

**Aditanar College of Arts and Science  
Virapandianpatnam – 628216  
Tiruchendur  
Bio Data**



**Name of the faculty member** : Dr D.S Mahendran

**Qualification** : M.Sc., M.Phil., P.B.D.C.S.A., Ph.D

**Present Designation** : Principal (01.06.2018 onwards)

**Department** : Computer Science

**Vidwan id** : 406494

**Residential Address** : “Pravin Nivas”  
7/35B, veeraragavapuram St  
Tiruchendur – 628215

**Contact Nos.** : 9442307217

**Email** : dsmahe65@gmail.com

**Gender** : Male

**Community** : B.C

**Date of Birth** : 05.07.1965

**Date of joining** : 03.02.1992

**Date of Retirement** : 31.07.2025

## I. Particulars of Educational Qualification

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc	Physics	1985	Aditanar College	Madurai Kamaraj University	68.6	First
PG	M.Sc	Physics	1987	N.M.S.S.V.N. College	Madurai Kamaraj University	66.5	First
P.B.D.C.S.A	P.B.D.C.S.A	Computer Applications	1990	V.O.C College	Madurai Kamaraj University	72.5	First
M. Phil	M.Phil	Computer Applications	2000	Alagappa University	Alagappa University	71.5	First
Ph.D.	Ph.D	Computer Applications	2011	Alagappa University	Alagappa University	----	-----

**II Additional Qualification : Nil**  
**NET/SLET**

**III Title of Ph.D. Thesis : An Alternative Adaptive Routing Algorithm to Optimize Data Flow in Computer Networks**

**IV Faculty/Discipline/Subject in which Ph.D. was awarded : Computer Science**

List of Publications : 33 (List attached)

Seminars/Conferences/Workshops attended : 26 (List attached)

No.of Ph.D Thesis Evaluated : 6

No. of Candidates Completed Ph.D. : 6

No. of Candidates completed M.Phil : 12

### List of Scholars Completed Ph.D

Sl. No.	Name	Reg No./Date of Regn.	Title	University	Status
1	R.Prabamanieswari	11991 10/08/2015	Efficient Algorithms for Mining the Concise and Lossless Representation of Frequent Pattern Sets	MSU	Completed Viva-Voce on 26.07.2022
2	M.Christy Rama	12118 11/12/2015	Detection of Land Cover Change Transitions in Southern part of Tamil Nadu using Remote Sensed Data	MSU	Completed Viva-Voce on 16.06.2022
3	R.Sahaya Jeya Sutha	12356 07/06/2016	An Efficient Content Based Image Retrieval Using BTC Based Indexing Method	MSU	Completed Viva-Voce on 08.09.2023
4	S.Rajan	12338 30/06/2016	Modified Security and Privacy Paradigm to Data for Cloud Computing	MSU	Completed Viva-voce on 26.07.2024
5	S. Sweetlin Susilabai	12433 26/08/2016	Integrated MHECC Based Signcryption and Blowfish Algorithm for Cloud Computing	MSU	Completed Viva-Voce on 16.10.2023
6	S.N.Sithi Shamila	12474 08/09/2016	Human Activity Recognition For Large-Scale Surveillance Video Data Using Convolutional Neural Networks.	MSU	Completed Viva-Voce on 20.11.2023

### List of Candidates Completed M.Phil

Sl No.	Name	Reg No.	Title	University
1	R.Kalaivani	A5A6188002	Optimal Path Selection in Data Networks using Fuzzy Numbers	MKU
2	M.R.Kalaiselvi	A4A6180130	An Efficient Algorithm to Set Routing Priorities using Fuzzy Numbers	MKU
3	T.Maragatham	A6A6/88008	Computer Oriented Algorithm to Find Optimal Path in a Graph Using GA.	MKU
4	S.Brintha Rajakumari	A3581153	Accurate Recognition of Static Hand Gesture Using Perceptron	MSU

