

CURRICULUM VITAE

Dr.S.CHITRA M.E., Ph.D., FIE.,
MISTE, Professor
Er.Perumal Manimekalai college of
Engineering Koneripalli, Hosur-635 117
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OBJECTIVE

Seeking a challenging career in the field of Engineering & Management that utilizes by maximum potential to gain knowledge of the latest development and utilizing them to develop the institution and myself.

EXPERIENCE

TEACHING EXPERIENCE: Total Years of Experience: 24 Years.

- 2011 to till date – Principal, Er.Perumal Manimekalai college of Engineering, Hosur.
- 2009 to 2011 – Vice Principal/Head/Professor/ of Computer science and Engineering, M.Kumarasamy college of Engineering, Karur.
- 2005-2009 Professor & Head in Computer science and Engineering, M.Kumarasamy college of Engineering, Karur.
- 2002-2005 – Asst.Professor in Computer science and Engineering, M.Kumarasamy college of Engineering, Karur.
- 2000-2002 – Senior Lecturer in Computer science and Engineering , M.Kumarasamy college of Engineering, Karur
- 1994-2000- Lecturer Kongu Engineering College , Erode
- 1992-1994 –Lecturer , Saradha Nikethan college, Karur

EDUCATIONAL PROFILE

- Ph.D. (Information & Communication) Anna University, 2009
- M.E (Computer Science & Engg) Bharathiar University, 2002
- B.E. (Computer Science & Engg.) Annamalai University, 1992

SUPERVISING Ph.D

1. Supervising 13 scholars under Anna University, Chennai.

PROJECT GUIDED

1. Ph.D : 9 Scholars Completed
2. Ph.D : 13 Scholars
3. M.E., B.E., Students more than 100

SUBJECT HANDLED

1. Software Engineering.
2. Object Oriented System Design.
3. Software Quality Assurance.
4. Software project Management.
5. Web Technology.

RESEARCH SPECIALTIES

- Software Engineering.
- Software Quality.
- Software Reliability.
- Data Mining.
- Computer Networks.

PUBLICATIONS

• INTERNATIONAL JOURNALS

1. **Chitra.S** and Karthik.K' A Novel Method for energy consumption billing using labeling method based OCR' in International journal of printing, packaging & Allied Sciences, Vol.4,2016,ISSN:2320-4387.
2. **Chitra.S** and Karthik.K' "Novel Method for Energy Consumption Billing Using Optical Character Recognition", Energy Engineering: Journal of Association of Energy Engineers, Vol. 114, No. 3, pp. 64-76, March 2017, ISSN:1998595.
3. **Chitra.S** and Ravi A.T 'Privacy Preserving Data Mining ' in Research Journal of Applied Sciences, Engineering and Technology 9(8): 616-621, 2015 ISSN: 2040-7459; e-ISSN: 2040-7467.
4. **Chitra.S** and Ravi A.T 'Privacy Preserving Data Mining Using Differential Evolution – Artificial Bee Colony Algorithm ' in International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 23 (2014) pp. 21575-21584.
5. **Chitra S** & Madhusudhanan B &, 'Synchronous Fire Fly Algorithm for Cluster Head Selection in WSN',The Scientific World Journal, Article ID 780879, doi:10.1155/2015/780879, Impact factor :1.524
6. **Chitra.S** ,Sivakumar.M, & Madhusudhanan.B, Wireless Sensor Network to Cyber Physical Systems: Addressing Mobility Challenges for Energy Efficient Data Aggregation Using Dynamic Nodes, 2015, Article in Press, Sensor letters Annexure-I 7658
7. **Chitra S**, Madhusudhan.B ,P.Saravanan and Sakthidharan G R, "Local Minima Jump PSO for Workflow Scheduling in Cloud Computing Environments" published in Advanced in Computer Science and its Applications ,Springer Berlin Heidelberg, Vol 279,CSA 2013, pp 1225-1234,2014
8. **Chitra S**, Senathipathi.K and J.Angeline Rubella, "A cross border access to data stored in the cloud " published in International journal of Advanced Research in Computer Engineering and Technology(IJARCET) Vol 2 ,Issue 10, Oct 2013; ISSN: 2278-1323).
9. **Chitra S**, Sathish kumar.N, " A Novel Routing framework for supporting Distributed services in LTE systems" published in International journal of Engineering and Technology(IJET) Vol 5 No 5 Oct-Nov 2013; ISSN: 0975-4024).
10. **Chitra S**, Saravanan P, "Novel Security Mechanism to Improve QOS in MANET" published in Life Science Journal 2013"; ISSN: 1097-8135).
11. **Chitra S**, Sakthidharan G R, " A Fuzzy Energy Management Approach for multimedia traffic in WSN" published in Life Science Journal 2013" life science Journal 2013;10(4s):505-510](ISSN: 1097-8135).
12. **Chitra S**, Shunmugakarpagam.N ,Venkataramanan.K, "Unstructured Data into Intelligent Information Analysis and Evaluation" is Published in International Journal of Innovative Research in Computer and Communication Engineering in Vol.2, Special Issue 1, March 2014; ISSN(Online): 2320-9801 ISSN (Print): 2320-9798.
13. **Chitra S**, Sakthidharan G R, "Multimedia Transmission in Multi Hop Wireless Sensor Network", is published in International Journal of Computer Applications (ICJA) in August 2012 edition, ISBN: 973-93-80870-16-4.
14. **Chitra S.**, BabyDeepa V and Thangaraj P (2011) 'Classifying Single Trail Electroencephalogram Using Gaussian Smoothed Fast Hartley Transform for Brain Computer Interface during Motor Y Image' (JCS) Journal of computer science.
15. **Chitra S.**, BabyDeepa V and Thangaraj P (2010) 'Investigating the performance improvement by sampling techniques in EEG data" International Journal on Computer

