CURRICULUM VITAE

Dr. E. Dhiravidachelvi
3/134,AG1 Opal Homes,
First Cross Street
Perumbakam
Chennai-600100
Mob No-9442046457.
8825774054
Email id-dhiravidachelvi@gmail.com
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WORK EXPERIENCE:23 Years

S.No	Positions Held	Name of the Institute	From	To
1.	Head/Planning & Monitoring Professor /ECE	Mohamed Sathak Engineering College	09.03.2022	Till date
2	Professor /ECE Head/Academics	Mohamed Sathak A.J College of Engineering	23/06/2008	8.03.2022
3	Assistant Professor	St.Micheal Institute Of Technology	03/06/2007	30/04/2008
4	Lecturer / Assistant Professor	Mohamed Sathak Engineering College	05/05/1999	30/04/2007

ACADEMIC QUALIFICATION:

Qualification	University/College/School	Year of Study	Location of Institution
PhD (Medical Image Processing)	Sathyabama Institute of Science & Technology	2010 -2017	Chennai
ME (Communication Systems)	MKU/Thiagarajar College of Engineering	1997-1998	Madurai
BE (ECE)	MS University/TIEC	1992 -1996	Tirunelveli

PHD THESIS TITLE   : Performance Enhancement of Retinal Defect Identification by Diagnosing Diabetic Retinopathy in Fundus Images

AREA OF INTEREST:

1. Digital Image Processing
2. Electromagnetic Fields
3. Electronics Circuits 1
4. Antennas and Microwave Engineering
5. Satellite communication
6. Wireless Network
7. Digital communication

AWARDS & ACCOLADES:

S.NO	Name of the Award	Awarding Agency	Year
1	Innovative Technological Research & dedicative Academician Award	The Society of Innovative Educationalist& Scientific Research Professional	2022
2	Dynamic Performer Award	Mohamed Sathak A J College of Engineering	2022
3	Singa Penne	Women's Empowerment cell, MSAJCE	2020-2021
4	Best teacher	MSAJCE	2018-2019
5	Result Achiever	MSAJCE	2017-18
6	Innovative & Dedicative Teaching ProfessionalAward	Society of engineers &Technicians, KualaLumpur, Malaysia	2017
7	Best Department	MSAJCE	2015-2016
8	Result Achiever	MSAJCE	2016
9	Best teacher	MSAJCE	2010

PROFESSIONAL MEMBER

     1. IETE

     2. MISTE

     3. IAENG

     4. OPTICAL SOCIETY OF INDIA

GRANTS FETCHED:

1. Tamil Nadu State Council For Technology &National Council for Science& Technology Communication, sponsored, Two days Hands on training on Device to device communication in 5 G Networks using Lab view- Rs: 20000 - Sanctioned to conduct on July 2021

2. Tamil Nadu State Council for Technology &National Council for Science& Technology Communication, sponsored one day National Seminar on Radar Navigation and Antenna Applications, on 31.07.2017 at MSAJCE –Rs: 15000

PATENTS:

Sl.No	Application Number	Title	Published-Date
1	202241005298	Detection of Plant- Disease by using Image- Processing and Machine Learning Technologies	31.01.2022
2	202141014294	Real Time Crowed Analysis Using Static Video Surveillance	30.03.2021
3	2020101867	Design And Implementation of A Disaster Management System Using IOT And Cloud Computing Techniques For A Connected Buildings To Save Lives With Early Warnings	09.09.2020
4	202041033273	Vehicular Edge Computing Using A Smart Embedded System For Intelligent Transportation	21.08.2020

PROPOSALS SUBMITTED:

S.No	Title	Cost in Lakh	Month of submission	PI and Co-PI Name	Your Role (PI/CO-PI)	Agency	Status
1	Design, Simulation and Fabrication of Non-Invasive UWB Patch Antenna for Cervical Cancer Detection	Rs: 35,48,625	30.06.2022	PI: Dr.E. Dhiravidachelvi	PI	DST-SERB-EEQ	Accepted for Evaluation
2	RES-NRSC-2022-013: Crowd sourcing for landslide inventory using IoT	Rs: 20Lakhs	15.06.2022	PI: Dr.E. Dhiravidachelvi Co-PI: Dr.P. Sathees Kumar	PI	ISRO-Respond-Basket	Under Process
3	RES-NRSC-2022-015: Predictive yield modeling under climate change scenarios	2369202	14.06.2022	PI: Dr.E. Dhiravidachelvi Co-PI: Vengatesh Kumar S	PI	ISRO-Respond-Basket	Under Process
5	System on Chip Design for Diagnosis of Eye diseases in Retinal Image	Rs. 75.70 Lakhs	15.03.2022	PI: Dr.E. Dhiravidachelvi Co-PI: Mr.K.M. Alaaudeen	PI	Chip to Start up	Positive Consideration

REVIEWER:

1. IET -Image Processing
2. Inderscience Publishers
3. International Journal of Biomedical Engineering and Technology (IJBET)
4. Journal of Ambient Intelligence and Humanized Computing (AIHC)
5. International Journal of Smart Electronics and Government Application (Special Issue)

BOOKS / MONOGRAPHS PUBLISHED:

Sl. No	Title of the Book	Author (s)	Name & Address of the Publisher	Year of Publishing/ISBN
1	Artificial Intelligence and its Applications	Dr.C.T. Manimegalai Dr. K.Kalimuthu Dr.E.Dhiravidachelvi Dr. Sabitha Gauni	Shanlax publications	28.06.2022 978-9394899-41-4
2	Digital Communication And Computer Networks	Dr.E.Dhiravidachelvi Dr.I. Manju Dr.G.Premalatha	Unique Pub International (UPI) INDIA	Jan , 2022 ISBN: 978-81-954927-6-3
3	Internet of Medical Things (IoMT) with machine learning – Based COVID -19 diagnosis model using Chest X – Ray Images	S. Sheebarani, S. Selvakumar , K. Pradeep Mohankumar , Duong Thanh Tai, Dr.E.Dhiravidachelvi	Biomedical Engineering – Data Science for COVID – 19- ELSEVIER, Volume 1- Computational Perspectives	May, 2021 https://doi.org/10.1016/ B978-0-12-824536-1.00001-0 ISBN : 978-0-12-824536-1 Pages: 627-639
4	Firefly- Binary CuCkoo Search Technique based heart disease prediction in Big Data Analytics	G. Manjula , R. Gopi,S. Sheeba Rani , Shiva Shankar Reddy, Dr.E. Dhiravidachelvi	Applications of Big Data in Healthcare- Theory and Practice - ELSEVIER	March,2021 ISBN : 978-0-820203-6 Pages : 242- 260
5	Fundamentals of Electrical Measuring Instruments	Annadevi.E Yogalakshmi.S Dhiravidachelvi .E	Sriseyon publications- Chennai	2017 ISBN -978-93-83409-35-8

INVITED TALKS / CHAIRING A SESSION/ GUEST LECTURE/ JURY Etc:

Sl.No	Program	Title of Presentation/ Session chaired	Venue	Period
1	International Conference on Power of Artificial Intelligence and Machine Learning for Human Empowerment	Organizing Committee member	The Institution Of Electronics And Telecommunication Engineers, IETE Chennai Centre	22.04.2022 t0 23.04.2022
2	NEET - 20	Deputy center Superintendent	MSAJCE	13/09/2020
3	International Virtual Conference on Computational Intelligence and Applications - ICCIA 2020	Session chaired	MSAJCE- IT Department	28/08/2020
4	International Conference on Recent innovations in science, engineering and technology - ICRISET	Session chaired	Jeppiaar Institute of technology.	24/7/2020
5	Three Days FDP on Recent Trends in Medical Image Processing	Resource person	MSAJCE- IT Department	28/05/20 to 30/05/20
6	State Level Technical Symposium	Paper Presentation- Session Chair	MSAJCE	20/02/20
7	State level programAthiradiveeranMarpoar Kaali	Chief guest	Makkal TV	14/01/20
8	Tech Jumboree Technical Symposium	Paper Presentation- Session Chair	MSAJCE	01/11/19
9	SIGCMA 2017 -Sathak Intellectual Guidance	Carrier guidance Presentation	Mohamed Sathak Mat.school, Ramanathapuram	12.11.17
10	Namvirundhinar program	Special guest	Podhigai TV	06-07-17.
11	Namvirundhinar program	Special guest	Podhigai TV	19-06-16

