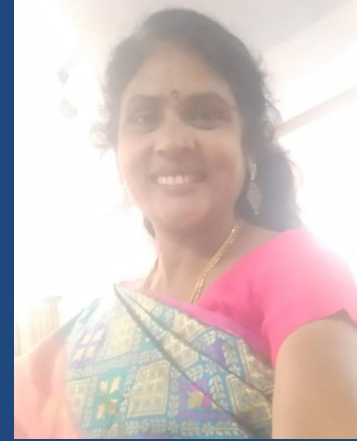


Curriculum Vitae

Dr. N.JAYACHANDRA M.Sc., M.Phil., SET., Ph.D.

Head & Associate Professor
Department of Computer Science
Lady Doak College
Madurai.



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Mail Id : jayachandra@ldc.edu.in

EDUCATIONAL QUALIFICATION

QUALIFICATION	BOARD/UNIVERSITY	SUBJECT	YEAR
Ph.D.	Mother Teresa Women's University	Computer Science	2020
SET	Mother Teresa Women's University	Computer Science And Computer Applications	2016
M.Phil.	Mother Teresa Women's University	Computer Science	2006
M.Sc.	Alagappa University	Computer Science	1996
B.Sc.	T.B.A.K College For Women, Kilakarai . (Madurai Kamaraj University)	Computer Science	1993

PROFESSIONAL EXPERIENCE

: 22+ YEARS

DESIGNATION	INSTITUTION	FROM	TO
Lecturer	T.B.A.K College for Women , Kilakarai, Ramnathapuram.	01/07/1996	30/04/1997
Lecturer	P.K.R Arts And Science College, Gobichettipalayam.	21/08/1997	30/06/1999
Lecturer(Temporary)	Lady Doak College, Madurai.	22/11/1999	30/06/2000
Head & Associate Professor (Currently)	Lady Doak College, Madurai	01/07/2000	Till Date

AWARDS

1	International Conference On Trechy Trends In IT	Best Paper of The Session (I Prize)	PSG College For Women, Coimbatore.	09/30/2008
2	ICTACT Faculty Excellence	In Recognition of Outstanding Contributions To The Academic Achievements In Association With ICT Academy of Tamilnadu.	ICTACT ,Chennai.	02/22/2012

PUBLICATIONS

PUBLICATIONS – JOURNALS

N. Jayachandra, Dr. A. R. Nadira Banu Kamal, Color Image Segmentation of Multiple Occurrences of ROI in Satellite Images Using CCL, (i-Scholar), Vol 3, No 5 pp. 315-320, CIIT March 2011.

N. Jayachandra, Dr. A. R. Nadira Banu Kamal ,Detection of the Effect of Sharpening of a Colour Image Sharpened by Frequency Domain Filters and Identification of Roi using Morphological Mathematical Property, International Journal of Advanced Research in Computer Science, ISSN : 0976-5697 Vol 4, No. 11, pp. 17-25,Nov-Dec 2013.

N. Jayachandra, Dr. A. R. Nadira Banu Kamal, “ Detection of objects in blurred underwater sea images using Morphological processing” , International Journal of Applied Engineering Research, ISSN : 0973-4562 Vol 10 , No.42, pp. 30540-30548,2015.

R. Karthiga , N. Jayachandra, “Estimation of chlorophyll content in papaya leaf using Mathematical operations” , IJCA-(0975-8887 Proceedings –Machine Learning – Challenges and Opportunities Ahead,MLCONF- 2014,pp: 6-11,April 2014

P.Hema Karthiga , N. Jayachandra, “A Novel Approach to detect wounds in Human Skin using Image Processing Technique, IJCA-(0975-8887 Proceedings –Machine Learning – Challenges and Opportunities Ahead,MLCONF- 2014,pp: 12-16,April 2014

N. Jayachandra, Dr. A. R. Nadira Banu Kamal, “Analysis of Objects Categorization In Underwater Images”, IPASJ International Journal of Computer Science (IJCS), ISSN: 2321-5992, Vol 5, Issue 10, pp.143-149, October 2017.

N. Jayachandra, Dr. A. R. Nadira Banu Kamal, “A Novel Framework for Automated image set preparation for moving objects in under water videos”, International Journal of Applied Engineering Research, ISSN : 0973-4562, Vol 12, issue 15, pp.5137-5145, 2017.(Orcid Id: 0000-0001-8280-5619), Citation : 1

N. Jayachandra, Dr. A. R. Nadira Banu Kamal, “A Study on Approaches for Detection and Classification of Marine Animals in Under Sea Water Videos”, Shanlax International journal of Arts, Science and Humanities, ISSN : 2321- 788X,Vol 5, Special issue 1, pp.52-56, Feb 2018.