Science and Engineering (ISSN 0975-3397), Vol 2, ISSUE No.06,2010, pp-2025-2028.

16. **Chitra S.**, Madhusudhanan.B, Rajaram M, and Sivanandham.S.N (2010) 'Investigation of data clustering preprocessing algorithm on independent attributes to improve the performance of CLONALG', International Journal on Computer Science and Engineering (ISSN 0975-3397), Vol 2, Issue 1, pp-8-11.
17. **Chitra S.**, Madhusudhanan.B, and Rajaram M(2009) 'Exploration for Software Reliability using Neural Network-Based Classification method', International Journal of Machine Intelligence(ISSN 0975-2927), Vol 1, Issue 2, 2009, pp-10-13.
18. **Chitra S.**, Thiagarajan K. and Rajaram M. (2008), 'Bugging and Debugging of Software for an Artificial Immune Recognition System', International Journal of Ultra Scientists of Physical sciences (ISSN 0970-9150), Vol. 20, No. 3, pp. 741-748.
19. **Chitra S.** and Rajaram M. (2008), 'Software Reliability Modeling Using Aircs' (ISSN 0973-7650), International Journal of Image Processing and Networking, Vol. 2, No. 1, pp. 9-16.
20. **Chitra S.** and Rajaram M. (2007), 'Software Process Improvement Through Secured Development Lifecycle', Asian Journal of Information Technology (ISSN 1682-3915), Vol. 6, No.3, pp. 902-906.

• NATIONAL JOURNALS

1. **Chitra S.**, Thiagarajan K. and Rajaram M. (2009), 'Unilateral Graphical Approach for Data Flow Analysis in Programming Structure for Software Reliability', Karpagam Journal of Computer Science (ISSN 0973-2926), Vol. 3, No. 3, pp. 1053-1056.
2. **Chitra S.**, Thiagarajan K. and Rajaram M. (2008), 'Finding Faults of software Metrics for an Artificial Immune Recognition System', Journal of Computer Application (ISSN 0974-1925), Vol. 1, No.2, pp. 1-5.
3. **Chitra.S .**, Anand Viswanathan, 'Optimized Radial Basis Function Classifier with Hybrid BAT algorithm for multimodal Biometrics', Journal of theoretical and applied information Technology, ISSN-1992-8265, vol -67, No-2.
4. Chitra.S and Karthik.K, 'A bilingual numeral OCR system for creating unilingual Digitized numeral document' in Modern Applied science Journal, Vol.9, No.13, pp.148-153, 2015 ISSN 1913-1844, E-ISSN 1913-1852.
5. Chitra.S and Karthik.K, ' Review of optical character Recognition and its applications' in ARPN Journal of Engineering and Applied Sciences, Vol.11, No.5, pp.3441-3444, March 2016 ISSN 1819-6608.
6. Chitra.S and Karthik.K, ' Performance prediction of DC Constant Flux Machine Using Optical Character Recognition' in Asian Journal of Research in social sciences and Humanities Vol.6, No.6, June 2016, pp.78-90. ISSN 2249-7315.

