



## **Dr. E. MOHAN M.E., Ph.D.,**

**Present & Permanent Address**

**New No: 25 Old No: 11**

**Pavala Vanner Street,**

**Kanchipuram – 631 502.**

**Tamil Nadu, India**

### **CARRIER OBJECTIVES:**

- ✓ **Imparting Quality Technical Knowledge to Young Engineers.**
- ✓ **Motivating them to realise their potential.**
- ✓ **Excelling in the field of Teaching and Training.**
- ✓ **Performing Research Activities in the Technical Disciplines.**
- ✓ **Raising their level of Performance as a Mentor, thereby becoming a Nucleus of Enlightened Guidance.**
- ✓ **Achieving Team Spirit among the wards.**
- ✓ **Producing steady and permanent growth for the Institution and Staff, Qualitatively and Quantitatively.**

### **RESOURCES:**

- ✓ **A fair degree of Perspicacity is my chief merit with which I have won the admiration of my Superiors and adoration of my peers and subordinates.**
- ✓ **Adapting quickly to any situation/envirom.**
- ✓ **Inspiring Leadership Qualities.**
- ✓ **Enthusiastic to co-operate as a Team Player.**
- ✓ **Self-realizing and motivating individuality of the Constituent Members.**

**EXPERIENCE DETAILS:**

SL. NO	EDUCATIONAL INSTITUTION / COMPANY WORKED	POST HELD	FROM	TO	YEARS OF EXPERIENCE
1.	P.T.Lee Chengalvaraya Naicker College of Engineering and Technology, Kanchipuram.	PRINCIPAL/ PROFESSOR/CSE	18.06.2014	5.9.2019	5 Years & 2 Months
2.	Pallavan College of Engineering, Kanchipuram.	PRINCIPAL/ PROFESSOR/CSE	01.12.2013	17.06.2014	6 Months
3.	Pallavan College of Engineering, Kanchipuram.	PROFESSOR/CSE	04.10.2012	30.11.2013	1 year & 2 Months
4.	Pallavan College of Engineering, Kanchipuram.	ASSOCIATE PROFESSOR/CSE	01.11.2010	03.10.2012	1 Year & 11 Months
5.	Pallavan College of Engineering, Kanchipuram.	ASSITANT PROFESSOR/CSE	1.06.2005	31.10.2010	5 Years & 5 Months
6.	Pallavan College of Engineering, Kanchipuram.	LECTURER/CSE	02.06.2000	31.5.2005	5 Years

SL. NO	QUALIFICATION	UNIVERSITY / INSTITUTE / SCHOOL	MAJOR SUBJECT	YEAR OF PASSED	% OF MARKS / CLASS	MEDIUM OF INSTRUCTION
1.	Ph.D.,	Vinayaka Missions University, Salem.	Computer Science & Engg.	Oct 2012	-	ENGLISH
2.	M.E.,	Sathyabama University, Chennai.	Computer Science & Engg.	April 2005	72 % First Class	ENGLISH
3.	M.B.A.,	Madras University	Marketing	May 2001	62% First Class	ENGLISH
4.	B.E.,	Annamalai University, Chidambaram	Computer Science & Engg.	May 1993	67% First Class	ENGLISH
5.	Diploma in Electronics & Commn Engg.	Bhakthavatchalam Polytechnic, Kanchipuram.	Electronics & Commn Engg.	April 1989	74 % First Class	ENGLISH
6.	S.S.L.C.,	Anderson Hr Sec. School, Kanchipuram	All Subjects	March 1986	84% First Class	ENGLISH

**SUBJECTS HANDLED**

- Computer networks
- High speed networks
- Embedded systems
- Computer Architecture and Organization
- Digital principles and system design
- Microprocessor and microcontroller.
- Advanced microprocessor
- High performance computer network
- Signals and systems
- Software Engineering