N. Jayachandra, Dr. A. R. Nadira Banu Kamal, “Real time marine video image preprocessing technique”, Journal of Emerging Technologies and Innovative Research, ISSN : 2349-5162, Vol 6, Issue 6, pp.463-470, June 2019.

N. Jayachandra, Dr. A. R. Nadira Banu Kamal, “A Novel Algorithm for Volume Reduction of Automated Image Set Generated For Marine Animals in Under Sea Water Videos”, International Journal of Research and Analytical Reviews, E-ISSN: 2348-1269, P-ISSN: 2349-5138, Vol 6, Issue 2, pp.546-551, June 2019.

PROCEEDINGS	TITLE	PERIOD	PAGES	ISSN NO.
UGC Sponsored National Seminar On Advances In Computing And Technology, Dept. of Computer Science, Sri Ramasamy Naidu Memorial College, Sattur.	i) A Classical Approach For Detection And Classification Of Food Grams Using Otsu Thresholding Method	05/02/2015 – 6/02/2015 Co-Author	170-173	978-93-5212-074-1
	ii) A Novel Approach To Detect The Patches In Tongue Using Color Space Transformation		167-169	
	iii) Detection of Exudates In Retinal Images Using Linear Spatial Filtering		174-177	
National Conference on Innovative Trends in Computing and Technology, Department of Information Technology And Management, Arul Anandar College, Karumathur.	i) Level Set Segmentation of Soil Using Contouring Technique	25/02/2015 Co-Author	94-97	978-93-80686-03-5
	ii) Comparison of Image Enhancement Techniques For Blood Spot Detection In Egg			
National Conference on Recent Advances In Computer Science And Applications [NCRACSA-2015], Department of Computer Science And Applications, The Gandhigram Rural Institute – Deemed University, Gandhigram, Dindigul Dt.	i) Classification of Food Grams Using Naïve Bayes Classifier	19/03/2015-20/03/2015 Co-Author	17-22	978-93-84743-57-4
	ii) A Technique to Extract Bloodspot in Chick Egg Using K-Means Clustering Algorithm		39-42	
	iii) Exudates Detection in Retinal Images Using Mathematical Morphology And Spatial Relationship of Pixels		49-52	
	iv) Disclosing The Edges Of Soil Particles By Level Set Segmentation Using Contouring Technique		67-69	
	v) Detection of Abnormality in Tongue Using Device Independent Color Space And Mathematical Equation		95-98	
Second International Conference on Computational Intelligence Dept. of Information Technology, Sethu Institute of Technology	Detection of Objects In Blurred Underwater Sea Images Using Morphological Processing	09/04/2015	196-205	978-93-85399-00-8

RESOURCE PERSON

1. Chief Guest -“ State Level Technical Symposium “ , Kamban College Of Arts And Science For Women, Thruvannamalai , Deliver A Talk On The Topic “Digital Image Processing” .(20/10/2010).
2. Assistant Supervisor, UGC –NET Examination Conducted At Lady Doak College, Madurai.
3. Trainer(CTS-ICTACT)- Phase - I, RIPPLE Training –SEEK And VISTA Training Was Given To BE (Computer Science) Students ,KLN Engineering College ,Madurai With CTS Trainers On 10/09/2011.
4. Chair Person- National Conference-2008, Fatima College, Madurai.
5. Chief Guest-Seminar-Department Of IT And BCA, Madurai Sivakasi Nadars Pioneer Meenakshi Women’s College, Poovanthi, Sivakangai(Dt) ,Deliver A TALK ON “ DIP APPLICATION “ ON 15/03/2011.
6. Guest Lecture Programme- Resource Person- Deliver A Talk On Digital Image Processing For MCA Students Shrimathi Indra Gandhi College ,Trichy On 06/11/2012.
7. Trainer- Training Program In Visual Programming(VC++) To The Faculty Members Of Mathematics Department , Lady Doak College , Madurai- From 09/08/2014 To 20/08/2014(20 Hours).
8. Resource Person- Training On Moodle -Thassim Beevi Abdul Kader College For Women, Kilakarai On 8/1/2016.
9. Trainer- Training On Moodle To The Faculty Members Of Computer Science ,Hindi And French Department On 8/02/2016.
10. Resource Person For Workshop On “Video Content Preparation For Teaching” For The Faculty Members Of T.B.A.K College For Women, Kilakarai On 18/02/2017.
11. Delivered Guest Lecture To The Students Of Department Of Computer Science And Computer Applications ,Vivekanandha College Of Arts And Science College For Women, Elayampalayam, Tiruchencode In The Topic “Digital Image Processing Using Matlab” On 19/08/2017.
12. Delivered Guest Lecture The Students Of B.Sc Computer Science ,V.V.V College For Women, Viruthinagar In The Topic “Introduction To Digital Image Processing” On 04/10/2017.
13. Conducted Workshop On “ICT Enabled Teaching Techniques” For Faculty Members Of P.K.R Arts College For Women, Gobichettipalayam On 21/01/2018.
14. Conducted Workshop on “ICT Enabled Teaching Aids for Learning Process” for faculty Members at Mohamed Sathak Hamid College of Arts and Science for Women, Ramanathapuram on 18/08/2018.
15. Conducted Training on “ICT Enabled Teaching and Learning Tools” for faculty Members of Sri Meenakshi Govt. Arts College for women, Madurai organized by IQAC Cell, on 19/01/2019.
16. Guest Lecture on Fundamental Concepts in digital Image Processing - SWAT – Student Working in Advanced Technology day for students at CSI College of Arts and Science for Women, Madurai on 08/02/2019.
17. Guest Lecture for FDP on “Screen Recording and Editing “ on 10/06/2019 - Faculty from Lady Doak College , Madurai.
18. Voice Recorded for one Lecture in MOOC Online Courses on SWYAM Platforms for the Course “ Data Mining “ on 29/06/2019.
19. Guest Lecture on “Code Yourself “ , Department of Computer Science , Nadar Saraswathi College for Arts and Science ,Theni on 12/07/2019.
20. Delivered lectures for Techno Sharing Sessions conducted by CCM, Lady Doak College, Madurai.
21. Panel Member in Interview -Selection Board to conduct interview for the post of part time PGT teacher in KENDRIYA VIDYALAYA School , Narimedu ,Madurai on 17.02.2020.