• INTERNATIONAL CONFERENCES

1. **Chitra.S** , K.Hema Chandra reddy presented "Studies on development of an integrated approach for modeling the annular combustors of aero turbines" in NAFEMS world congress 2015 at SAN Diego, USA during 21.06.15 to 24.06.15.
2. **Chitra S.**, Madhusudhanan.B, presented "A Biological Immune System Inspired Opinion Mining" at ICICI 2013 at Sasurie College of Engineering, Vijayamangalam, Tirupur during 11th January 2013.
3. **Chitra S**, Sakthidharan G R "A Survey on Wireless Sensor Network: An Application perspective", is presented in Second International conference in computer communication and informatics, and is indexed in IEEE explore. Print ISBN: 978-1-4577-1580-8, Digital Object Identifier : 10.1109/ICCCI.2012.6158870
4. **Chitra S.** and Kavitha.J (2013) "Entity Extraction Using Signature-Based Inverted Lists, Proceedings of the International Conference on Innovative Trends in Computing & Technology at a conference at Vadakkangulam on 7th & 8th March 2014.

5. **S.Chitra**, S.Saravanan (2010), 'Experimental Investigation On Privileged Image Segmentation Using Curve Evolution Methods', Proceedings of the ICICT2010 conference at Karur on Feb12-13.
6. **S.Chitra**, V.Baby Deepa and P.Thangaraj (2010), 'Mining Rare Event Classes In Noisy EEG by Over Sampling Techniques', Proceedings of the ICICT2010 conference at Karur on Feb12-13.
7. **S.Chitra**, B.Padminidevi (2010), 'A Novel Approach for Dynamic Transmission Power Management in Wireless LAN ', Proceedings of the MKCE-ICICT'10 at Karur on Feb 12 - 13.
8. **S.Chitra**, A.Shanmuga Velayutham (2010), 'Distributed Heuristic Algorithm To Optimize The Throughput Of Data Driven Streaming In Peer To Peer Networks', Proceedings of the ICICT2010 conference at Karur on Feb12-13.
9. **S.Chitra**, C.Satheesh Pandian (2010), 'An Experimental Stateless Queuing Discipline For Protecting TCP Flows', Proceedings of the ICICT2010 conference at Karur on Feb12-13.
10. **S.Chitra**, R.Kalaifarasi (2010), 'Computing The Probability Of Link Availability And Path Duration In MANETS Mobility Model To Select A Stable Path', Proceedings of the ICICT2010 conference at Karur on Feb12-13.
11. **S.Chitra**, K.Deepa (2010), 'Secure Platypes Framework For Strategy Complaint In Wide Area Routing', Proceedings of the ICICT2010 conference at Karur on Feb12-13.
12. **S.Chitra**, E.T.Venkatesh and P.Tangaraj (2010), 'Classification Of Cancer Gene Expressions From Micro-Array Analysis', Proceedings of the ICICT2010 conference at Karur on Feb12-13.
13. **Chitra S.**, Madhusudhanan.B, and Rajaram M. (2009), 'Experimental Investigation of Software Reliability Based on Immune Technique' Proceedings of the ICSECS09 conference at Malaysia on October 19-21.
14. **Chitra S.**, Thiagarajan K. and Rajaram M. (2009), 'Data collection and analysis for the reliability prediction and estimation of a safety critical system using AIRS', IEEE Proceedings of International Conference on Computing, Communication and Networking (ISBN 978-1-4244-3595-1).
15. **Chitra S.** and Rajaram M. (2008), 'A Software Reliability Estimation Tool Using Artificial Immune Recognition System', Proceedings of the International Multiconference of Engineers and Computer Scientists., Honk Kong, China, pp. 967-975.
16. **Chitra S.** and Rajaram M. (2008), 'Software Reliability and Security Indicator with Artificial Immune Techniques', Proceedings of the International Conference Information and Advance Computing, Chennai, India, pp. 15-20.
17. **Chitra S.** and Rajaram M. (2007), 'Defect Prevention and Defect Correction Techniques for High Quality and reduced Cycle Time', Proceedings of the International Conference on Emerging Trends in Information Science and Computer Technology, Komarapalayam, India, pp. 83-94.
18. **Chitra S.** and Rajaram M. (2007), 'The Trustworthy computing Security Development Life Cycle', Proceedings of the International Conference on Advanced Computing and communication, Madurai, India, pp. 117-119.
19. **Chitra S.** and Rajaram M. (2007) 'software reuse', Proceedings of the International Conference on Advanced Computing and communication, Madurai, India, pp. 739-742.