5	S.Sweetlin Susilabai	A6584216	Modified ECC Algorithm	MSU
6	R.Sri Vidhya	A5584202	Image Enhancement Using Cascading Filter Technique	MSU
7	K.Sudha	A46584212	Biometric Security System for Access Control	MSU
8	T.Uma Maheswari	A65827152	Optimal Image Segmentation using GLRL Texture Features	MSU
9	G.Chinnadurai	A7A6188048	A Computer Oriented Algorithm for Weighted Image Compression	MKU
10	G.Sofia	A6584928	An Efficient Algorithm for Browsing and Search of Image Databases	MSU
11	M.Maheswari	A6584908	Credit Based Routing to Minimize Congestion in Network	MSU
12	G. Jeya Sutha Perciya	A6584704	A Novel Boundary Detection Scheme Based on Edge Flow	MSU

**V Academic Experience: 36 Years (05.12.1988 to 04.12.2024)**

Name of the College	Whether Govt/Aided/S.F.	Designation	Joining Date	Relieving Date	Experience	
					Years	Months
Aditanar College of Arts and Science	F.I.P Vacancy	Assistant Professor in Physics	05.12.1988	04.12.1989	1	0
Aditanar College of Arts and Science	Management Vacancy	Assistant Professor of Physics	05.12.1989	12.06.1990	0	6
Aditanar College of Arts and Science	Management Vacancy	Lecturer in Computer Science	14.06.1990	02.02.1992	1	8
Aditanar College of Arts and Science	Aided Vacancy	Lecturer in Computer Science	03.02.1992	26.07.1998	6	4

Aditanar College of Arts and Science	Aided Vacancy	Lecturer in Computer Science (Senior Scale)	27.07.1998	03.02.2002	<b>3</b>	7
Aditanar College of Arts and Science	Aided Vacancy	Lecturer in Computer Science (Selection Grade)	04.02.2002	31.12.2005	<b>3</b>	10
Aditanar College of Arts and Science	Aided Vacancy	Associate Professor in Computer Science	01.01.2006	31.05.2018	<b>12</b>	5
Aditanar College of Arts and Science	Aided Vacancy	Principal	01.06.2018	Till Date	<b>5</b>	5
<b>Total</b>					<b>34</b>	<b>9</b>

#### **V. Awards / Honours/Appreciations Received:**

1. Received the National Award “**Director General NCC Commendation Card & Medal–2013**”, from Director General NCC, New Delhi for the excellent service rendered in NCC.
2. Honoured by our Honourable Chairman **Padmashri Dr B.Sivanthi Adityan** during College Day on 05/03/2012 for receiving Ph.D. degree in Computer Science.
3. Honoured by our Management during College Day on 14/02/2014 for receiving the National Award in NCC.
4. Honoured by our Management during College Day on 14/02/2014 for completing 25 years of service in our college.
5. Received the Best Paper Award in the UGC Sponsored International Conference on Recent Trends in Advanced Computing organized by the Department of Computer Science, Erode Arts & Science College, Erode on 13-14 December 2019.
6. Received Appreciation for Special Summary Revision – 2019
7. Bharat Excellence Award for the year 2023.

### **Reviewer:**

1. Reviewer for the International Conference on Innovations in Computer Science and Technology (ICICST 2016) organized by the Department of Computer Science and Engineering, Alagappa University, Karaikudi on April 4-5, 2016.
2. Served as reviewer for the “Villgro My Idea Programme” Organized by the VIT, Held at Dr Sivanthi Aditanar College of Engineering on 29/09/2011.

### **Books Written/Editor:**

1. Published a NCC book “**INTRODUCTION TO NCC NAVAL WING**” (2005)
2. Written a book “**Java Programming**” for Manonmaniam Sundaranar University DDCE students (2016).
3. Co-Editor for the UGC sponsored National Level Seminar Book “Teaching, Learning and Evaluation” with ISBN number (2016).