CONFERENCE/WORKSHOPS/LECTURES ORGANIZED

DETAILS	FROM	TO
Organizing Secretary , ICSSR SPONSORED National Conference On ICT – A Catalyst Of Change For Transforming Teaching , Learning & Research In Commerce, Computer Science & Management Education, Lady Doak College, Madurai.	09/01/2014	10/01/2014
Coordinator , State Level Workshop On Big Data Analysis, Mining And Tools Organized By Department Of Computer Science ,Lady Doak College Madurai.	27/02/2015	-
Organizing Secretary International Conference on New Frontiers in Mathematics and Computing “ ICNFMC’19 in collaboration with Mathematics Department Lady Doak College , Madurai.	18/02/2019	19/02/2019
Organizer , One Day National Workshop on “The Next Age Teaching Technology - More Human than Ever” at Lady Doak College, Madurai.	20/02/2019	-

CONFERENCE/WORKSHOPS/ PRESENTED

S.NO	TITLE	CONDUCTED BY	FROM	TO
1	Empowerment Of Women Through Information Technology	Govindammal Arts College Fro Women, Coimbatore.	19/09/2003	19/09/2003
2	Neural Networks And Its Applications	Dept. of Computer Science, Sri Sarada College For Women, Salem.	15/02/2004	15/02/2004
3	Image Segmentation Using Fuzzy C-Mean	Dept. of Computer Science, Arul Anandar College, Karumathur.	19/01/2007	19/01/2007
4	Intelligent Decision Support System	National Conference Organized By American College, Madurai.	15/03/2008	15/03/2008
5	Automatic Detection Of Cancerous Masses Using Genetic Algorithm And SOM Based Clustering	International Conference Organized By P.S.G. Women`S College ,Peelamedu, Coimbatore.	30/09/2008	30/09/2008
6	Obstacle Identification In Railway Track Using Fuzzy C-Means Lustering And Texture Based Segmentation-Paper Authored:	National Conference “Advanced Pattern Mining And Multimedia Computing “,NIT, Trichy.	25/02/2010	26/02/2010
7	An Efficient Edge Detection Algorithm For Segmenting ROI Based On CCL For Satellite Images	International Conference On Information And Communication Technology, TSM, Madurai.	16/12/2010	17/12/2010
8	Highways Extraction Form High Resolution Satellite Images Using Mathematical Morphology	UGC Sponsored State Level Seminar On Recent Research Trends In Computer Science Department Of Computer Science, Sri.S.Ramasamy Naidu Memorial College, Satur.	27/01/2011	-
9	An Efficient Algorithm To Restore The Edges Of Satellite Images	UGC Sponsored National Conference On Emerging Computing Paradigms M.V.M.	25/02/2011	--

