangalore NokiaSolutions Pvt.Ltd,Bangalore
35	Attended Innovation Day -2019 celebrations	03.05.2019	ISRO Propulsion Complex, Mahendragiri
36	Attended workshop on SCILAB	04.05.2019	NEC ,Organised by IIT Bombay and sponsored
38	Participated in the two day program on "Planning and Administration for sustainable institutional development: A two –day colloquium for Higher Education Leaders"	02.08.2019 and 03.08.2019	Coimbatore Institute of Technology-Teaching Learning Centre,Coimbatore
39	Participated in the three day technical workshop on"RF Communication System Design with CAD Tools"	20.11.2019- 22.11.2019	Mepco Schlenk Engineering College,Sivakasi
40	Attended ICT Academy SKYCAMPUS-Digital Knowledge Series-Season 2 –Expert Sessions (70 minutes duration)	22.04.2020- 25..04.2020	Online sessions
41	Attended MHRD Innovation cell Entreprenuership development programmes (17 sessions one hour duration from 3.00pm to 4.00pm)	28.04.2020 - 22.05.2020	EDII, Ahamadabad (Through online Sessions)
42	Attended AICTE –NCC-IP online workshop on Universal Human Values (9.30am to 1.30pm & 6.00pm to 7.30pm)	11.05.2020 – 15.05.2020	Faculty Development Programme

S.No	Title	Period	Venue
43	Attended Webinar on "Introduction to IPR and Government Incentives for Startup and MSMEs"	08.07.2020	Indra Ganesan College of Engineering,Manikandam, Trichy
44	Attended WIE week celebration Webinar on "Find the Answers: If you cannot ,change the questions"	10.07.2020	IEEE Madras Women in Engineering Affinity Group
45	Attended International Webinar on "Quantum Computing" presented by Dr.Claire Allison McLellan,Standford University,California ,USA organized by Dept of ECE in association with OSA Chapter	18.07.2020	International Webinar,USA
46	Attended webinar on Administering Mind Maps with Xmind Software	19.07.2020	SALIS, Chennai and Noolagam Pesukirathu
47	Attended AICTE Sponsored six days Short Term Training Program on "Terahertz Band: Next Frontier for Wireless Communication"	20.07.2020-25.07.2020	STTP,IFET College of Engineering,Vilupuram
48	Online webinar on Who am I, Deep Inside, A Youth perspective for success	14.08.2020	Reader Park,Central Library,NEC
49	Attended IEEE ComSoc Bangalore chapter One week Workshop on Wireless Communication	03.09.2020, 04.09.2020, 05.09.2020, 07.09.2020	IEEE ComSoc Workshop, Bangalore Chapter
50	Live webinar on Fusion Energy-Need,Current Challenges and oppurtunities	15.09.2020	Science club, NEC
51	Online Webinar Session on ICT –Best practices in institute	24.09.2020	FDP organized by MasterSoft ERP Solutions Pvt.Ltd,Nagpur
52	Nokia Bangalore University Collaboration For attending technical talks, Student Project demos and panel discussion	19.11.2020-21.11.2020	Nokia University Conclave 2020,Bangalore
53	Attended 35 Indian Engineering Congress on the Theme " Engineering for Self Reliance and Sustainable Goals" as Panelist	18.12.2020	IE(I),Kolkata
54	Attended National Level Technology Entrepreneur Development Programme	12.04.2021 – 28.05.2021	Indian Institute of Information Technology, SriCity,Hyderabad

S.No	Title	Period	Venue
55	Panelist in AICTE FDP workshop on Universal Human Values	26.07.2021-30.07.2021	Online mode 903 participants
56	Attended AICTE 360° Feedback Portal launch and felicitation event	06.08.2021	Online mode Web seminar
57	Attended RKVY-RAFTAAR Trainees-Pre-Seed Category from Cohort 5 MANAGE-CIA	16.06.2021-21.08.2021	Hyderabad, Online mode
58	Workshop and webinar AICTE 360 degree feedback	20.10.2021	NewDelhi, Online mode
59	Attended webinar on "Nano structured materials and devices for sensing applications"	09.12.2021	IEEE Student branch and IEEE EDS Coimbatore chapter India,online mode
60	Attended AICTE UHV Refresher 1workshop	21.02.2022-25.02.2022	AICTE, New Delhi, Online mode
61	Attended workshop GOVT TECKHATHON at Tiruneveli	23.09.2022	Organized by Tamilnadu Start up
62	Attended Boot Camp/Prefinale-Agri Hackathaon 2022 at Madurai	14.12.2022, 15.12.2022	Organized by Tamilnadu Startup