### **Research Publications**

1. **D.S.Mahendran** and S.Sakthivel “Virtual Node Algorithm for Data Networks”, International Journal of Soft Computing: 2(2), pp 302 – 306, 2007.
2. **D.S.Mahendran** and S.Sakthivel “Minimum Proximity Algorithm to Minimize Delay in Networks”, Asian Journal of Information Technology – 6(2), pp 132 – 135, 2007.
3. **D.S.Mahendran** and S.Sakthivel “Look-Ahead Approach to Minimize Congestion in Data Networks”, International Journal of Information Technology, Vol-14, No.1, pp 1-11, 2008.
4. **D.S.Mahendran** and S.Sakthivel “Stability Factors to Provide Stable Routes for Adaptive Routing Algorithm”, International Journal of Computer Science and Communication, Vol-3, No.1, pp 187 – 189, January – June 2012.
5. **D.S.Mahendran** and S.Sakthivel “Green Routing Algorithm for Data Networks”, International Journal of Advance Research in Computer and Communication Engineering, Vol-2, No.8, pp 3102 – 3108, August – 2013.



6. **D.S.Mahendran** and S.Anantha Natrajan “Privacy and Security Issues and Approaches in Social Networks”, in Proceedings National Conference on Social Media- A New Frontier for Business, pp 252 – 258.
7. R.Prabhmanieswari, **D.S.Mahendran** and T.C.Rajakumar “A Survey on Concise and Lossless Representation of Frequent Pattern Sets”, International Journal of Advanced Research in Computer and Communication Engineering, Vol-4, Issue:9, pp 117-120, September – 2015.
8. C.Christy Rama, **D.S.Mahendran** and T.C.Rajakumar “A Survey on Land Cover Detection Techniques in Remote Sensing”, International Journal of Innovative Research in Science, Engineering and Technology, Vol-5, Issue 7, pp 13655 – 13661, July – 2016.
9. R.Sahaya Jeya Sutha, **D.S.Mahendran** and S.Jhon Peter “An Overview of Content Based Image Retrieval Techniques”, International Journal of Advanced Research Trends in Engineering and Technology, Vol-4, Special Issue, pp 4 – 9, March – 2017.
10. S.Rajan, **D.S.Mahendran** and S.Jhon Peter “A Novel Model for Key Management on Cloud”, International Journal of Scientific Research Engineering & Technology (IJSRET), Vol-6, Issue-9, pp 964 – 971, Septemberr – 2017.
11. R.Prabhmanieswari, **D.S.Mahendran** and T.C.Rajakumar “NCFP-Tree: A Non-Recursive Approach to CFP-Tree using Single Conditional Database”, International Journal of Advanced Research in Applied Science and Engineering Technology (IJRASET) SJ Impact Factor:6.887, Vol-5, Issue XI, pp 386 – 393, November – 2017.
12. S.Sweetlin Susilabai, **D.S.Mahendran** and S.Jhon Peter “Different Data Security Cryptographic Algorithms”, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Vol-4, Issue-12, pp 248 – 255, December – 2017.
13. R.Sahaya Jeya Sutha, **D.S.Mahendran** and S.Jhon Peter “A Survey on Block Truncating Coding Based Content Based Image Retrieval Techniques”, International Journal of Computer Applications, Vol-7, pp 1-5, November – December – 2017.
14. C.Christy Rama, **D.S.Mahendran** and T.C.Rajakumar “Land Cover Classification Using Opponent Texture Pattern with Multi-Color Model Histogram”, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Vol-4, Issue-12, pp 213 – 219, December – 2017.