		Government Arts College For Women, Dindugul.		
10	Efficient Color Image Sharpening Algorithm Of Satellite Images Using Filters In Frequency Domain Processing	UGC Sponsored National Conference On Emerging Computing Paradigms M.V.M. Government Arts College For Women, Dindugul.	25/02/2011	--
11	Salt And Pepper Noise Removal In Images Using Mathematical Morphology	UGC Sponsored National Conference On Emerging Computing Paradigms M.V.M. Government Arts College For Women, Dindugul.	25/02/2011	--
12	Object Extraction By Edge Detection	National Conference On Emerging Trends In Software Technologies ,Arul Anandar College ,Madurai.	10/03/2011	11/03/2011
13	Color Image Segmentation Of ROI In Satellite Image Using Edge Detection And Morphological Processing	National Level Conference On Emerging Trends In Software Technologies, Arul Anandar College, Madurai.	10/03/2011	11/03/2011
14	1.A Comparative Case Study Of Color Image Smoothing In Various Color Spaces And Detection Of Edges 2.Extraction Of Affected Area By Tsunami Using RGB Color Analysis And Morphological Operation 3.Segmentation Of ROI In Satellite Images Using Fuzzy C-Means	DRDO Sponsored Fifth National Conference On HI-Tech Trends In Emerging Computational Technologies, , Sethu Institute Of Technology, Madurai. Paper Co Author	22/03/2011	23/03/2011
15	A Comparative Case Study Of Color Image Smoothing In Various Color Spaces And Detection Of Edges	DRDO Sponsored 5 th National Conference On HI-Tech Trends In Emerging Computational Technologies, Department Of Computer Science And Engineering ,SIT ,Madurai.	22/3/2011	23/3/2011
16	Image Analysis By RGB Color Analysis And Morphological Operations	DRDO Sponsored 5 th National Conference On HI-Tech Trends In Emerging Computational Technologies, Department Of Computer Science And Engineering ,SIT ,Madurai.	22/03/2011	23/03/2011
17	Segmentation Of ROI In Satellite Images Using Fuzzy C-Means	DRDO Sponsored 5 th National Conference On HI-Tech Trends In Emerging Computational Technologies, Department Of Computer Science And Engineering ,SIT ,Madurai.	22/03/2011	23/03/2011
18	Shadow Detection In Color Images Using Morphological Operations	International Conference On "Emerging Trends In Research" Organized By Quality Circle For Research ,T.B.A.K College For Women, Kilakarai.	12/04/2011	--
19	Sharpening Of Color Images In Frequency Domain And Detection Of ROI Using Morphological Mathematical Property	CSIR Sponsored National Conference On Knowledge Discovery , Knowledge Engineering And Knowledge Management	27/03/2012	28/03/2012
20	Object Recognition From High Resolution Satellite Images Using Mathematical Morphology	International Conference On "Emerging Trends In Research" Organized By Quality Circle For Research ,T.B.A.K College For Women, Kilakarai.	12/04/2012	-
21	Image Enhancement ,Segmentation And Restoration Of A Color Image Using Mathematical Morphological Processing	National Conference On Recent Trends In Computing Technologies- 2K13	14/03/2013	-

		Department. of computer Science, Arul Anandar College, Madurai.		
22	Multimedia Learning Material And Its Quality Assessment Techniques In Computer Science	ICSSR SPONSORED National Conference On ICT – A Catalyst Of Change For Transforming Teaching , Learning & Research In Commerce, Computer Science & Management Education, Lady Doak College , Madurai	09/01/2014	10/01/2014
23	A Novel Approach To Identify The Presence Of Noise In Underwater Sea Images	AICTE Sponsored International Conference On HI-TECH Trends In Emerging Computational Technologies	20/02/2014	21/02/2014
24	Detection Of Objects In Underwater Sea Images Using Morphological Processing	National Conference On Recent Trends In Networking And Communication	27/02/2014	28/02/2014
25	An Overview Of Image Steganography In Image Processing	ICETET`17 ,Pandian Saraswathi Yadav Engineering College, Sivagangai.	10/03/2017	11/03/2017
26	Rough Topology And Its Applications	International Conference(ICONNECT-2k17), K.Ramakrishnan College of Technology, Trichy.	28/03/2017	29/03/2017
27	Rough Set Approach For Mammogram Dataset	National Conference On Recent Trends In Computing NCRTC`17, CS Dept.,T.B.A.K College For Women ,Kilakarai.	01/04/2017	-

CONFERENCES/SEMINARS/SYMPOSIUM/WORKSHOPS PARTICIPATED

SEMINAR				
S.NO	TITLE	CONDUCTED BY	FROM	TO
1	PC Based Instrumentation	Department of Physics , Lady Doak College, Madurai.	01/01/2003	--
2	Pattern Reorganization	Department of Physics , Lady Doak College, Madurai.	01/01/2004	--
3	Mobile Computing	Lady Doak College, Madurai.	31/08/2007	--
4	Higher Education For Holistic Development Admist Contemporary Challenges	Lady Doak College, Madurai.	31/01/2008	02/02/2008
5	Image Processing Using VC++	Lady Doak College, Madurai.	20/11/2006	--
6	Embedded System And V3 Logic	MEPCO Engineering College, Sivakasi.	12/02/2003	--
7	Seminar On Higher Education Initiative For Tamil Nadu	ICT Academy of Tamil Nadu, Chennai.	21/07/2010	--
8	National Seminar On Machine Learning And Soft Computing	K.L.N. College of Engineering ,Madurai.	28/12/2010	--
9	UGC Sponsored National Level Seminar On Research Issues In Computer Applications	Sri Meenakshi Government College For Women College ,Madurai.	08/01/2011	--
10	Seventh National Seminar On Research Issues In Digital Image Processing	Mepco Schlenk Engineering College, Sivakasi.	15/03/2014	-