• NATIONAL CONFERENCES

1. **Chitra S** & Madhusudhanan, B & 2015, 'A Multihop Clustering technique using Firefly metaheuristic for Wireless Sensor Network', National conference on Computing, communication and Manufacturing, pp.8-14.
2. **Chitra S** & Madhusudhanan, B 2015, 'A Multiobjective Firefly Algorithm for Efficient Cluster Head Selection in Wireless Sensor Networks', National on Inspiring Engineering & Technology Innovations, ISTE, pp. 36-42.
3. **S.Chitra**, T.Anuprathibha (2011), 'Key Exchange for Online Agreement Signing', Proceedings of the EICA'11 at Tiruchengode on Feb 10.

4. **S.Chitra**, T.Anuprathibha (2011), 'Secure Document Signing using Partial Key Exchange', Proceedings of the NCICT'11 at Komarapalayam on Feb 04.
5. **S.Chitra**, M.Balaji (2011), 'Anomaly Detection Using Bio-Inspired Algorithm', Proceedings of the EICA'11 at Tiruchengode on Feb 10.
6. **S.Chitra**, B.Madhusudhanan (2011), 'An Multiperception Neural Network Model to Classify Software Defects' Proceedings of the NCACWT'11 at Tiruchengode on Feb 18.
7. **S.Chitra**, B.Madhusudhanan (2011), 'Artificial Immune System for Classifying Defective Module Using Software Metrics' Proceedings of the NCET '11 at Karur on Feb 11.
8. **S.Chitra**, B.Madhusudhanan (2011), 'A Medical Image Classification System Using DCT coefficient and Decision Tree Induction' Proceedings of the SPEAKZ '11 at Tiruchirapalli on Mar 11.
9. **S.Chitra**, D.Priya (2011), 'Efficient Scheduling Scheme with Deadline Management for Commercial Cloud Computing Environment' Proceedings of the NCACWT'11 at Tiruchengode on Feb 18.
10. **S.Chitra**, D.Priya (2011), 'Time Bound and Cost Control Algorithm for Commercial Environment', Proceedings of the NCICT'11 at Komarapalayam on Feb 04.
11. **S.Chitra**, R.Priyadharsini (2011), 'Enhancing Global Contribution for Resource Distribution' Proceedings of the NCACWT'11 at Tiruchengode on Feb 18.
12. **S.Chitra**, R.Priyadharsini (2011), 'Estimating Global Contribution in P2P for Resource Distribution' Proceedings of the NCICT'11 at Komarapalayam on Feb 04.
13. **S.Chitra**, M.Balaji(2010), 'Analysis of Anomaly Detection Using Bio-Inspired Algorithm' Proceedings of the National Conference on Data Mining, Spatial & Geo Spatial Database Applications at Perundurai on Dec 2 & 3.
14. **S.Chitra**, S.Mukampiha (2009), 'Securing User – Controlling Routing Infrastructures Using Fuzzy Logic', Proceedings of the CTS'09 at Namakkal on Apr 24.
15. **S.Chitra**, S.Hemalatha (2009), 'Embedding Encrypted Text Into Scrambling Images for Technography', Proceedings of the NCCI'09 at Salem on Apr 27.
16. **S.Chitra**, S.Hemalatha (2009), 'Textual Cryptography for Data Hiding with Image as Medium', Proceedings of the ECNT'09 at Sivagangai on Mar 19 - 20.
17. **S.Chitra**, G.Revathi (2009), 'De Convolution of Image and In Painting ', Proceedings of the NCCI'09 at Salem on Apr 27.
18. **S.Chitra**, G.Revathi (2009), 'A Fuzzy Logic Technique for Image De Convolution and In Painting ', Proceedings of the MKCE-CONFERENCE 09 at Karur on Mar 06.