15. S.Rajan, **D.S.Mahendran** and S.Jhon Peter “Scalable Map Reduce Model for Aggregating the Data in the Cloud”, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Vol-4, Issue-12, pp 230-234, December – 2017.
16. Sithi Shamila, D.S.Mahendran and Mohamed Sathik “Addressing The Issues of Text Analysis”, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Vol-4, Issue-12, pp 319-327, December – 2017.
17. S.Rajan, **D.S.Mahendran** and S.Jhon Peter “Analysis on Economic Viability on Location Based Cloud”, International Journal of Research in Science and Technology (IJRSST), Vol-4, Issue-2, pp977-981, Feb-2018.
18. R.Prabhmanieswari, **D.S.Mahendran** and T.C.Rajakumar “Comparitive Study of FPclose, CFPtree-closed and NCFPGEN Algorithms”, International Journal of Computer Science and Engineering (IJCSE), Vol-6, Issue 3, pp 143 – 148, March – 2018.
19. C.Christy Rama, **D.S.Mahendran** and T.C.Rajakumar “A Hybrid Color Model Based Land Cover Classification Using Random Forest and Support Vector Machine Classifiers”, International Journal of Applied Pattern Recognition, Vol-5, No.-2, pp87-100, 2018.
20. R.Prabhmanieswari, **D.S.Mahendran** and T.C.Rajakumar “A Modified Algorithm for Finding Representative Pattern Sets”, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Vol-5, Issue 3, pp 201-205, March-2018.
21. S.Rajan, **D.S.Mahendran** and S.Jhon Peter “Analysis on Cryptographic Algorithms for Effective Secure Implementation of Cryptosystem in Cloud”, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Vol-5, Issue-4, pp 309-315, April – 2018.
22. S.Rajan, **D.S.Mahendran** and S.Jhon Peter “Modified AES-256 Algorithm with Multiple-Key for Secure Data Transmission and Persistent Storage”, International Journal of Advanced Science and Technology, Vol-28, no17, pp 136-149, 2019.
23. S.Sweetlin Susilabai, **D.S.Mahendran** and S.Jhon Peter “Interbit Exchange and Merge (IBEM) Pattern of Blowfish Algorithm”, International Journal of Recent Technology and Engineering (IJRTE), Vol-7, Issue-5S2, pp 129 – 132, January – 2019.



24. S.Rajan, **D.S.Mahendran** and S.Jhon Peter “Implementation of Modified Security Paradigm to Data for Cloud Computing”, Journal of Emerging Technology and Innovative Research (JETIR), Vol-6, Issue-3, pp 51-56, 2019.
25. R.Sahaya Jeya Sutha, **D.S.Mahendran** and S.Jhon Peter “A Review on Feature Extraction Techniques for CBIR with Different BTC Methods”, Journal of Emerging Technologies and Innovative Research (JETIR), Vol-6, Issue-2, pp 348-353, February -2019.
26. S.Sweetlin Susilabai, **D.S.Mahendran** and S.Jhon Peter “Constructing Dynamic Data Security Model (DDSM) using HECC and Multi-Model IBEM for Clouds”, International Journal of Advanced Science and Technology, Vol-28, no.17, pp 892 – 905, 2019.
27. Sithi Shamila, D.S.Mahendran and Mohamed Sathik “Image and Video Frame Extraction System Based on Improved Deep Learning Technique”, International Journal of Emerging Technologies, Vol-10, Issue-3, pp 384-390, – 2019.
28. C.Christy Rama, **D.S.Mahendran** and T.C.Rajakumar “Land Cover Classification of Multispectral Remotely Sensed Data Based On Channel Relative Spatial Pattern”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol-9, Issue -3, pp1415-, January - 2020.
29. Sithi Shamila, D.S.Mahendran and Mohamed Sathik “A Novel Method for Video Frame Retrieval Using GWO-SVM Classifier with Multi Features”, Journal of Advanced Research in Dynamical & Control system, Vol-12, 01Special Issue, pp 760-773, 2020.
30. S.Rajan, **D.S.Mahendran** and S.Jhon Peter “Security and Privacy Paradigm to Data for Cloud Computing – Designed and Implemented”, International Journal of Science and Technology Research, Vol-9, Issue-3, pp 4151-4160, March-2020.
31. Sithi Shamila, D.S.Mahendran and Mohamed Sathik “Performance Analysis of Detection of Video for Secured Cloud Data Service”, International Journal of Psychosocial Rehabilitation, Vol-24, Issue-05, pp 4232-4246, April 2020.
32. R.Prabhamanieswari, **D.S.Mahendran** and T.C.Rajakumar “An Enhanced Approximation Algorithm to Find Minimum Representative Pattern Sets”, Journal of Mathematical and Computational Science, Vol-11, no.3, pp 3747-3766, 2021.