#### **PROFESSIONAL PROFILE :**

- Possess 20 years of Professional Teaching Experience in Computer Science, Electronics and communication Engineering as Instructor / Lecturer / Asst. Professor / Professor.
- For more than 20 years, I have been guiding PG,UG , Diploma students Final year Projects on topics of wide coverage in the field of Computer Science & Engineering.
- In-depth knowledge of latest CSE / ECE technologies.
- Having excellent Teaching and Monitoring skills.
- Ability to complete assigned jobs within limited time period.
- Familiar with the Policies and Guidelines of the University.
- Ability to explain technical concepts and ideas in a clear and precise manner.
- Provided necessary education counseling as the Education Adviser to the students.
- Consistent Excellent Result Producing Academic Records with zeal to learn new concepts quickly and apply innovative ideas for achieving the best results.
- Motivated, self starter with a passion to succeed and desire to excel in the areas of Teaching and Research.
- Good Analytical and Inter-personal skills to perform as a Team Leader, Player.
- Creativity in Design and Development
- I have evinced keen interest in the personality development of Students especially in their Final year.
- I have liaised between the Engineering Colleges and Industries thereby conducting Campus Interviews since 2004.

- I have successfully organized and arranged Industrial Visits and tours as part of the Curriculum.
- I have acted as Chief Superintendent for Anna University, AUTC theory.
- I have acted as Vice Chairman for Anna University Central valuation

#### **Ph.D THESIS**

<b>Thesis Title</b>	<b>FACIAL TRACKING IN VIDEO USING ARTIFICIAL NEURAL NETWORK</b>
<b>Environment</b>	<b>Image Processing, Neural Networks</b>
<b>Technology</b>	<b>MatLab</b>
<b>Description</b>	<b>Automatic facial Tracking in video has been used in various real life applications such as security systems, interactive computer simulations/designs, computer graphics, psychology and computer vision. In this Thesis, the aim is to implement to detect the Face from video and expression recognition using Artificial neural network.</b>

#### **CONFERENCE DETAILS:**

- International Conference on “Emerging Scenarios in Space Technology and Applications (ESSTA-2008)” at Sathyabama University.
- National Conference on “Emerging Trends in Soft Computing” at Adhi Parasakthi College of Engineering, Kalavai, Tamil Nadu.
- International Conference on “Optoelectronics, Information and Communication Technologies (ICOICT-2009)” at Sree Chitra Thirunal College of Engineering, Trivandrum.
- International Conference on “Computer and Network Technology (ICCNT-2009)”.
- National Conference on “Emerging Trends in Communication Engineering (NCETCE-2009)” at Trichy Engineering College.
- National Conference on “VLSI Design and Communication (NCVDAC-2011)” at Kuppam Engineering College.
- International Conference on “Electronics and Communication Engineering (ICECE-2012)” at Sri Lakshmiammal Engineering College.

- **International Conference on “Futuristic Trends in computer Science Engineering & Information Technology – ICCT 2012” at Thiruvalluvar College of Engineering and Technology, Vandavasi.**
- **International Conference on Signal Processing ,Computing and Power Electronics(ICSCP-2013)**
- **International Conference on “Futuristic Trends in computer Science & Engineering – ICCT 2013” at Thiruvalluvar College of Engineering and Technology, Vandavasi.**
- Dr. E Mohan and Aswin Kumer S V, **“An implementation of image enhancement in satellite images using weighted average analysis”**, IEEE International Conference on Power, Control, Signals and Engineering (ICPCSE) 2017, Vol.1, Issue – V, ISBN: CFP17M84-PRT 978-1-5386-0813-5, pp.397 –401.
- Participated & Presented the Paper titled **“Lung Pattern Classification for interstitial Lung disease using a ANN-Back Propagation Network”** in National Conference on **“Emerging Trends in VLSI, Embedded and Nano Technologies (NCEVENT2K17)”** held on 19<sup>th</sup> and 20<sup>th</sup> April 2017 at Sathyabhama University, Chennai.
- Participated & Presented the Paper titled **“Classification of malignant melanoma and Benign Skin Lesion by using BPN and ABCD rule”** in IEEE sponsored International Conference on **“Electrical Instrumentation and communication Engineering (ICEICE-2017)”** held on 27<sup>th</sup> and 28<sup>th</sup> April 2017 at M.Kumarasamy college of Engineering, Karur.
- Dr. E Mohan, **“Analysis of key point Description Applied in the Pedestrian Path Detection in Low Resolution Images”**, IEEE International Conference on Energy, Communication, Data analytics and Soft Computing (ICECDS) 2017, held on 1<sup>st</sup> and 2<sup>nd</sup> August 2017 at SKR Engineering college, Chennai.
- Participated & Presented the Paper titled **“Leaf Shape Analysis and Simulation Model for Edge Detection on FPGA”** in National Conference on **“Recent Developments In Electronics World (RDEW-17)”** held on 15<sup>th</sup> July 2017 at Annamalai University, Chidambaram.