11	One Day Workshop Cum Training On Digital Image Processing Using SCILAB	Department of Computer Science, Lady Doak College, Madurai.	5/08/2014	-
12	National Workshop On Image & Video Processing With Matlab	Department of Computer Science, Mother Teresa Women`s University, Kodaikonnal.	26/09/2013	28/09/2013
13	UGC Sponsored National Workshop On MATLAB	Department of Computer Science ,M.V.M Govt. Arts College For Women, Dindigul.	25/02/2016	-
14	One Day Workshop On Research Methodology In Computer Science & Information Technology	Madurai Kamaraj University, Madurai.	16/12/2016	-

CONFERENCE

S.NO	TITLE	CONDUCTED BY	FROM	TO
1	National Conference On Computer Science And Informatics	St. Josephs College, Trichy.	18/02/2005	19/02/2005
2	Challenges Of Higher Education And Future Direction For Autonomous Colleges	(LDC- UGC-Sponsored)- Lady Doak College, Madurai.	23/09/2004	25/09/2004
3	Higher Education For Holistic Development Amidst Contemporary Challenges	Lady Doak College, Madurai.	31/01/2008	02/02/2008
4	Oracle Higher Education Initiative For Tamilnadu	ICT Academy of Tamilnadu , Chennai.	27/1/2010	--
5	National Conference On Competence Building In Higher Education Trends & Challenges “	Lady Doak College , Madurai.	30/09/2011	01/10/2011
6	ICTACT BRIDGE-2011(Focus On Skills For Future And Innovation)	ICT Academy of Tamilnadu, Chennai.	16/02/2011	--
7	ICTACT BRIDGE (Focus On Employability Skills)	ICT Academy of Tamilnadu, Chennai-Hotel Sangam, Madurai.	20/10/2011	--
8	National Conference On Competence Building In Higher Education – Trends And Challenges	Lady Doak College , Madurai.	30/09/2011	01/10/2011
9	International Conference On Many Species, One Planet For Posterity, 2012	Lady Doak College, Madurai.	11/01/2012	13/01/2012
10	ICTACT BRIDGE (Focus On Entrepreneurship & Incubation)	ICT Academy of Tamilnadu, Chennai.	22/02/2012	--
11	ICTACT BRIDGE 2012-Teach Track	ICT Academy of Tamilnadu, Chennai-Hotel Sangam, Madurai.	31/10/2012	--
12	National Conference On ICT - A Catalyst Of Change For Transforming Teaching, Learning & Research In Commerce, Computer Science & Management Education	Department of Commerce, Computer Science & Business Administration, Lady Doak College, Madurai.	09/01/2014	10/01/2014
13	A Novel Approach To Identify The Presence Of Of Noise In Underwater Sea Images	International Conference On Hi-Tech Trends In Emerging Computational Technologies.	20/02/2014	21/02/2014
14	Multimedia Learning Material & Its Quality Assessment Techiques In Computer Science	ICT-A Catalyst of Change For Transforming Teaching, Learning &	09/01/ 2014	10/01/2014

		Research In Commerce, Computer Science & Management Education.		
15	International Conference on "Fostering India for Industry 4.0"	ICT Academy of Tamilnadu,Chennai.	31/01/2019	-