Short term courses/Seminars/Conferences/Workshops organized

S.No	Title	Period	No.of Participants	Venue
1	Anna University Chennai (AUC) Sponsored Faculty Development Training Programme(FDTP) on Digital Communication	07.11.2005 to 12.11.2005	30	National Engg. College
2	AUC sponsored FDTP on Optical Communication	22.05.2006 to 03.06.2006	30	National Engg. College
3	AUC sponsored FDTP on Mobile Communications	10.12.2007 to 22.12.2007	30	National Engg. College
4	AICTE sponsored Short Term Training Programme (STTP) on Advances in Optical Fiber Technology & networks	26.05.08 to 30.05.08	30	National Engg. College
5	AICTE sponsored Staff Development Programme (SDP)on Fiber based and Wireless Optical Networks	07.12.2009 to 19.12.2009	30	National Engg. College
6	State Level workshop on Computer-Aided Design of Light wave Systems	17.02.05 to 18.02.05	30	National Engg. College

S.No	Title	Period	No.of Participants	Venue
7	Workshop on Computer Education to Women Self-Help Group	31.12.2005 to 13.01.2006	30	National Engg. College
8.	Workshop on MATLAB and its Applications	02.01.2009 to 03.01.2009	40	National Engg. College
9	Workshop on Graphical System Design for Engineering Applications using LABVIEW	25.06.2010 to 26.06.2010	30	National Engg. College
10	National Conference on Advances in Electronic Communications	01.04.2011	30	National Engg. College
11	National Conference on Advances in Electronic Communications	24.02.2012	30	National Engg. College
12	National Workshop on e-Resources for Engineering Technology and Research	04.08.2012	100	National Engg. College
13	National Conference on Advances in Electronic Communications	07.03.2013 & 08.03.2013	30	National Engg. College
14	National Conference on Advances in Electronic Communications	04.03.2014	25	National Engg. College
15	National Conference on Advances in Electronic Communications	08.03.2015	25	National Engg. College
16	Convener for Faculty Development Training Programme on "Digital Communication"	30.05.2016 to 06.06.2016	20	National Engg. College
17	Convener for the International Yoga Day celebration	21.06.2016	250	National Engineering College
18	Convener of International Conference on Wireless Smart System Technologies (WiSST 2017)	05.01.2017-07.01.2017	30	National Engineering College
19	Convener for the International Yoga Day celebration	21.06.2017	250	National Engineering College
20	Convener for the International Yoga Day celebration	21.06.2018	250	National Engineering College
21	Convener for the International Yoga Day celebration	21.06.2018	250	NEC
22	Coordinator for Anna University sponsored six-day Faculty Development Training Programme on "Digital Communication"	27.05.2019-01.06.2019	17	NEC
23	Convener for the International Yoga Day celebration through online (Conducted special lecture, Elocution, Quiz Competition)	21.06.2020	100	National Engineering College
23	Coordinator for UHV Cell, Inauguration-Chief Guest:Dr.Ranjani Parthasarathi, Professor and UHV Coordinator, Anna University, Chennai	07.09.2020	120	NEC
24	Convenor for Web conference on" Vasakar Maanaadu" , Organized by Central Library	30.07.2020-01.08.2020	120	Readers Park, Central Library,NEC
25	Coordinator for design thinking training programme for faculty	Phase I 09.04.2021	130	NEC

S.No	Title	Period	No.of Participants	Venue
		Phase II 15.04.2021 &16.04.2021	30	
26	Coordinator for International Yoga Day	21.06.2021 Online	250 students	NEC
27	Coordinated the event on"5G wireless communication and Thermal imaging for effective base station construction" delivered by Dr.Lingasamy,	10.06.2021	15 Faculty members	NEC
28	Coordinator for International Yoga Day	21.06.2022	200 students	NEC