19. **Chitra S.** and Rajaram M. (2008), 'A Software Reliability Model by Musa combined with Artificial Immune Recognition System', Proceedings of the National Conference on Business Intelligence, Chennai, India, pp. 26-27.
20. **Chitra S.** and Rajaram M. (2008), 'Software Reliability Modeling with Enhanced Bayesian Model', Proceedings of the National Conference on Web and Computer Application, Dindugul, India, pp.10-14.
21. **Chitra S.** and Rajaram M. (2008), 'A Software Reliability Estimation Model Embed with Artificial Immune Recognition System', Proceedings of the National Conference on Computing Techniques and Systems, Rasipuram, India, pp.6-10.
22. **S.Chitra**, P.Pushamani (2008), 'Implement able Hop Count Filter for Resistance Against Spoofed IP Traffic', Proceedings of the CTS'08 at Namakkal on Feb 29.
23. **S.Chitra**, W.Mercy (2008), 'Light Weight Multi Priority Frame Work Classes for Band Width Differentiation Services', Proceedings of the CTS'08 at Namakkal on Feb 29.
24. **S.Chitra**, P.Saravanan (2008), 'A Software Reliability Estimation Mobile Embed with Artificial Immune Recognition Systems', Proceedings of the CTS'08 at Namakkal on Feb 29.
25. **S.Chitra**, V.Deepa (2008), 'Improved Routing Strategy for Target tracking in Mobile Sensor Networks', Proceedings of the RTICT'08 at Sathyamangalam on Mar 17-18.
26. **S.Chitra**, V.Deepa (2008), 'Improved Routing Strategy for Target tracking in Mobile Sensor Networks', Proceedings of the MKCE-CONFERENCE 08 at Karur on Feb 02.
27. **S.Chitra**, K.Savithri (2008), 'Online Web Search Dimensionality Reduction Classifier in Web Mining', Proceedings of the HPeCom at Chennai on Jan 24 - 25.
28. **S.Chitra**, K.Savithri (2008), 'Online Web Search Dimensionality Reduction Classifier in Web Mining', Proceedings of the MKCE-CONFERENCE 08 at Karur on Feb 02.

29. **S.Chitra**, R.Sujatha (2008), 'Shared Distributed Data Access for Continuous Searching in Wireless Data Broad Casting', Proceedings of the HPeCom at Chennai on Jan 24 - 25.
30. **Chitra S.** and Rajaram M. (2007), 'Hiding Sensitive Rules In Association Rule Mining', Proceedings of the National Conference on Emerging Technologies, Karur, India, pp.6-21.
31. **S.Chitra**, K.Vimal Kumar Stephen (2007), 'Prevention of Subverting and Eliminating Misbehaving Nodes in Mobile AD-HOC Networks', Proceedings of the MKCE-CONFERENCE 07 at Karur on Mar 15.
32. **S.Chitra**, K.Vimal Kumar Stephen (2007), 'Prevention of Subverting and Eliminating Misbehaving Nodes in Mobile AD-HOC Networks', Proceedings of the ACENET'07 at Dindigul on Mar 17.
33. **S.Chitra**, A.Vinayagam (2007), 'Hiding Sensitive Rules in Association Rule Mining', Proceedings of the ACENET'07 at Dindigul on Mar 17.
34. **S.Chitra**, A.Vinayagam (2007), 'Hiding Sensitive Rules in Association Rule Mining', Proceedings of the MKCE-CONFERENCE 07 at Karur on Mar 15.
35. **S.Chitra**, R.Sujatha (2007), 'BOINC : A System for Public Resource Computing and Storage', Proceedings of the MKCE-CONFERENCE 07 at Karur on Mar 15.