LIST OF PUBLICATIONS

1. E. Dhiravidachelvi , S. Senthil Pandi,R.Prabavathi , C. Balasubramanian," Artificial Humming Bird Optimization–Based Hybrid CNN-RNN for Accurate Exudate Classification from Fundus Images", Journal of Digital Imaging , doi.org/10.1007/s10278-022-00707-7 (Annexure 1)

2. E. Dhiravidachelvi, H. Peer oli, E. Anna Devi, C.T. Manimegalai, "A Deep Learning Algorithm For Automatic Detection Of Leaf Deficiency And Disease Occurrence", Neuro Quantology, May 2022,Volume20,Issue5, Page4635-4655. (Annexure 1)

3. E. Dhiravidachelvi, M.Suresh Kumar , L. D. Vijay Anand , D. Pritima , Seifedine Kadry , Byeong-Gwon Kang and Yunyoung Nam," Intelligent Deep Learning Enabled Human Activity Recognition for Improved Medical Services", Computer Systems Science & Engineering, CSSE, 2023, vol.44, no.2, Page : 961-977. (Annexure 1)

4. E.Dhiravidachelvi,M.Kamarajan,E.Jayanthi,I.S.Suganthi , S.Priyadharshini, S.Sonadevi, " Automatic Detection of Invasive and Non Invasive Lobules of the Breast in Mammogram Images",Turkish Journal of Physiotherapy Rehabilitation , 32 (23),2021, 2036-2043, ISSN :2651-4451, e- ISSN: 2651-446X (SCOPUS)

5. E.Dhiravidachelvi, Dr.V.Rajamani and C.T.Manimegalai,"GLCM Based Detection and Classification of Micro Aneurysm in Diabetic Retinopathy Fundus Images" in Advanced Intelligence Paradigm in machine vision, image processing and pattern analysis. Vol-14,Issue (1-2), page no 55-69, 2019,ISSN:1755-0386. **(SCOPUS)**

6. K.Shankar,MohamedElhonesy,E.Dhiravidachelvi,SK.Lakshmanaprabhu, Wanqing Wu "An Efficient Optimal Key Based Chaos Function for Medical Image Security", Vol 6, pages 77145-77154 ,ISSN 2169-3536, IEEE Access on New Trends in Brain Signal Processing and Analysis 2018.**(SCI)Impact factor :4.2**

7. Dr.E.Dhiravidachelvi,A.Durga,R.Meenakumari,"Portable Heart Disease Detector" Journal of Emerging Technologies And Innovative Research onJune 2018, Volume 5, Issue 6 (ISSN-2349-5162)

8. E.Dhiravidachelvi, Dr. V.Rajamaniand.P.A.Janakiraman, "Identification of Hard Exudates in Retinal Images", Artificial Intelligent Techniques for Bio-Medical Signal Processing ,Bio medical research Journal, 2017, S336-S343, ISSN 0970-938X **(SCI)**

9. E.Dhiravidachelvi,Dr.V.Rajamani,Dr.P.A.Janakiraman,"Speedy Location of The Optic Disc in Retinal Images", Journal of Medical Imaging And Health Informatics, Vol. 6, No.8,1906–1912, 2016, ISSN 2156-7026,(SCI) (Annexure 1)

10. E.Dhiravidachelvi, C.Karthick, J.Raja, K.SabithaBanu, "Characteristic Analysis Of Hard Exudates In Retinal Images", International Journal Of Pure And Applied Mathematics, Volume 117, No .15, Page 1021-1029, ISSN: 1314-3395 ,2017,(**SCOPUS**)

11. E.Dhiravidachelvi ,E.Jayanthi,I.S.Suganthi and S.Priyadharshini "Automatic Detection of Micro Aneurysm In Retinal Images" Journal of Pharmaceutical Science And Research, Vol. 9(1), 2017, 74-80,ISSN No:0975-1459 (**SCOPUS**)