#### **TRAINING PROGRAMMES ATTENDED:**

- \* Underwent Short Term Training Programme on Microprocessor Based System Design at Arasan Ganesan Polytechnic College, Sivakasi.**
- \* Participated in “AICTE-ISTE short time training programme “at Arulmigu Meenakshi Amman College of Engineering, Kanchipuram from 14-03-1999 to 27-03-1999.**
- \* Participated in “2-day trainers training programme” sponsored by AICTE at PSG Polytechnic, Coimbatore from 09-02-2002 to 10-02-2002.**
- \* Participated in two-day Workshop on “practical aspects & implementation of networking protocols “at Velammal Engineering College, Chennai from 7-9-2006 to 8-9-2006**
- \* Underwent Faculty Development Programme on “Grid Computing” at Arunai Engineering College, Thiruvannamalai from 11-12-2009 to 18-12-2009.**
- \* Participated in One-day Workshop on “Web Services “at Thirumalai Engineering College, Kanchipuram on 17-3-2012**
- \* Participated in One-day Faculty Development Workshop on “Embedded Systems, PLC and Mobile Computing “at Thirumalai Engineering College, Kanchipuram on 22-3-2012**
- \* Participated in One-day Workshop on “PHP/MY SQL “at Pallavan Engineering College, Kanchipuram on 15.09.2012**
- \* Participated in One-day international Workshop on “Future of Nanoelectronics “at Dhanalakshmi Srinivasan College of Engineering and technology, Chennai on 28-12-2012**
- \* Participated in two-day Workshop on “Advanced system design using FPGA “at Vels University, Chennai from 4-1-2013 to 5-1-2013**
- \* Participated in two-day FDP on “Free open source software “at Karpaga vinayaga college of Engineering and Technology, Chennai from 27-2-2013 to 28-2-2013**
- \* Participated in one-day Seminar on “Recent trends in Electronics Engineering “ at Sri Lakshmi Ammal Engineering College, Chennai on 29-2-2013**
- \* Participated in two-day National Seminar on “Current Scenario : Open Source Technologies “Manakula Vinayagar Institute Of Technology, Puducherry on 17-04-2013 and 18-04-2013**

- ★ Participated in FDP on “Recent Advances in Artificial Neural Networks“ at Manakula Vinayagar Institute Of Technology, Puducherry from 22-04-2013 to 03-05-2013
  - ★ Participated in two-day Workshop on “Retinal Image Processing “ sponsored by CSIR at Shri Andal Alagar College Of Engineering , Mamandur from 22-8-2013 to 23-8-2013
  - ★ Participated in two-day National Seminar on “Impact of Biometric Security using Image Processing “at Manakula Vinayagar Institute Of Technology, Puducherry on 12-11-2013 and 13-11-2013.
- Participated in one-day National workshop on “Embedded systems” at Pallavan College of Engineering, Kanchipuram on 25-07-2015.
- ★ Participated in one-day National workshop on “Effective way of writing papers for journals,conferences and submission of proposals” at Pallavan College of Engineering, Kanchipuram on 21-01-2017.

#### **CO-CURRICULAR ACTIVITIES :**

- ★ Coordinator of Technical Symposiums Conducted at Pallavan College of Engineering.
- ★ Coordinator of National conference and international conference Conducted at Pallavan College of Engineering.
- ★ Member, Staff selection committee at Sathagiri college of Engineering,Ocheri.
- ★ Member, Staff selection committee at Pallavan college of Engineering and Kanchi Pallavan Engineering College,Kanchipuram.
- ★ Active Advisor of Placement Training Cell and various other Admin. Activity Cells.
- ★ Acted as advisor for international conference on science and innovative engineering ( ICSIE) 2012 organized by Lord Venkateswara engineering college,chennai.
- ★ Acted as Co-chairperson at Bhakthavatchalam Polytechnic College,Kanchipuram Electronics Department State wide Symposium during September 2010.
- ★ Acted as Jury at Jeimathajee College of Engineering for the state level technical exhibition conducted during March 2013.

- ★ Acted as Co-chairperson at Adhi College of Engineering and Technology,Sankarapuram, Computer Science Department State wide Symposium during April 2013.