33. R.Sahaya Jeya Sutha, **D.S.Mahendran** and S.Jhon Peter “An Efficient Content Based Image Retrieval Using Block Truncation Coding”, An International Journal of Neuro Science and Quantum Physics, Vol-20(8), pp 812-823, July -2022.

**Contribution to the University:**

1. Nominated as University Representative to Sri Paramakalyani College, Alwarkuruchi for a period of two years w.e.f 05.02.2025.
2. Member of the Manonmaniam Sundaranar University Standing Committee on Academic affairs for three years from 25.08.2022 to 24.08.2025.
3. Chairman of the Manonmaniam Sundaranar University Inter Collegiate Tournaments 2022-2023.
4. Nominated as University Representative to Sadakathullah Appa College (Autonomous), Tirunelveli for a period of two years w.e.f 05.02.2023.

**AS PRINCIPAL SELECTION COMMITTEE MEMBER**

1. Served as Higher Education expert in the Principal selection committee at Christopher Arts & Science (Women) on 21.01.2023.
2. Served as Higher Education expert in the Principal selection committee at Maria Arts and Science College for Women on 15.02.2023.
3. Served as Vice Chancellor’s nominee in the Principal selection committee at Nazareth Margoschis College on 31.03.2023.
4. Served as Vice Chancellor’s nominee (Principal) in the Principal selection committee at Pioneer Kumaraswamy College on 07.06.2023.
5. Served as Vice Chancellor’s nominee (Principal) in the Principal selection committee at Sri Sankara Bagavathy College, Kommadikottai on 02.08.2023.
6. Served as Vice Chancellor’s nominee (Principal) in the Principal selection committee at Pope’s college, Sawyerpuram on 07.09.2023.
7. Served as Vice Chancellor’s nominee in Assistant Professor Selection committee at Govindammal Aditanar College for Women, Tiruchendur on 12.07.2024.
8. Served as Vice Chancellor’s nominee in the Principal selection committee at Nazareth Margoschis College on 04.01.2025.

### **As Inspection Committee Chairman/Member :**

1. Served as Chairperson for M S University further affiliation Inspection commission for T M M College. Kulathoor on 25.05.2023.
2. Served as Chairperson for M S University further affiliation Inspection commission for Geetha Jeevan College of Arts & Science, Thoothukudi on 29.06.2023.
3. Served as Chairperson for M S University further affiliation Inspection commission for G.V.N. College, Kovilpatti on 14.06.2023.
4. Served as Chairperson for M S University further affiliation Inspection commission for Rajalakshmi College of Arts & Science. Vakaikulam on 16.06.2023
5. Served as Chairperson for M S University further affiliation Inspection commission for Pope's College. Sawyerpuram on 22.06.2023.
6. Served as member for M S University continuation of affiliation Inspection commission for Sri Paramakalyani College, Alwarkuruchi on 29.04.2021
7. Served as Chairperson for M S University further affiliation Inspection commission for Eistein College of Arts and Science, Seethaparpanallur on 30.01.2019.
8. Visited TDMNS College as a Commissioner for granting additional seats to the P.G.D.C.A course on 22/09/2005.
9. Visited Sri Ram Nallamani Yadava College of Arts & Science as Inspection Commission member for granting additional seats to UG Computer Science course on 17/07/2006.

### **VI Administrative/other Experience:**

1. As Residential Superintendent of Aditanar College Main Hostel from Dec 1988 to Nov 1992.
2. As Associate NCC Officer (Naval Wing) from 12/10/1992 to 30/06/2015 (22 yrs and 8 months)
3. As Associate NCC Officer (Army Wing) as additional charge 1year and 11 months.
4. As Director of Career Counseling and Placement cell from October 2015 to May 2018.
5. As Staff in-charge of UGC accounts from October 2015 to May 2018.
6. As Students Welfare and Discipline Committee member from July 2010 to May 2018.
7. As Anti-Ragging squad member from July 2010 to May 2018.
8. As Internal Quality Assurance cell (IQAC) member from June 2015 to May 2018.