CONFERENCE & SEMINAR ORGANIZED

1. Organized a National Level Conference "National Conference on Emerging Technologies 2007" in M.Kumarasamy College of Engineering, Karur.
2. Organized a National Level Conference "National Conference on Emerging Technologies 2008" in M.Kumarasamy College of Engineering, Karur.
3. Organized a National Level Conference "National Conference on Emerging Technologies 2009" in M.Kumarasamy College of Engineering, Karur.
4. Organized a International Conference "ICICT2010" on Feb12-13" in M.Kumarasamy College of Engineering, Karur.
5. Organized an AICTE sponsored Staff Development Programme on Mobile Adhoc Networking and Computing from May 24th to June 6th , 2010 in M.Kumarasamy College of Engineering, Karur.
6. Organised an AICTE sponsored Seminar on Computational Intelligence in Software Engineering on 6th and 7th August , 2010 in M.Kumarasamy College of Engineering, Karur.
7. Organized a National Level Conference "National Conference on Emerging Technologies 2011" in M.Kumarasamy College of Engineering, Karur.
8. Organised an AICTE sponsored Seminar on Artificial Intelligence and Expert Systems on 18th and 19th August , 2011 in M.Kumarasamy College of Engineering, Karur
9. Organized a National Level Conference "NCCCC 2012" in Er. Perumal Manimekalai College of Engineering, Hosur.
10. Organized Anna university Sponsored FDP in "Digital Communication" on 15th- 21st December 2011 in Er. Perumal Manimekalai College of Engineering, Hosur.
11. Organized DRDO sponsored Seminar on Computational Bio Inspired Computing on 5th and 6th March , 2012 in Er. Perumal Manimekalai College of Engineering, Hosur.
12. Organized Computer Society of India(CSI) associated Workshop on "Cloud Computing" on 28th September ,2012 in Er.Perumal Manimekalai College of Engineering, Hosur.
13. Organized DRDO sponsored Seminar on Computational Intelligence in network security with Cryptography on 16th and 17th October, 2012 in Er. Perumal Manimekalai College of Engineering, Hosur.
14. Organized ISTE Workshop for Teachers on Aakash for Education Under the National Mission on Education through ICT Conducted by IIT Bombay Nov 10th, 2012 to Nov 11th, 2012 in Er. Perumal Manimekalai College of Engineering, Hosur.
15. Organized an AICTE Sponsored FDP on "Computational intelligence in intelligent agent and web applications" from 6th to 18th May 2013 in Er. Perumal Manimekalai College of Engineering, Hosur.

16. Organized a Two Week ISTE Workshop on “Data Base Management Systems” Under the National Mission on Education through ICT Conducted by IIT Bombay May 21st, 2013 to May 31st, 2013 in Er. Perumal Manimekalai College of Engineering, Hosur.
17. Organized an AICTE sponsored FDP on “Emerging Trends & Technologies in Software Engineering and Software Testing” from 24.06.2013 to 06.07.13 in Er. Perumal Manimekalai College of Engineering, Hosur.
18. Organized an AICTE sponsored Symposium “ PMC Paradigm – 13” September 5th & 6th, 2013 in Er. Perumal Manimekalai College of Engineering, Hosur.
19. Installed the MODROBS lab in Department of Computer Science and Engineering in 2013 in Er. Perumal Manimekalai College of Engineering, Hosur.
20. Organized a BRNS sponsored seminar on “Information Security and Cyber Forensics” on 17th & 18th October 2013 in Er. Perumal Manimekalai College of Engineering, Hosur.
21. Organized a DBT sponsored seminar on “High Performance Computing in Bio Informatics” on 21st & 23rd December 2013 in Er. Perumal Manimekalai College of Engineering, Hosur.
22. Mission 10X Learning Centre lab was installed in Er. Perumal Manimekalai college of Engineering, Hosur on March 8th 2014.
23. Organized a ISTE PTU sponsored STTP on “Green Computing For Improving Energy Efficiency” from 23.06.2014 to 27.06.2014 in Er. Perumal Manimekalai College of Engineering, Hosur.
24. Organized a Technical Symposium for all departments on 18th, 19th and 20th September 2014 in Er. Perumal Manimekalai College of Engineering, Hosur.
25. Organized a DBT sponsored National seminar on “Nature Inspired evolutionary algorithm for Bioinformatics” on 21.08.15 & 22.08.15.