Acted as Chairperson at P.T.LEE.CNCET, Ooverly, National conference on recent trends in Engineering and Technology, during March 2014.

- ★ Acted as Chairperson at Saraswathi velu College of Engineering,Sholingur,national conference on current trends in manufacturing,electrical,electronics and computing,NCMEEC'2014,during February 2014.

Delivered a lecture on DSP at Jeppiar Mamallan institute of technology ,FDP program on 25-11-2016 sponsered by Anna University.

Life member of IAENG

- ★ Editorial member of RI Publications,NewDelhi
- ★ Editorial member of international journal of emerging science and engineering.
- ★ Editorial member of international journal of innovative technology and exploring engineering
- ★ Life Member of the ISTE.
- ★ Active Blood Donor (O<sub>+ve</sub>)

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|--------------------------------------|-----------------|
| ★ Empathetical Nature                | ★ Meditation    |
| ★ Optimist                           | ★ Numerology    |
| ★ Readiness to take responsibilities | ★ Verse Writing |
| ★ Perseverance                       |                 |
| ★ Hard worker with Self Confidence   |                 |
| ★ Perfection                         |                 |



**PHD GUIDESHIP :**

-Presently guiding 1 candidate and successfully completed three candidates at JJT University, Jaipur, Rajasthan in the department of computer science and engg. (Ref. No.:JJT/2K9/SC/1074)

**RESEARCH PUBLICATIONS :**

<b>Journal</b>	<b>:</b>	<b>47</b>
<b>Conferences</b>	<b>:</b>	<b>17</b>
<b>Workshop/FDP</b>	<b>:</b>	<b>18</b>
<b>Books</b>	<b>:</b>	<b>2</b>
<b>Patent</b>	<b>:</b>	<b>6</b>

#### PAPERS PUBLISHED :

1. Dr.C.Puttamadappa, **E.Mohan**, et.al “Finger Print Authentication Using Back-propagation Algorithm”, **International Journal of Soft Computing** 3(4):282-287, 2008.
2. Dr.C.Puttamadappa, **E.Mohan**, et.al “Data Mining and Intrusion Detection Using Back-propagation Algorithm for Intrusion Detection”, **International Journal of Soft Computing** 3(4):264-270, 2008.
3. **E.Mohan**, Dr.C.Puttamadappa et.al “Facial Tracking in Video Using Artificial Neural Networks”, **International Journal of Soft Computing** 3(4):271-276, 2008.
4. **E.Mohan**, Dr.C.Puttamadappa, et.al “Performance Evaluation of Various Multipliers in Minimization of Registers” *Advances in Computational sciences and Technology*, Vol 1 Issue 2, 2008.
5. Dr.C.Puttamadappa, **E.Mohan**, et.al “Finger Print Authentication Using Back-propagation Algorithm”, *International Journal of Engg. Research & Industrial Applications IJERIA* Vol: 2 No.3, pp 329-340, 2008.
6. **E.Mohan**, Dr.C.Puttamadappa, “VLSI Implementation of TCP/IP Stack “**European Journal of Scientific Research** Vol: 22 No.2, pp 296-303, 2008.
7. **E.Mohan**, Dr.C.Puttamadappa et.al “Delay Analysis of Two Way Reservation Schemes in Optical Burst Switching Network” **International Journal of Applied Engineering Research**, Vol 4 Page 635-644, 2009.
8. **E.Mohan**, Dr.C.Puttamadappa, et.al “Securing Relational Databases Using High level Water marking Techniques”, *International Journal of Mathematical Science & Engg. Applications, IJMSEA* Vol. 3, No 2, pp157-172, 2009.
9. **E.Mohan**, Dr.C.Puttamadappa, et.al “Building E-Shop Using Incremental Association Rule Mining and Transaction Clustering” *International Journal of Computational Intelligence Research*, Vol 5, Page 11-23, 2009.
10. **E.Mohan**, Dr.C.Puttamadappa, et.al “A New Method of Design Based Detection of Multiple Motion Objects”, *International Journal of Engg. Research & Industrial Applications IJERIA* Vol: 2 No.4, pp 269-279, 2009.