9. As Staff Representative from August 2016 to May 2018.
10. As Council member of our college from 12/10/1992 to May 2018.
11. As Prof in-charge of Computer Science Department Guest Lecture & Association activities from June 2001 to May 2018.
12. Served as Student Advisor for Computer Science Students from June 1990 to May 2018.
13. Served as student welfare committee member from October 1992 to June 2016.
14. Served as Convener for student welfare committee during 2018 College Day.

## **VII Other Relevant Information:**

### **Board of Studies Member / Membership in Academic Bodies.**

1. Member in Manonmaniam Sundaranar University UG – Computer Science Board of Studies from June 2005 to May 2008.
2. Member in Alagappa University UG- Computer Science Board of studies from February 2008 to January 2011.
3. Member in Alagappa University UG- IT Board of studies from February 2011 to January 2014.
4. Member in St Mary’s College (Auto) UG- Computer Science Board of studies from 2011 to 2014.
5. Member in Sadakathullah Appa College (Auto) UG- Computer Science Board of studies from Feb 2014 to Feb 2016.
6. Member in Manonmaniam Sundaranar University UG – Computer Science Board of studies from June 2012 to May 2015.
7. Member in Alagappa University M.Phil, Computer Science Board of studies from March 2015 to March 2018.
8. Chairman in Manonmaniam Sundaranar University BCA (DDCE) Board of Studies From March 2016 to March 2019.
9. Served as Subject expert in P.G Board of studies of Kongu Arts & Science College, Erode from 2022 to 2024
10. Member of International Association of Engineers (IAENG).

### **Details of Seminars/Workshops/Conference/Symposia organized**

1. Served as Member Organizing Committee in the workshop on “Architecture and Applications of Neural Networks” Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur on 11/04/2007.
2. Served as Member Organizing Committee in the “Computer Training Programme for

Personnel Employed in Government Departments “Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur from 25/02/2009 to 28/02/2009.

3. Served as Member Organizing Committee in the “Computer Training Programme for Personnel Employed in Village Panchayat “Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur from 10/02/2010 to 12/02/2010.
4. Served as Member Organizing Committee in the workshop on “Project Development Using .NET “Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur from 29/09/2010 to 01/10/2010.
5. Served as Member Organizing Committee in the workshop on “Recent Developments in Data Mining, Network and Fuzzy Logic“ Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur from 14/03/2013 & 15/03/2013.
6. Served as Member Organizing Committee in the workshop on “Object Oriented Approach” Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur on 03/01/2014.
7. Served as Member Organizing Committee in the workshop “MATLAB & NS2 Tools” Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur on 03/02/2014 & 04/02/2014.
8. Served as Organizing secretary for the UGC Sponsored Two Day National Workshop on “Educational Innovation: Web Applications for Facilitating E-Learning” on 11<sup>th</sup> & 12<sup>th</sup> September 2015.
9. Served as Organizing secretary for the UGC Sponsored One Day International Seminar on “Human Rights” on 13<sup>th</sup> January 2016.
10. Served as Organizing secretary for the UGC Sponsored One Day National Level Seminar on “Counseling” on 12<sup>th</sup> & 13<sup>th</sup> February 2016.
11. Served as Organizing secretary for the UGC Sponsored One Day National Seminar on “Teaching, Learning and Evaluation” on 27<sup>th</sup> February 2016.



12. Served as Organizing secretary for the UGC Sponsored One Day Seminar on “Physical and Mental Health” on 23<sup>rd</sup> September 2016.
13. Served as Organizing secretary for the UGC Sponsored One Day National Level Workshop: Faculty Development Program on “ICT Enhanced Learning” on 7<sup>th</sup> October 2016.
14. Served as Organizing secretary for the One Day National Level Workshop on “Teaching Management System” on 23<sup>rd</sup> February 2018.