WORKSHOP

S.NO	TITLE	CONDUCTED BY	FROM	TO
1	Internet Concepts & Tools	T.B.A.K.College,Kilakarai,Ramnad(Dt)	20/9/1996	20/09/1996
2	Neural Network & Fuzzy Logic	Lady Doak College, Madurai.	01/01/2003	--
3	Embedded System & V3 Logic	MEPCO Engineering College,Sivakasi.	12/02/2003	--
4	Data Mining & Warehousing	Parasakthi Arts College,Kuttralum.	01/01/2003	--
5	Current Trends In Image Processing And Algorithms	American College, Madurai.	20/02/2006	20/02/2006
6	Train The Trainers	ELCOT, Chennai.	08/12/2006	09/12/2006
7	Gender Just Education	Center For Women Studies, Lady Doak College, Madurai.	17/11/2005	19/01/2005
8	Training On Digital Image Processing	Department of Computer Science, Lady Doak College, Madurai.	09/04/2008	11/04/2008
9	Training Programme On J2EE And Best Practices In Application Development	ICT Academy of Tamilnadu In Association With CTS,TCS Held At MKU, Madurai.	27/08/2009	28/08/2009
10	Academic Audit	Lady Doak College, Madurai.	15/09/2010	16/09/2010
11	Backword Design : Principles And Practices For Curricular And Course Design For Enhancing Student Learning	CHRD, Lady Doak College, Madurai.	5/01/2011	6/01/2011
12	J2EE	Department of Computer Science, Lady Doak College, Madurai.	18/01/2011	21/01/2011
13	Towards A More Effective Teaching-Learning-Testing Process-Underlying Assumptions & Practices	Lady Doak College, Madurai.	19/06/2012	21/06/2012
14	Research Trends In Data Mining Using WEKA	Department of Computer Science, Lady Doak College, Madurai.	31/01/2013	-
15	One Day Workshop On Research Methodology For Ph.D Scholars	Mother Teresa Women`S University, Kodaikanal.	27/08/2013	-
16	Nationalworkshop On "Image & Video Processing With Matlab"	Mother Teresa Women`S University, Kodaikanal.	26/09/2013	28/09/2013
17	Skilling The New Mantra	Dream Zone, Madurai	25/10/2013	-
18	Workshop On Research Trends In Cloud Computing	Department of Computer Science ,Lady Doak College, Madurai.	18/03/2014	-
19	One-Day Workshop Faculty Development Programme On Digital Image Processing Using SCILAB	Department of Computer Science ,Lady Doak College, Madurai.	05/08/2014	-
20	State Level Workshop On Big Data Analysis, Mining And Tools	Department of Computer Science ,Lady Doak College, Madurai.	27/02/2015	-

21	Two Days Workshop on IPPR'15 Image Processing And Pattern Recognition-Research	Department of ECE,Thiyagarajar College Of Engineering Madurai.	20/03/2015	21/03/2015
22	Hadoop Horton Works	KLN College of Engineering, Madurai,& ICTACT.	01/02/2017	03/02/2017
23	Workshop For " IOT Applications using TI CC3200 ARM Processor , in colloration with Texas Instuments (STEPS KNOWLEDGE SERVICES Pvt , Ltd , Coimbatore)	Department of Computer Science ,Lady Doak College, Madurai.	23/08/2019	24/08/2019

PAPERS PRESENTED

S.NO	TITLE	CONDUCTED BY	FROM	TO
1	Empowerment of Women Through Information Technology	Govindammal Arts College Fro Women, Coimbatore.	19/09/2003	19/09/2003
2	Neural Networks And Its Applications	Dept. of Computer Science, Sri Sarada College For Women, Salem.	15/02/2004	15/02/2004
3	Image Segmentation Using Fuzzy C-Mean	Dept. of Computer Science, Arul Anandar College, Karumathur.	19/01/2007	19/01/2007
4	Intelligent Decision Support System	National Conference Organized By American College, Madurai.	15/03/2008	15/03/2008
5	Automatic Detection of Cancerous Masses Using Genetic Algorithm And SOM Based Clustering	International Conference Organized By P.S.G. Women's College ,Peelamedu, Coimbatore.	30/09/2008	30/09/2008
6	Obstacle Identification In Railway Track Using Fuzzy C-Means Clustering And Texture Based Segmentation-Paper Authored:	National Conference "Advanced Pattern Mining And Multimedia Computing ",NIT, Trichy.	25/02/2010	26/02/2010
7	An Efficient Edge Detection Algorithm For Segmenting ROI Based On CCL For Satellite Images	International Conference On Information And Communication Technology, TSM, Madurai.	16/12/2010	17/12/2010
8	Highways Extraction Form High Resolution Satellite Images Using Mathematical Morphology	UGC Sponsored State Level Seminar On Recent Research Trends In Computer Science Department Of Computer Science, Sri.S.Ramasamy Naidu Memorial College, Satur.	27/01/2011	-
9	An Efficient Algorithm To Restore The Edges Of Satellite Images	UGC Sponsored National Conference On Emerging Computing Paradigms M.V.M. Government Arts College For Women, Dindugul.	25/02/2011	--
10	Efficient Color Image Sharpening Algorithm Of Satellite Images Using Filters In Frequency Domain Processing	UGC Sponsored National Conference On Emerging Computing Paradigms M.V.M. Government Arts College For Women, Dindugul.	25/02/2011	--
11	Salt And Pepper Noise Removal In Images Using Mathematical Morphology	UGC Sponsored National Conference On Emerging Computing Paradigms M.V.M. Government Arts College For Women, Didugul.	25/02/2011	--