11. **E.Mohan**, Dr.C.Puttamadappa, et.al “GSM Based Real Time Energy Management System”, International Journal of Engg. Research & Industrial Applications IJERIA Vol: 2 No.2, pp 293-308, 2009.
12. **E.Mohan**, Dr.C.Puttamadappa, et.al “Video Transmission Using Artificial Neural Networks” Indian Research Review ,– Volume 1, issue 1, 60-73, 2010, (ISSN: 0975-07430).
13. **E.Mohan**, Dr.C.Puttamadappa “Artificial Neural Network Based Human face Tracking Using Motion,Skin color Segmentation And Ellipse Fitting” Indian Research Review ,– Volume 2, issue 1, 60-73, 2011, (ISSN: 0975-07430).
14. **Dr.E.Mohan**, Dr.K.B.Jayarraman,“Novel Approach for Satellite Image Resolution Enhancement” International Journal of Engineering and Technology(IJEAT)Vol: 2 No.4, April,2013.
15. **Dr.E.Mohan**, R.Kangeyan, et.al “Evolution of open spectrum sharing technology-A survey”, International Journal of Engineering and Technology (IJEAT), Vol: 2 No.4, April,2013.
16. **Dr.E.Mohan**, U.Maheswaran, M.S.Thanen Malar, “Image Resolution Enhancement by Using Different Wavelet Image Decompositions International Journal of Scientific and Engineering Research (IJSER)Vol: 4, No.6, June 2013.
17. **Dr.E.Mohan**, S.Uvaraj, S.Suresh, ,“Flexible Bloom for Searching Textual Content Based Retrieval System in an Unstructured P2POverlay Networks”, International Journal of Computer Science and Mobile Computing,(IJCSMC) , Vol: 2,No. 5, May 2013.
18. S.Uvaraj, S.Suresh, **Dr.E.Mohan**, “Node selection in Peer-to-Peer content sharing service in mobile cellular networks with Reduction Bandwidth” American Journal of Networks and communications Vol-1, No-2, June 2013pp.40-46.
19. S.Uvaraj, **Dr.E.Mohan**, “Two aspect authentication system using secure mobile devices”, International Journal of computer science and management research Vol-2, No-6, June 2013,pp 2757-2764, (ISSN: 2278-733X)
20. **Dr.E.Mohan**, S. Uvaraj, et.al “Textual based retrieval system with bloom in unstructured Peer-to-Peer networks”, American Journal of Networks and communicationsVol-2, No-3, June 2013, pp.62-66.
21. A.Rajesh, **Dr.E.Mohan**, “Classification of microcalcification based on wave atom transform”, **Journal of computer science**, 10 (9), 1543-1547, 2014.

22. Dr.S.Saravanan, **Dr.E.Mohan** and A.Karthikayen “High Performance and Low Power DSP Based Simulation for ESP Controller”,**Information-An interdisciplinary journal**,Japan,17 (2), 1543-1547,2014.
23. R.Sugumar , **Dr.E.Mohan**. “Magnetic Resonance Imaging Segmentation for Brain Tumor Detection Using New Robust Global Kernel Fuzzy C-Means Clustering Algorithm (NRGKFCM-F),” **International Journal of Applied Engineering Research** – Volume 9 ,issue 21, 10889-10908, 2014, (ISSN: 0973-4562).
24. **Dr.E.Mohan**, R.Sugumar and K.Venkatachalam “Automatic Brain and Tumor Segmentation in MRI Using Fuzzy Classification with Integrated Bayesian,” **International Journal of Applied Engineering Research** – Volume 9 ,issue 24, 25859-25870, 2014, (ISSN: 25859-25870).
25. Thambu Gladstan , **Dr.E.Mohan**. “Object Recognition Based on Wave Atom Transform,” **Research Journal of Applied Sciences, Engineering and Technology** – Volume 8 ,issue 13, 1613-1617, 2014, ISSN: 2040-7459; e-ISSN: 2040-7467
26. S.Uvaraj, **Dr.E.Mohan**, “Two aspect authentication system using secure mobile devices”, **International Journal of Soft computing** Volume-9, No-1, 2014,pp 1-9, (ISSN:1816-9503)
27. K.Venkatachalam , **Dr.E.Mohan**. “A Novel Algorithm for Image Denoising using Modified Adaptive Median Filter,” **Research Journal of Applied Sciences, Engineering and Technology** – Volume 10 ,issue 4, 373-375, 2015
28. M.Lakshmana Rao Padala, **Dr.E.Mohan** “Fuzzy Classical Analysis for the Cost Effective Software Evolution Effort Appreciation” **International Journal of Computer Trends and Technology (IJCTT)** – Volume 37 ,Number 3 - July 2016 , (ISSN: 2231-2803)
29. M.Lakshmana Rao Padala, **Dr.E.Mohan** “Reliability assessment by using neural network Fuzzy Analysis for the software Cost Effective Evolution exertion” **International Journal of Latest Trends in Engineering and Technology** – Volume 7 ,issue 2,388-393, July 2016 , (ISSN: 2278-621X).
30. M.Lakshmana Rao Padala, **Dr.E.Mohan** “Fuzzy Analysis for the Cost Effective software Evolution exertion Appreciation,” **International Journal and**