#### **Resource Person in Seminar /Workshop**

1. Served as Quiz Master for the Computer Based and Information Technology Awareness Seminar Cum Exhibition for the rural Higher Secondary students of the Computer Science branch on 19/10/2005, Organized by the Department of Computer Science, Govindammal Aditanar College for Women.
2. Served as Examination Superintendent for conducting the 26<sup>th</sup> CCC examination on 28/06/2008, Organized by the Department of Information Technology, Ministry of Communications & IT, Government of India.
3. Served as resource person for UGC sponsored State level seminar on Computer Applications in Chemistry conducted by KGS Arts college, Srivaikundam on 01/09/2008.
4. Served as resource person for “Computer Training Programme for Personnel Employed in Government Departments “Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur from 25/02/2009 to 28/02/2009.
5. Served as resource person for Seminar “On Recent Trends in Information Technology” and delivered a lecture on “ Mobile Computing “ conducted by Department of Information Technology, Popes College, Sawyerpuram on 14/03/2009.
6. Served as resource person for “Computer Training Programme for Personnel Employed in Village Panchayat “Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur from 10/02/2010 to 12/02/2010.
7. Served as resource person for Seminar on “Recent Trends in Computer Science” and delivered a lecture on “ Biometric Technologies” conducted by Department of Computer Science, Govindammal Aditanar College for Women, Tiruchendur, on 03/02.2011.
8. Served as Judge for a Techie Talk conducted in the two-day State Level Inter Collegiate Technical Meet, Organized by the Department of Computer Science, V.O.C College, Tuticorin on 24/02/2011.



9. Chair Person in the National Conference on “Computer Vision” organized by the Department of Computer Science Engineering, Dr Sivanthi Aditanar College of Engineering, Tiruchendur on 07/01/2012.
10. Serves as Jury for the National Level Technical Fest organized by the Department of Computer Science Engineering, Dr Sivanthi Aditanar College of Engineering, Tiruchendur on 24/02/2012.
11. Serves as Subject expert in the selection of JRF candidate for DST project at Dr Sivanthi Aditanar College of Engineering, Tiruchendur on 14/08/2012.
12. Served as resource person for National Conference on “Recent Trends in Image Processing and Network Security” conducted by Department of Computer Science & Engineering, Dr Sivanthi Aditanar College of Engineering, Tiruchendur, on 19/12/2012.
13. Served as resource person for National Conference “Emerging Trends and Applications in Computer Science”, Organized by the Department of Computer Science & Engineering, Dr Sivanthi Aditanar College of Engineering, Tiruchendur on 29/01/2013.
14. Served as resource person for Computer Training Program for Non-Teaching staff of Aditanar Educational Institutions, Tiruchendur on 02/03/2013 and 09/03/2013.
15. Served as resource person and delivered a lecture on “NS2” in the workshop “Recent Developments in Data Mining, Network Simulator and Fuzzy Logic “Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur from 14/03/2013 & 15/03/2013
16. Served as resource person for the Computer Science Refresher Course RC-198 And delivered a lecture on “Green Computing”, Organized by UGC-ASC, Saurashtra University, Rajkot on 26/03/2013.
17. Served as resource person for National seminar on Innovations in Computer Era and delivered a lecture on “Green Computing” Organized by the Department of Computer Science, Holy Cross Home Science College, Thoothukudi on 04/10/2013.
18. Chair Person in the AICTE Sponsored National Seminar on “Social Media – A Frontier for Business” organized by the Department of Management Studies, Dr Sivanthi Aditanar College of Engineering, Tiruchendur On 18/10/2013.
19. Served as resource person for the workshop “Object Oriented Approach” Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur on 03/01/2014.
20. Served as resource person and delivered a lecture on “NS2 & its Applications”, in the Workshop “MATLAB & NS2 Tools” Organized by the Department of Computer Science, Aditanar College of Arts & Science, Tiruchendur on 03/02/2014 & 04/02/2014.