Expert Lecture delivered

	Title	Venue	Date	Participants
1	Optical Communication	Kamaraj College of Engineering, Virudhunagar	05.07.2002	Final Year ECE Students
2	Faculty Development Programme on Fast Ethernet Wireless ATM	National Engineering College (NEC).	05.11.2004	CSE Faculty
3	High performance communication networks and optical Switching	FDTP,NEC	04.12.2004	ECE Faculty
4	Strategic Planning for Improving the Academic Performances of Weaker Students	ISTE forum, NEC	14.07.2004	Faculty
5	Cellular Communication	FDTP,NEC	11.12.2007	ECE Faculty
6	Lightwave Systems	NEC	17.02.2005	PG students Faculty
7	Introduction to Computer Applications	NEC	31.12.2005	Members of Self Help Group, Thoothukudi Dt
8	Optical Access (FTTH)	NEC	26.05.2008	STTP, Faculty
9	Introduction to MATLAB and Basic Commands	NEC	02.01.2009	ECE Students
10	Research issues in MIMO systems	NEC	16.07.2009	FDTP,Faculty
11	Issues in Optical Communication	Kamaraj College of Engineering and Technology, Virudhunagar	25.09.2009	ECE Students
12	Mobile Communication	Infant Jesus College of Engineering,Vallanadu	10.10.2009	ECE Students
13	OFDM for Optical Communication	Infant Jesus College of Engg,Vallanadu	30.09.2010	ECE Students
14	Recent trends in Optical Communication	Kalasalingam University,Krishnancoil	02.11.2010	ECE Students
15	Ethics	Lakshmi Ammal	18.02.2011	Polytechnic

		Polytechnic,Kovilpatti		students
16	Fundamentals of Wireless Communication	G.Venkatasamy Naidu Arts College,Kovilpatti	29.06.2011	Arts College Electronics students
17	Recent trends in Wireless Communication	PSRR College of Engineering for Women, Sevalpatti,Sivakasi	16.08.2011	ECE Students
18	Issues in Wireless Communication	Kalasalingam University,Krishnancoil	27.09.2011	ECE Students
19	Research Issues in wireless and Optical Communication	Mepco Schlenk Engineering College,Sivakasi	12.01.2012	IETE Faculty
20	Applications of Electromagnetic Field theory	Sardar Raja college of Engineering,Alangulam	29.02.2012	ECE Students
21	3G Optical Transport Networks	Sethu Institute of Technology, Kariapatti	27.03.2012	FDP, Faculty
22	Art of Research	National Engineering College	11.08.2012	IE Staff Chapter Faculty and Research Scholars
23	Career Guidance Programme	Kammavar Hr.Sec.School Kovilpatti	15.05.2014	+2 students
24	Cellular wireless networks, GSM architecture and protocol	National Engineering College	11.06.2014	Anna University approved Faculty Developement Training Programme
25	Frame relay networks	National Engineering College	12.06.2014	ISTE-SRM sponsored Faculty Development Training Programme
26	Research issues in Adaptive Signal Processing	Sethu Institute of Technology, Madurai	01.12.2014	One week FDP
27	Green Communication and Networking	National Engineering College	12.01.2016	IEEE –ITS Guest lecture
28	Adopting Digital transformation practices through Libraries	Thiagarajar College of Engineering, Madurai	08.07.2017	National Conference (SALIS 2017)
29	Device-Centric Communications in 5G networks	Mepco Schlenk Engineering College	09.07.2018	IETE Staff Chapter (30 members)
30	National Digital Library of India-Inaugural address and Guest lecture on "Presentation Skills"	K S R College of Technology Tiruchengode	02.11.2018	200 First Year students
31	Anna University sponsored Six-day Faculty Development Training Programme	National Engineering College	27.05.2019-01.06.2019	17