31. A.Rajesh, **Dr.E.Mohan** “Classification of Mammogram Using Wave Atom Transform and Support Vector Machine Classifier,” International Journal of Computer Science and; Information Technologies– Volume 7 ,issue 2, 467-470, Feb 2016 , (ISSN: 0975-9646).
32. Dr.A.Rajesh, **Dr.E.Mohan** and R.Sivakumar “Classification of malignant melanoma and Benign Skin Lesion by Using Back Propagation Neural Network and ABCD Rule,,” International Journal of Advanced Research in Electronics and Communication Engineering – Volume 6 ,issue 6, 462-466, July 2017 , (ISSN: 2278-909X).
33. K.Venkatachalam , **Dr.E.Mohan**. “A New and Efficient Modified Adaptive Median Filter Based Image Denoising,” **International Journal of Control Theory and Applications** – Volume 10, issue 39, 487-491, 2017, (ISSN: 0974-5572).
34. Thambu Gladstan , **Dr.E.Mohan**. “A Novel Approach Object Recognition Using Efficient Support Vector Machine Classifier,” International Journal of Electronics and Communication Engineering and Technology (IJECET) – Volume 8 ,issue 2, 81-90, 2017, (ISSN: 0976-6472).
35. C.Dharanendiran, **Dr.E.Mohan**, et.al “Security System With Three way Authentication”, Advances in Robotics and Automation- Volume-6, No-3, 2017,pp 1-6, (ISSN:2168-9695)
36. Dr.A.Rajesh, **Dr.E.Mohan** “Lung Pattern Classification for Interstitial Lung Diseases Using a ANN-Back Propagation Network”, **International Journal of Pure and Applied Mathematics** – Volume 117 ,issue 21, 57-67, 2017 , (ISSN: 1311-8080).
37. R.Sivakumar, **Dr.E.Mohan**. “Stationary and Discrete Wavelet Transform Based Satellite Image Resolution Enhancement Technique,” **Taga Journal of Graphic Technology**– Volume 14, 92-101, 2017, (ISSN: 1748-0345).
38. R.Sivakumar, **Dr.E.Mohan**. “A Survey on Various Enhancement Techniques for Satellite Image,” International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) – Volume 5,issue 4 , 208-213, 2018, (ISSN: 2394-3785).