12. E.Dhiravidachelvi, M.L. Syed Ali, C.Karthick, J. Raja, S. Naveenkumar, B. AlagarRamanujam, "Hard Exudate Detection Iin Retinal Images Using Statistical Parameters", World Journal of Engineering Research and Technology, Vol 3, Issue 5, page no, 274-283, ISSN 2454-695X

13. E.Dhiravidachelvi, C.Karthick, J. Raja' Red Lesion Detection Using Dynamic Shape Features For Retinal Images", AIIS Journal of Advances In Ece(JAECE), Vol 4, Issue 2, page no, 65, 2017.

14. E. Dhiravidachelvi and Dr V. Rajamani,' A Novel Approach For Diagnosing Diabetic Retinopathy Infundus Images,' Journal of Computer science, 11(1): 262- 268,2015,ISSN 1549-3636 (**SCOPUS**)

15. E.Dhiravidachelvi and Dr V. Rajamani ,'Analysis of Retinopathy Images By Examining Blood Vessels**,** International journal of Applied engineering Research,ISSN 0973-4562, Volume 9,number 22 (2014)pp. 13465-13474 .(**SCOPUS**)

16. E.Dhiravidachelvi and Dr.V.Rajamani, 'A Survey on Anatomical Structures: In Fundus Retinal Images,' International Journal of Engineering Science And Advanced Technology, ISSN 2250-3676, Volume-3 issue-3,page 183-187.

17. E.Dhiravidachelvi and Dr.VRajamani**, '** A Review on the Abnormalities of Diabetic Retinal Images**'** International Journal Of Engineering Research And Technology, ISSN 2278-0181,Vol 3,issue 4,April 2014,pages 79-85

LIST OF CONFERENCES:

1. E.Dhiravidachelvi,"A Study on Segmentation Technology of Ultrasound Deep Network Segmentation of Thyroid Nodules",International conference onAdvances in science , Engineering and Technology, Karur, Tamil Nadu on 27 .05 .22 & 28.05.22.

2. Mohamedthanseer, Sudharsan, Dr. E.Dhiravidachelvi , "Brain tumer Detection in Microwave Imaging System using Batch Antennas", 4 th International virtual conference on Recent Trends in Science , Engineering & Management (ICRTSEM-2020) ,14.08.2020, ORGANISED BY Karpagavinayaga college of Engineering & Technology

3. Janakipriya, WashikaBanu , Dr.E.Dhiravidachelvi," Brain Tumor Segmentation and Classification using neural network", National Conference on Emerging Technologies in Smart city (NCETS 2019),IEEE students Branch of SRM Institute of Science and Technology,Ramapuram,Chennai on 03-04-2019.

4. R.Avinash,K.Jayakanth,Dr.E.Dhiravidachelvi," Automatic fire extinguisher robot using flame and smoke sensor", National conference on Signal Processing and Communication Technologies (NCSC'19) on 29-03-19, Anand Institute of Higher education and Technologies, Chennai.

5. A.Durga,R.Meenakumari, Dr.E.Dhiravidachelvi,"Portable Heart Disease Detector" National Conference On Innovative Trends In Engineering in Engineering & Technology(NCITET 18) on 7th March 2018.

6. LubnaAmethulWadhoodh,V.Mosinathabassum,E.Dhiravidachelvi, "Bright lesion detection using dynamic shape features for diabetic retinopathy screening ",International Conference on Emerging Trends in Information and Communication Technologies,Sethu Institute of technology ,Kariapatti,4 th April,2017.

7. N.T. Varnika , M.Sugaleka, M.Susmitha,E.Dhiravidachelvi,"Energy Harvesting Using PELTIER through Cold and Hot Junction", International Conference on Emerging Trends in Information and Communication Technologies,Sethu Institute of technology ,Kariapatti,4 th April,2017.