21. Acted as Subject expert in the Ethical committee review meeting held at Dr Sivanthi Aditanar College of Engineering on 28/10/2015.
22. Chair Person for the Doctoral Committee meeting for Mrs S.Sithi Shamila held at Sadakathulla Appa College Computer Science research centre, Palayamkottai on 10/01/2017.
23. Chair Person for the Doctoral Committee meeting for Mrs S.Sweetlin Susilabai at St Xavier's College Computer Science research centre, Palayamkottai on 28/01/2017.
24. Served as resource person for the "One Day Career Guidance & Counselling" held at Anitha Kumaran Matriculation School, Thandupathu, Organized by the Department of School Education on 07/04/2017.
25. Served as Subject Expert in Doctoral Committee meeting for Mr Pandian held at Erode Arts Science College Computer Science research centre on 30/10/2017.
26. Served as Subject Expert in Doctoral Committee meeting for Mrs at Kamaraj College Computer Science research centre on 08/03/2018.
27. Served as Subject Expert in Doctoral Committee meeting for Mrs J.Stella Janci Rani at Kamaraj College Computer Science research centre on 09/03/2018.
28. Served as Chairperson for a session in the International Conference on Soft Computing and Optimizing Techniques held at Kamaraj College on 9<sup>th</sup>, 10 August 2019.

### **Participation in Skill up gradation programmes:**

#### **Academic:**

1. Attended the Orientation program at Academic Staff College, Pondicherry University from 28/02/1995 to 27/03/1995.
2. Attended the Refresher Course in Computer Applications at Academic Staff College, Andhra University, Visakhapatnam from 01/12/1998 to 24/12/1998.
3. Attended the Refresher Course in Computer Science at Sardar Patel University, Anand, from 01/11/2000 to 21/11/2000.
4. Attended the Refresher Course in Computer Science at Academic Staff College, Sri Venkateswara University, Tirupathi from 24/12/2001 to 12/01/2002.

#### **NCC:**

1. Attended the Refresher Course at Southern Naval Command, Cochin from 15/03/1993 to 04/04/1993.
2. Attended the Refresher Course at Southern Naval Command, Cochin from 11/03/1997 to 30/03/1997

3. Attended the Refresher Course at Eastern Naval Command, Visakhapatnam from 07/06/2010 to 26/06/2010.

**No. of NCC Camps Attended:**

- (a) State Level Camps : 7  
(b) National Level Camps : 14

**Responsibilities Held in NCC Camps:**

1. Deputy Camp Commandant in Annual Training Camps (ATC).
2. Camp Adjutant in Annual Training Camps.
3. Camp Training Officer for Naval Wing Cadets in Combined Annual Training Camps.
4. Madurai NCC Group contingent Associate NCC officer for All India Trekking Expedition Held at Goa during December – 1993.
5. Tamil Nadu contingent Associate NCC officer for the Ship Attachment Camp held at Western Naval Command, Mumbai during May-1996.
6. Served as Asst Officer Of the Day at Indian Naval Ship (INS) Godavari during Ship Attachment Camp held at Mumbai.
7. Served as Officer-in-Charge for Quiz, Swimming, Boat Pulling, Firing and other Competitions in various NCC Camps.

**Social Service Activities Conducted :**

1. Organized “**Tree plantation**” programs in and around college campus and in the Main and Gandhi Hostel.
2. Organized **Blood Donation Rally** and cadets donated blood.
3. Arranged lectures for cadets during “**Anti- Tobacco Day**” by Doctors.
4. Arranged lectures for cadets during “**Cancer Awareness Drive**” by Doctors.
5. “**Aids Awareness Programs**” conducted by arranging lectures to the cadets and to other students of our college by Doctors.
6. “**Anti-Plastic Day**” program conducted.
7. “**Observance of Vigilance Awareness Week** “, lectures arranged with experts.
8. “**Adult Education Programs**” were conducted with the help of Cadets to the village peoples of Ramasampuram, Shunmugapuram and Murugesapuram.