39. **Dr.E.Mohan**, Dr.A.Annamalai Giri,S.V.AswinKumer “A Novel Image Segmentation Approach for Brain Tumor Detection Using Dual Clustering Approach” **International Journal of Applied Engineering Research**, Volume 13 ,issue 11, 9807-9810, 2018, (ISSN: 0973-4562).
40. **Dr.E.Mohan**, R.Sivakumar “High resolution satellite image enhancement using discrete wavelet transform” **International Journal of Applied Engineering Research**, Volume 13 ,issue 11, 9811-9815, 2018, (ISSN: 0973-4562).
41. **Dr.E.Mohan**, R.Sivakumar “Denoising of Satellite Images Using Hybrid Filtering and Convolutional Neural Network” **International Journal of Engineering & Technology**, Volume 7 ,issue 6, 462-464 , 2018, (ISSN: 2227-524X).
42. **Dr.E.Mohan**, Dr.A.Annamalai “Distributed Attack Detection For Wireless Sensor Networks ” **International Journal of Engineering & Technology**, Volume 7 ,issue 6, 465-468 , 2018, (ISSN: 2227-524X).
43. L.Ganesh Babu,**Dr.E.Mohan**, R.Sivakumar “IOT Based Water and Soil Quality Monitoring System ” **International Journal of Mechanical Engineering & Technology**, Volume 10 ,issue 2, 537-541 , 2019, (ISSN: 0976-6340).
44. L.Ganesh Babu,**Dr.E.Mohan**“High Quality Intelligent Database Driven Microcontroller Based Heartbeat Monitoring System ” **International Journal of Engineering & Technology**, Volume 7 ,issue 6, 472-476 , 2018, (ISSN: 2227-524X).
45. Gaurav Sharma, A.rajesh, L.Ganeshbabu **and E.Mohan** “Three-Dimensional Localization in Anisotropic Wireless Sensor Networks using Fuzzy Logic System” **Ad Hoc & Sensor Wireless Networks**, Volume45 , 29-57 , 2019
46. **Dr.E.Mohan**, Dr.A.Annamalai et.al “ Biometric Validation using Back-Propagation Neural Network ” **International Journal of Recent Technology & Engineering**, Volume 9 ,issue 1, 1865-1868 , 2020, (ISSN: 2277-3878).
47. Rajendran Mani,Sasikala Jayaraman and **Dr.E.Mohan** “ Hybrid seagull and thermal exchange optimization algorithm-based NLOS nodes detection technique for enhancing reliability under data dissemination in VANETs ” **International Journal of communication systems**, Volume 33 ,issue 14, 2020, (ISSN: 1099-1131)
48. E. Mohan, R. Sivakumar and S. V. Aswin Kumer, "An implementation of image enhancement in satellite images using weighted average analysis," 2017 IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI), Chennai, 2017, pp. 2947-2951, doi: 10.1109/ICPCSI.2017.8392265

#### **BOOKS PUBLISHED :**

1. **Embedded Systems**,Dr.E.Mohan,S.V.AswinKumer, and Dr.A.Rajesh

**(ISBN 9352819294)**

- 2. An Introduction to Microprocessors, Dr.E.Mohan,Dr.A.Annamalai Giri and S.V.AswinKumer.(ISBN 9352819294)**

**PATENTS PUBLISHED :**

- 1. GSM BASED REAL TIME ENERGY MANAGEMENT SYSTEM  
[18-OCT-2019-96261/ 201941039270]**
- 2. QUADRATURE PHASE SHIFT KEYING  
[15-NOV-2019-96261/ 201941046516]**
- 3. IOT BASED FOREST FIRE DETECTION AND PREDICTION USING  
NODEMCU [26-NOV-2019-99821/201941044536]**
- 4. AN IMPLEMENTATION OF FUTURISTIC DEEP LEARNING  
NEURAL NETWORK FOR NEURONS RECOGNITION IN  
PROTEOMIC AND GENOMIC PAYLOAD IMAGES  
[13-NOV-2020/202041049650]**
- 5. AN IOT BASED POLLUTION CONTROL AND SAFETY FOR  
COMPRESSED NATURAL GAS FUEL BASED VEHICLES [30-OCT-  
2020/202041044694]**
- 6. IOT BASED SMART OVER VOLTAGE PROTECTION FOR AC  
LOADS USING NODE MCU [4-JAN-2021/ 202141000181]**

**PERSONAL DETAILS:**

<b>Father</b>	<b>:</b>	<b>Mr. K.ELLAPPAN</b>
<b>Mother</b>	<b>:</b>	<b>Srimathi. E.DHATCHAYANI (Late)</b>
<b>Date of Birth &amp; Age</b>	<b>:</b>	<b>30-11-1971                      47 Years</b>
<b>Gender</b>	<b>:</b>	<b>Male</b>
<b>Marital Status</b>	<b>:</b>	<b>Married</b>

**Wife** : **Dr.M.UMADEVI M.Sc., M.Phil., Ph.D.,**

**Mother tongue** : **Tamil**

**Languages known** : **English, Tamil.**

**Nationality** : **Indian**

**Positives** : **Self-belief, never-die-attitude, motivating others  
and Being a Team Leader**

**Hobbies** : **Playing**

**Shuttle,Chess,Badminton,Cricket,  
ening** **Carom,Gard**

#### **DECLARATION:**

**I implore that my application may be considered judiciously and I may be given a chance to serve under your guidance, in which case, I assure that I shall discharge my duties to the satisfaction of one and all.**

**Place: Kanchipuram**

**Yours Sincerely,**

**Date:**

**Dr.E.Mohan**