8. E.Dhiravidachelvi , Dr. V. Rajamani, "Automatic Exudate Detection in Diabetic Retinopathy Fundus images", International Convention on Dissemination of Innovative Research in Science Engineering Technology & Management Applications ,Kuala Lumpur, Malaysia 11th - 12th March 2017 , PPM-019-14-21052012

9. E. Dhiravidachelvi and Dr.V.Rajamani, "Search analysis for hard exudate detection in retinal images." in the Proceedings of the National Level Conference on Nascent Technologies in Biomedical ,Electrical , Electronics and Communication (NT BEECOM'17) , Vel Tech Multi Tech Dr.Rangarajan Dr. Sakunthala Engineering College, Chennai.21 th January 2017. Pp. 37-37.

10. E. Dhiravidachelvi and Dr.V. Rajamani, " Computerized detection o optic disc in diabetic retinal images using background subtraction model", IEEE International Conference on Circuits, Power and Computing Technologies (ICCPCT 2014), Noorul Islam University, Nagerkovil ,978-1-4799-2395-3/14/$31.00,2014 IEEE

11. E.Dhiravidachelvi and Dr.V.Rajamani, "Automatic classification of exudates in diabetic retinopathy through fundus images" in the Proceedings of the 2nd International Conference on Smart Technologies for Materials, Communication, Controls, and Computing & Energy – ICST 2013 dated 3-5 January 2013, Veltech Technical university.

12. E.Dhiravidachelvi, and Dr.V. Rajamani,"Blood vessel extraction in diabetic retinopathy images", in the National Conference on Recent Trends in Electronics and communication (NCRTECE 2014)organized by SMK Fomra institute of technology on 21st march.

13. E.Dhiravidachelvi ," Detection of soft exudates in diabetic retinal images" in the national conference on Emerging Trends and Technology in computer science at shriAndalAlagar college Of Engineering ,Mamandur

14. E. Dhiravidachelvi," Automated feature extraction of diabetic retinopathy in fundus images by morphological operations", National conference on communication & informatics (NCCI 2012),April 04,2012,at Shree MotilalkanhayalalFomra institute of Technology

15. A.Bismi, B. Jeyapornima,E.Dhiravidachelvi," Color Clustering and learning for image Segmentation based on Neural networks" , National Conference on Emerging Trends in Instrumentation and Communication technology, 16 th and 17 th march 2006.

16. S.Pramod, E.Dhiravidachelvi," A New protocol for Efficient Key Management in Secure group communications", National Conference onEmerging Trends in Instrumentation and Communication technology, 16 th and 17 th march 2006.

17. A.Mohamed Abbas ,E.Dhiravidachelvi ," VLSI Implementation of excisor for global Positioning Receiver system ", National Conference on recent trends in communication techniques, 8th and 9 th , 2006 at Noorul Islam college of Engineering

18. C.Anitha , E. Dhiravidachelvi, " VLSI implementation for 1-D Multilevel Lifting Based wavelet Transform , National Conference on recent trends in communication techniques, 8th and 9 th , 2006 at Noorul Islam college of Engineering

SEMINAR / GUEST LECTURE/WORKSHOP ORGANISED:

1. One Day Workshop On Problem Solving and Ideation for Institution Innovation Council (IIC) on 15.09.2021
2. One Day Webinar On Effective Communication Skills for Successful Career , 12/06/2021
3. One Day Webinar On Applications of Analog and Digital IC's. 24/ 05/ 2021
4. One Day Webinar On 10++ Reasoning and Thinking Skills on 29/03/2021
5. One Day Webinar On Multimedia Authoring Tools Demo on 20/02/2021
6. Three days Online Faculty Development Program On Electromagnetic Fields , 29/12/2020
7. International Virual Conference on Emerging Frontiers in Control and Communication Technologies , ICECCT 2020, on 20/08/2020
8. Five days Online FDP on Research Aspects in Signal and Image Processing from 27/07/20 to 31/07.20
9. One Day Webinar On Signal and Power Integrity in Semiconductor Industry on 27/06/2020
10. One Day Webinar On Cyber Physical Systems and its Applications using LABVIEW on 24/06/2020
11. One Day Webinar On Art of Thinking BIG on 11/06/2020