AWARDS:

- Received Shri P.K.Das Memorial “Best Faculty Award” in Computer Science and Engineering for 2009-2010 from Nehru College of Educational and Charitable Trust, Coimbatore.
- Received Award of Appreciation from Institution of Engineers for proactive efforts in Campus R&D, Placement and training Activities for 2011-2012 in Er. Perumal Manimekalai College of Engineering.
- Received Award of “Best Paper Presenter Award at International conference” in “Academic Excellence Award-2012” from Computer Society of India (CSI).
- Received Award of “Best student Branch Award -2012-13” from Computer Society of India (CSI) held at Visakhapatnam.
- Received the “Outstanding Scientist award from VIFRA 2015” at Chennai on 19th December 2015.
- Received the “Appreciation award from ISTE for Organizing the Regional conference” on 10th December 2015.
- Received the “Outstanding Woman Educator & Scholar Award” from National Foundation for Entrepreneurship Development.

FUNDS RECEIVED:

- Received a fund of Rs.48.25 lakhs from SEED DST, Centre for Enhancement of livelihood and Enterprise Models for Rural Women of (CELEM) in Shooglagiri Taluk.
- Received a fund of Rs.56.25 lakhs from MNRE, United Nation Development Program and Greenlife to implement Solar steam cooking using Concentrated Solar true dishes.
- MSME recognized Business Incubator (BI)/Host Institute (HI) for implementation of the scheme "support for Entrepreneurial and Managerial development of SMEs through Incubator" the total fund is Rs.62.5 lakhs.
- Received Rs. 47 Lakhs from NSTEDB for installing IEDC in Er. Perumal Manimekalai College of Engineering-Hosur
- Received Rs. 5,85,000 from AICTE Under MODROBS Scheme for Modernization of the Department Laboratory in Er. Perumal Manimekalai College of Engineering.
- Received Rs. 25,000 from Computer Society of India for the Project "Developmental Studies of Simultaneous Localization and Mapping Algorithms through mobile ground platforms “ under Sanction of funds for R & D 2012-2013.

- Grant In Aid of Rs. 50000/- from the Institution of Engineers, India for year 2012-2013 project ID no: RDUG2013093 for the “Multi-functional sensor for extraction of human features for creating augmented reality environment and rapid prototyping”
- Grant In Aid of Rs. 50000/- from the Institution of Engineers, India for year 2012-2013 project ID no:UG2013011 for the “Designing of Electro-Mechanical System to generate electricity in a e-bike to charge the battery and increase the Range”
- Grant in Aid of Rs. 9,40,000 from SIGMA, Ministry of Defence, for the project “Studies on Torque driven planar five-bar closed chain mechanism (TPFM) for realization of multitudinous lemniscate wing trajectories for entomopter applications” in the year 2013.
- Grant In Aid of Rs. 55000/- from the Institution of Engineers, India for year 2011-2012 for the project “Novel Indicative methods for Melanoma Detection using Mobile Imaging Techniques”.

PATENT

Sl No	Invention	Inventor	Country	Patent Granted Date	Application Number
1	Foot comforter shoe	Dr.S.Chitra	India	12.08.2016	201641025279

TEXT BOOK PUBLISHED:

- Theory of Computation – Umayam Publications.
- Fundamentals of Computing and Programming 2011, 2012 – Anuradha Publication.