32	"Stress management" programme during National level AICTE Sponsored FDP on cyber security	National Engineering College	6.11.2020 27.11 .2020	43 faculty members 42 faculty members
33	Delivered Guest lecture on Electromagnetic wave and its applications	Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engineering College,Chennai	10.06.2021	100 students
34	'Stress Management ' programme during National level ATAL FDP on 'Predictive intelligence models and its Applications'	National Engineering College	15.07.2021	80 faculty members
35	Presented the session on 'Understanding Human Being ' in AICTE –NCC-IP, National level follow up meeting	Online meeting	18.07.2021	60 faculty members
36	Acted as Chief Guest and delivered Guest Lecture on "Science and Philosophy" during the inaugural function of Spiritual Club	GVN College(Self-Finance)	11.10.2021	120 students
37	Delivered a guest lecture in the webinar on Journey towards 6G Wireless Communication	Arunachala College of Engineering for Women,Nagercoil	30.10.2021	100 ECE Students
38	Delivered a guest lecture on Gender Equality: Discrimination against women,organized by POSH Cell	National Engineering College	05.12.2022	100 students

Funded Project

Co- Investigator for funded project entitled "Fully Automated coconut Harvesting Machine" funded by Department of Science and Technology, New Delhi

Amount Rs 22 Lakhs for 3 years, period from Sep 2015 to Sep 2018.

Funded Project detail

S.NO.	NAME OF THE PROJECT AND FUNDING ORGANIZATION	DURATION	RESPONSIBILITY
1	"Smart Healthcare Management System" NEC Business Incubator	2020-2021 Three months	Co-Founder

Completed NewGen Project detail

Inter Disciplinary Funded Project

S.NO.	NAME OF THE PROJECT AND FUNDING ORGANIZATION	DURATION	RESPONSIBILITY	FUND
1	Table Top Brown Rice Making NewGen – IEDC	One year	Mentor	2 Lakhs

Ongoing NewGen Project detail

Inter Disciplinary Funded Project

S.NO.	NAME OF THE PROJECT AND FUNDING ORGANIZATION	DURATION	RESPONSIBILITY	FUND
1	Peanut Qualifier	One year	Mentor	2 Lakhs

Research Guidance (Ph.D)

Awarded   : 13
Scholars pursuing   : 4

Award
- Received an award titled " Distinguished Woman in Engineering" from Centre for Women Empowerment, Venus International Foundation on 04.03.2017 at Chennai.
- Received Vethathri Maharishi Thathuva Gnani Gnanasiriur Award from Padmasree SMK Mayilanadham, President, World Community Service Centre, Chennai on 02.06.2019 at Temple of Consciousness, Aliyar.

Achievement
Best paper Award

V.Jeyalaksmi,**S.Tamil Selvi**,J.Jeyalakshmi, "Performance Analysis of Source compression techniques in physical layer network coding" at International conference on signal processing, control and data analytics-2016 hosted at SAN Diego, USA through Virtual presentation on 27-28,August 2016

Best Project Award

Title of the project: 'Cognitive Healthcare Management Systems and Services 'presented during national level Technology based Entrepreneur Development programme ,organized by Indian Institute of Information Technology,SriCity,Hyderabad from12.04.2021 to 28.05.2021

Best PaperAward

R.Ramalakshmi**, S.Tamil Selvi**, "System model for spectral and energy efficient massive MIMO system" ,IEEE International Conference on "Emerging Technologies and Applications for a Smart and Sustainable World" (ICEmTASS'21 ,16.12.2021 and 18.12.2021

Book Chapter
Written a book Chapter on " Application of Artificial Intelligence and Machine Learning in Agriculture"
Published by Recent Developments in Computing, Electronics and Mechanical Sciences –RDCEM 2020
,Co authored with Ms.S.Parvathi,Ph.D Scholar ,National Engineering College, Kovilpatti, ANVI
BOOKS (AB) and Publishers, New Delhi, June 2020

Startup Company

Managing Director of Startup Company "Cogniot Technology Private Limited**",** Kovilpatti (established on 05.07.2020)

Membership in professional Bodies

Name of the Society	Grade of Membership
Life member of ISTE, New Delhi	LM 13900
Life member of CSI, Mumbai (Senior Member)	LM 00007039
Fellow of IETE, New Delhi	F-198454
Fellow of IE (I),Kolkata	F-116711-8
Member of IEEE,US	M-92156643

- Paper presentation in National Conference   : 30
- Guiding B.E and M.E Projects
- Attended conference as Session Chairperson : 26
- Countries Visited for presenting paper in
   International symposium   : Dalian University, China (during August 2009)
- SKY(Simplified Kundalini Yoga) Professor in WCSC-SMART
   (World Community Service Centre –Selection of Masters and Training, Aliyar, Pollachi)
- Completed six months correspondence course on **Students Counseling** (Roll.No:ILPS1418) in Coimbatore Psychology Foundation from July 2014 to Dec 2014.