12. Three days Online Faculty Development Program On Embedded & IOT Boot Camp, 27/05/2020
13. Five days National level online Technical Quiz contest – Tech Intellect2020 for Polytechnic students on 18/06/20 to 22/06/20
14. IETE Sponsored Inter Department QUIZE – IETE Students Forum on 12/02/2020
15. Guest Lecture on "Performance in Recruitment" Organized by ECE department on 09/01/2019.
16. Seminar in the topic of "Scope of Electronics Engineer in Various Domain" on 30/01/2019 for all Year ECE students
17. One day workshop on "Embedded Systems" to III and IV year ECE students on 07/09/2018
18. One Day hands On Training on Network simulator 2 – 30/11/2017- for Faculties
19. IETE Sponsored Seminar on Recent Trends in Optical Communication on 16/08/2017
20. TNSCST Sponsored One Day Seminar on Radar And Antenna Applications – 31/07/2017
21. One Day Guest Lecture on EMBEDDED SYSTEMS at 07/07/2017
22. Seminar on Social Media addiction, Stress Management and Goal Setting Interview Planning on 25/07/2016
23. One Faculty Development Program on Effective Teaching and Time Management- 04/07/2016
24. One Day seminar on RF AND MICROWAVE ENGINEERING – 09/09/2015

COURSES/SEMINAR / WORKSHOP/FDP-ATTENDED:

1. Participated Online Training Programme on LabView and MATLAB Programming, conducted by NITTR, Chennai from 22.11.2021 to 26.11.2021
2. Participated AICTE exams reforms workshop ,conducted by AICTE from 6.10.2021 to 8.10.2021
3. Participated Innovation Ambassador Training (Foundation Level) , Conducted by MoE's Innovation Cell & AICTE from 30.06.2021 to 30.07.2021.
4. Participated online AICTE Training And Learning (ATAL) Academy Online FDP on, "Engineering Law- Patent Law for Engineers and Researches " from 26.07.2021 to 30.07.2021 at Prathyusha Engineering College.
5. Participated online AICTE Training And Learning (ATAL) Academy Online FDP on,"Innovation Incubation and Enterpreneurship " from 05.07.2021 to 09.07.2021, Sri Padmavathi Mahila Visvavidhyalayam, Tirupathi.
6. Participated online AICTE Training And Learning (ATAL) Academy Online FDP on " online Teaching and Learning Technologies" from 14.06.2021 to 18.06.2021, at otilal Nehru National Institute of Technology, Allahabad.
7. Completed the Udemy course of " Matlab Digital Image Processing from Ground Up" , 27.12,2020

8. Attended five days online STTP on Evolution of RF Electromagnetics from Microwave to mmWave technologies from 19.12.2020 to 23.12.2020 at Veermata Jijabai Technological Institute College

9. Participated online AICTE Training And Learning (ATAL) Academy Online FDP on, "Robotics", from 24.11.2020 to 28.11.2020 at Bharati Vidyapeeth College of Engineering . Pune.

10. Participated online AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 30.11.2020 to 04.12.2020 at Sri Sairam Engineering College.

11. Completed the course of fundamentals of Digital Image and Video Processing in Northan university, Coursera on 01.11.2020

12. Completed "RF System Engineering" Masterclass program from 14.09.2020 to 29.09.2020 at TeslaMinds, Chennai

13. Participated online Webinar Series on Avenues of Electronics" conducted forthree days from 24.06.2020 to 26.06.2020 at Anand Institute Of Higher Technology

14. Participated online FDP onRecent Advancements in AI, IOT, and Data Science during 08/06/2020 to 12.06.2020 at Crescent Institute of Science &Technology

15. Participated online FDP on Recent Trends in Research Opportunities in 5G & Beyond, during 25/05/20 to 27/05/20 at SRM Institute of science and Technology.