12	Object Extraction By Edge Detection	National Conference On Emerging Trends In Software Technologies ,Arul Anandar College ,Madurai.	10/03/2011	11/03/2011
13	Color Image Segmentation Of ROI In Satellite Image Using Edge Detection And Morphological Processing	National Level Conference On Emerging Trends In Software Technologies, Arul Anandar College, Madurai.	10/03/2011	11/03/2011
14	1. A Comparative Case Study Of Color Image Smoothing In Various Color Spaces And Detection Of Edges Paper Co Author 2. Extraction Of Affected Area By Tsunami Using RGB Color Analysis And Morphological Operation 3. Segmentation Of ROI In Satellite Images Using Fuzzy C-Means	DRDO Sponsored Fifth National Conference On HI-Tech Trends In Emerging Computational Technologies, Sethu Institute Of Technology, Madurai.	22/03/2011	23/03/2011
15	A Comparative Case Study Of Color Image Smoothing In Various Color Spaces And Detection Of Edges	DRDO Sponsored 5 th National Conference On HI-Tech Trends In Emerging Computational Technologies, Department Of Computer Science And Engineering ,SIT ,Madurai.	22/03/2011	23/03/2011
16	Image Analysis By RGB Color Analysis And Morphological Operations	DRDO Sponsored 5 th National Conference On HI-Tech Trends In Emerging Computational Technologies, Department Of Computer Science And Engineering ,SIT ,Madurai.	22/03/2011	23/03/2011
17	Segmentation Of ROI In Satellite Images Using Fuzzy C-Means	DRDO Sponsored 5 th National Conference On HI-Tech Trends In Emerging Computational Technologies, Department Of Computer Science And Engineering ,SIT ,Madurai.	22/03/2011	23/03/2011
18	Shadow Detection In Color Images Using Morphological Operations	International Conference On “Emerging Trends In Research” Organized By Quality Circle For Research ,T.B.A.K College For Women, Kilakarai.	12/4/2011	--
19	Sharpening Of Color Images In Frequency Domain And Detection Of ROI Using Morphological Mathematical Property	CSIR Sponsored National Conference On Knowledge Discovery , Knowledge Engineering And Knowledge Management	27/03/2012	28/03/2012
20	Object Recognition From High Resolution Satellite Images Using Mathematical Morphology	International Conference On “Emerging Trends In Research” Organized By Quality Circle For Research ,T.B.A.K College For Women,Kilakarai.	12/04/2012	-
21	Image Enhancement ,Segmentation And Restoration Of A Color Image Using Mathematical Morphological Processing	National Conference On Recent Trends In Computing Technologies- 2K13 Dept.Ofcomputer Science,Arul Anandar College, Madurai.	14/03/2013	-
22	Multimedia Learning Material And Its Quality Assessment Techniques In Computer Science	ICSSR SPONSORED National Conference On ICT – A Catalyst Of Change For Transforming Teaching , Learning & Research In Commerce,	09/01/2014	10/01/2014

		Computer Science & Management Education, Lady Doak College, Madurai		
23	A Novel Approach To Identify The Presence Of Noise In Underwater Sea Images	AICTE Sponsored International Conference On HI-TECH Trends In Emerging Computational Technologies	20/02/2014	21/02/2014
24	Detection Of Objects In Underwater Sea Images Using Morphological Processing	National Conference On Recent Trends In Networking And Communication	27/02/2014	28/02/2014
25	An Overview Of Image Steganography In Image Processing	ICETET`17, Pandian Saraswathi Yadav Engineering College, Sivagangai.	10/03/2017	11/03/2017
26	Rough Topology And Its Applications	International Conference (ICONNECT-2k17), K. Ramakrishnan College Of Technology, Trichy.	28/03/2017	29/03/2017
27	Rough Set Approach For Mammogram Dataset	National Conference On Recent Trends In Computing NCRTC`17, Department Of Computer Science, T.B.A.K College For Women, Kilakarai.	01/04/2017	-