Other Responsibilities Held

- Time Table committee convener during 1997 to 1998
- YRC coordinator during 1999-2000
- Deputy Warden in Ladies Hostel during 2001 to 2006
- Board of Studies member in National Engineering College since 2011
- Yoga Club Convener since 2014
- Reader Park Convener since 2018
- Dean (Academic) since 2019
- Member of Planning Board , Periyar University, Salem for the period of three years (Sep 2016-August 2019)
- Coordinator for NEC-UHV and SIP cell
- Coordinator for AICTE 360 degree feedback since Feb 2021
- NDLI Club president since May 2021
- SPOC for Naan Mudhalavan programme and Nalaiya Thiran Programme

Cambridge English: Language Assessment

Completed Council of Europe Level B1 Certificate during May 2017 (Mark scored 159/200)

Yoga related activities

- As a Yoga club convener and Professor of SKY Yoga, practicing and teaching **One year diploma course on Yoga for Youth Empowerment** for National Engineering College students since June 2014 .This course is considered as one credit Non-CGPA Personality Development course in NEC Regulation 2015 and Regulation 2019. Average of 300 students (including Hostel and Days scholar) had attended the Yoga class every year. The course includes practicing Meditation, Simplified Kundalini Yoga exercise ,Yoga Asanas including Surya Namaskar,

Kayakalpa Practice, Self Introspection (Analysis of thoughts, Moralization of Desires, Neutralization of Anger, Eradication of worries and who am I?).The course is being conducted at NEC auditorium on Monday and Wednesday from 5.00pm to 6.15pm every week throughout the academic year.

- Teaching Yoga classes for all II Year students of K.R.Arts and Science College,K.R.Nagar,Kovilpatti throughout the semester in all even Saturdays from 10.00am to 4.00pm.This Yoga class is included as a mandatory course in the curriculum of Arts and Science College under Manonmaniam Sundaranar University,Tirunelveli.

- Teaching Yoga practices through Kovilpatti Manavala Kalai Mandram, to the public in the early morning hours.(from 6.00am to 7.30am)

- Handling I Year and II Year M.Sc (Yoga for Human Excellence) courses to students who have registered in Bharathidasan University, Manonmaniam Sundaranar University and Bharathiar University in the evening hours.

NPTEL courses attended

Course Name	Session	No. of weeks	Marks obtained	Organized by
Optical Communication	Sep 2016	12	67%	IIT Kanpur
How the brain creates mind	Sep 2016	4	68%	IIT Kanpur
Probability and Random Process for Wireless communication	April 2017	4	55%	IIT Kanpur
Introduction to wireless and cellular communication	Oct 2017	12	69%	IIT Madras
Soft Skills	Oct 2017	12	86%	IIT Roorkee
Introduction to Internet of Things	April 2018	12	76%	IIT Kharagpur
Applied optimization for wireless communication, Machine Vision, Bigdata	Oct 2018	12	56%	IIT Kanpur
LDPC Codes and Polar codes for 5G Standards	March 2019	4	53%	IIT Madras
Principles of CDMA,MIMO,OFDM in wireless communications	Nov 2019	8	82%	IIT Kanpur
Managing Innovations	March 2021	4	70%	IIM,Bangalore
Industry Internet of Things(IIOT),4.0 Standard	Oct 2021	12	72	IIIT Kharagpur
Air interface Evolution in Wireless communication towards 5G	April 2022	8	75	IIIT Kharagpur
Signal Processing for mm Wave Communication for 5G and beyond	Dec 2022	12	69	IIIT Kharagpur

Adjudged as NPTEL DISCIPLINE STAR in the Electrical Engineering Discipline for the period JULY-DEC 2022

Journal Reviewer: Review of Journal Paper in IEEE Access and Elsevier ,July 2021
Orcid Reference : https://orcid.org/0000-0001-7182-518X

Member in Faculty recruitment board (Electronics),GVN College,Kovilpatti -22.02.2022