16. Participated online FDP on Two Days Webinar on 3 D EM Simulation Involving CST Software during 18/05/20 to 19/05/20 , SriVenkateshwara College Of Engineering

17. Participated online FDP on Effective Proposal Writing for Research and Funding ,during 13th May to 18th May 2020 at Sandip Institute of Technology & Research Centre, Nashik, In association with IEEE Women in Engineering

18. Participated online FDP on ATAl- FDP on MSME-Artificial Intelligence during 11/05/20 to 15/05 /20, MSME-AICTE

19. Participated online FDP onArray Antenna Design using HFSS during 12/05/20 to 13/05/20 at ANSYS-ENTUPLE Technologies

20. Attended online certificate course on Machine Learning at 10/05/20 on TATA STEEL

21. Participated online FDP on Spoken Tutorial Projects – Python , IIT Bombay , Organised by Eswari Engineering College - 20.04.2020 to 30.04.2020

22. Completed NPTEL-AICTE Course on Computer Networks and Internet Protocol for the duration of Jan to Apr -2020.

23. Completed NPTEL-AICTE Course on Antennas for the duration of Jan to Apr -2020.

24. Attended online certificate course on Programming Essentials in Python – CISCO on 24/04/20

25. Completed Python Digital Image Processing from Ground up course on **12/04/2020, Udemy**

26. Participated Online Internship on Deep Reinforcement Learning using Python,St.Peter's Institute of Higher Education and Research on 30.03.2020 to 08.04.2020.

27. Attended online certificate course on LabVIEW Core 1, 2, 3 at National Instruments on 18/04/20

28. Completed NPTEL-AICTE Course / FDP on Digital Image Processing
for the duration of July to oct -2019.

29. Completed NPTEL-AICTE Course / FDP on Introduction to Internet of Things for the duration of July to oct -2019.

30. Attended online certificate course on Introduction to IOT - CISCO at 04/04/20

31. Participated in National level workshop on "Engineering Applications of MATLAB" during 8th,9th,10th of January 2014, at Sathyabama University, Chennai

32. Participated in Two days' workshop on "End-to-End Exploration of MATLAB for Image Analysis", during 12th,13th,April 2013,AnnaUniversity,Chennai

33. Participated in Two days' workshop on "Fundamentals of signal & Image Processing using MATLAB"during 13th,14th,December ,2012,at E.G.S.Pillay Engineering College,Nagapattinam.

34. Participated the Seminar on "Advances in Signal and Image Processing"during 16th,17th,September ,2011,at SSN College of Engineering ,Chennai

35. Participated in Three days Faculty Development Programme on ," Instructional Design and Delivery – Quality improvement Programme ", conducted by National Institute of Technical Teachers Training and Research, Ministry of Human resource Development , Chennai on 26. 03. 2009 to 28. 03. 2009.

36. Participated in one day seminar on Intellectual Property Rights, conducted by Anna university and Ministry of Communication & Information Technology, held at Mohamed Sathak Engineering College on 22.01.2007.

37. Participated in the Short term Training Programmeon " Technical education Quality improvement Programme -Network lab ", held at AlagappaChettiar College of engineering and Technology , Karaikudi on 22. 09 . 2006.

38. Participated in one day workshop on Patent Awareness, sponsored by Department of science & Technology and Tamilnadu Patent information Centre, held at Mohamed Sathak Engineering College on 05. 04.2006.

OTHER ACHIEVEMENTS:.

- Question Setter – Cognitive Radios for Pannimalar Engineering college, Anna university , Chennai on 6.11.2021.
- NPTEL SWAYAM – SPOC, LC id – 524, MSAJCE
- Completed NPTEL Courses – Four Courses , Got Elite Silver Certificate in Digital Image Processing
- Overall college Discipline coordinator in MSAJCE
- Organized IETE Students Member Association-2017
- Organized MOU signed function with BSNL, VI Microsystem, PAN tech, ABE semiconductor
- Women Empowerment Coordinator, Mohamed Sathak A.J college of Engineering, Chennai,
- Introduced new PG course in VLSI Design, Mohamed Sathak A.J college of Engineering, Chennai 2013
- College ISO coordinator ,2013
- Introduced new Computer Network Lab , MSAJCE, Chennai, 2011
- Department Project coordinator
- Time table coordinator for the college for two years
- Question Setter – SRM university, 2000

GUIDED PROJECTS:

UG Projects: More than 30

PG Projects: More than 15

DECLARATION

Hereby I declare the above information is correct and true to the best of my knowledge.

Date   Signature
Place