ACHIEVEMENT /RECOGNITION

- Selected among 120 member and Part of the 20 member Australia India Vocational Educational Leadership Training(VELT) Programme Team 2016-17.Visit to Australia during March 2017 to understand Vocational Inputs required and industry interaction for better employability of students.
- Delivered Expert Lecture in Engineering Staff College of India –Hyderabad.
- Delivered expert lectures on her research work by various institutions like Government College of Engineering, Salem, and K.S.R College of Engineering, Thiruchencode.
- Session chair for a session in ICSECS09 conference at Malaysia on October 19-21, 2009.
- Received an incentive of Rs. 100000/- for the dedicated contribution towards Short Term Completion of Ph.D work.
- Received Staff Meritorious Award from our Management every year for administrative works.
- Attended the national level seminars and workshops in various colleges.
- Received Gold Coins for producing Excellent results every year in Computer Science and Engineering Department.
- Produced 3 University Rank Holders in M.E CSE and 2 University Rank Holders in B.E CSE in the state level Anna University Examinations.
- Received award of Appreciation in 2011-2012 for “Producing the Highest result and Best Placement campus” from the management of Er.Perumal Manimekalai College of Engineering –Hosur.
- She contributed as a expert member for open defense viva –Ph.D in Anna University Chennai.

ACADEMIC RESPONSIBILITIES

- Principal, Er. Perumal Manimekalai College of Engineering, Hosur.
- IIT Bombay Remote Center Co-Ordinator in Er. Perumal Manimekalai College of Engineering-Hosur
- Anna University Exam Cell Coordinator, Er. Perumal Manimekalai College of Engineering-Hosur
- Vice Principal, M.Kumarasamy College of Engineering, Karur.

- Head of the Computer Science and Engineering Department, M.Kumarasamy College of Engineering, Karur.
- Research Coordinator, M.Kumarasamy College of Engineering, Karur.
- SPOC, Infosys Campus Connect Programme, M.Kumarasamy College of Engineering, Karur.2006-2011
- Member, Academic Council, M.Kumarasamy College of Engineering, Karur.
- Member, Governing Council, M.Kumarasamy College of Engineering, Karur.
- Chief Superintendent, Anna University (Chennai & Coimbatore) Examinations
- Incharge - Anna University, NBA Accreditation , AICTE Commission Works.
- Anna University Exam Cell Coordinator, M.Kumarasamy College of Engineering, Karur.
- Institutional Head- Computer Society of India(CSI) - Er.Perumal Manimekalai College of Engineering-Hosur
- SPOC, Infosys Campus Connect Programme, Er.Perumal Manimekalai College of Engineering -Till Date.

ADMINISTRATIVE ASSIGNMENTS

- Member, Board of Studies /CSE, KSR College of Technology (Autonomous)
- Chief Examiner, Central Valuation, Bharathidasan University
- Chief Examiner, Central Valuation Board , Anna University (Salem Zone)
- Deputy Warden, Girls Students' Home
- Established Research Center, Computing Laboratories, Wi-Fi, Softwares, and Firewall.
- Coordinator of Autonomous process in 2011.
- Coordinator of NAAC Process-Received B++ grade in 2017

COUNTRIES VISITED ON PROFESSIONAL ASSIGNMENTS

- Singapore, Malaysia, Hong Kong, Australia and USA.

RESEARCH AREA

- Software Engineering
- Software Reliability
- Software Quality
- Computer Networks

MEMBERSHIPS IN PROFESSIONAL SOCIETIES:

- FIE F-117603-6
- ISTE
- IEEE
- CSI
- IAENG
- MUPA

PERSONAL DETAILS:

Father's Name	:	Mr.V.Sadagopan
Husband's Name	:	Dr.C.Narayanan M.B.B.S., DCH.,
Husband's Occupation	:	Child Specialist, Amaravathi Hospital , Karur.
Date of Birth	:	14/04/1970.
Marital Status	:	Married
Permanent Address	:	44 E, Sengunthapuram Main road, Karur - 630 002

DECLARATION:

I hereby declare that the above furnished information is true to the best of my knowledge and belief and I assure you that I will discharge my duties to your utmost satisfaction.

Place : Hosur

Date :

(Dr.S.Chitra)