MEMBERSHIP

1	Board Of Studies Meeting -Economics Department, Lady Doak College, Madurai.	Inside
2	Question Setting Board-Manonmaniyam Sundaranar University, Tirunelveli.	Outside
3	Boards Of Study Meeting University Representee -IT Department(UG) ,Yadava College, Madurai.	Outside
4	External Examiner - Paper Setting & Valuation -MCA, Meenakshi College, Madurai.	Outside
5	External Examiner - Paper Setting & Valuation -Madura College, Madurai.	Outside
6	External Examiner - Paper Valuation - Thiyagarajar College , Madurai.	Outside
7	External Examiner - Paper Setting & Valuation - Fathima College , Madurai.	Outside
8	External Examiner - Paper Setting & Valuation -SFR College, Sivakasi.	Outside
9	External Examiner - Paper Valuation -Yadava Womens College , Madurai.	Outside
10	Interview Panel - Kendra Vidhyalayaa School, Madurai.	Outside
11	Board Of Studies Meeting -B.Com With Computer Application-Fathima College, Madurai.	Outside
12	Youth Redcross, Lady Doak College, Madurai.	Inside
13	CPEC Committee, Lady Doak College, Madurai.	Inside
14	ISO Internal Auditor, Lady Doak College, Madurai.	Inside
15	Senatus , Lady Doak College, Madurai.	Inside
16	External Examiner - Paper Setting , Valuation, Project Viva-UG & PG Computer Science Department, Vivekananda College, Thiruvudagam.	Inside
17	ICTACT , Coordinator , Lady Doak College, Madurai.	Inside
18	CPE Planning Committee (Remedial Coaching), Lady Doak College, Madurai.	Inside
19	Peer Team Visiting IT Department ,Yadhava College, Madurai For NAAC Reaccreditation.	Outside
20	External Examiner - Paper Setting & Valuation , Madurai Kamaraj University, Madurai.	Outside
21	Board Of Studies Meeting , Computer Science Department, Vivekananda College, Thiruvudagam.	Outside

22	Awards Committee, Academic Council Meeting, Lady Doak College, Madurai.	Inside
23	Value Education, Lady Doak College, Madurai.	Inside
24	Subject Expert – Board Of Studies Meeting , Department Of Computer Science, Thassim Beevi Abdul Kader College For Women, Kilakarai.	Outside
25	Subject Expert – Board Of Studies Meeting , Department Of Information Technology , EMG Yadava Women`S College Madurai.(20/12/2013).	Outside
26	Subject Expert – Board Of Studies Meeting , Department Of Computer Science, Vivekanada College, Tiruvedagam, Madurai.(07/01/2015).	Outside
25	External Examiner Practical Examination, Srt S.Ramasamy Naidu Memorial College,Sattur.10/04/2017and 12/04/2017.	Outside
26.	Board of Studies , Department of Computer Science, Arul Anandar College,Madurai on 21/02/2019.	Outside

TRAINING COURSES ATTENDED

S.NO.	TOPIC	CONDUCTED BY	FROM	TO
1	Training In VC++	Department of Computer Science, Lady Doak College, Madurai.	01/09/2001	29/09/2001
2	Training In Multimedia	Department of Computer Science, Lady Doak College,Madurai.	01/01/2004	--
3	Training In VC++	Department of Computer Science, Lady Doak College, Madurai.	25/09/2003	31/10/2003
4	Intel Innovation In Education-Master Trainer	Lady Doak College, Madurai.	06/01/2003	
5	Training In PC Based Instrumentation	Department of Physics, Lady Doak College, Madurai..	01/01/2003	--
6	Training In Linux Programming	Department of Computer Science, Lady Doak College, Madurai.	22/11/2004	11/12/2004
7	Training In LINUX, SSI Madurai. Completed Course With Examination	Department of Computer Science ,Lady Doak College, Madurai.	01/05/2005	--
8	Training In Image Processing Using VC++	Department of Computer Science, Lady Doak College, Madurai.	19/11/2006	14/12/2006
9	Training The Trainer Programme- ELCOT, Chennai.	M/S Scope International Private Ltd, Chennai.	08/12/2006	08/12/2006
10	Training On Digital Image Processing	Department of Computer Science, Lady Doak College, Madurai.	09/04/2008	11/04/2008
11	Workshop On Matlab	Department of Computer Science, Lady Doak College,Madurai.	11/07/2008	12/07/2008
12	Training On Maya	Department of Computer Science, Lady Doak College,Madurai.	04/02/2009	26/02/2009
13	PC Hardware Training	Department of Computer Science, Lady Doak College , Madurai.	01/03/2010	13/03/2010
14	RIPPLE	CTS,Chennai-ICTACT,Chennai.	30/06/2011	01/07/2011
15	FDP-Project Management Concepts, PMI-Educational Foundation	CTS, Chennai, ICTACT Chennai.	30/01/2012	31/01/2012

16	Training In Certificate In Java Programming “ICTACT,Chennai	PSNA Engineering College, Dindugal.	29/08/2012	01/09/2012
17	Training In LINUX,SSI Madurai.	Department of Computer Science,, Lady Doak College, Madurai.	01/05/2005	--
18	Master Trainer Program(Global Business Foundation Skills)	ICT Academy of Tamilnadu, Chennai-Lady Doak College, Madurai.	03/01/2013	05/01/2013
19	IBM THINK SMART EVENT-IBM Cloud Services Through Smart Desktop	IBM, Chennai-7.00 PM – Hotel Sangam, Madurai.	16/09/2012	--
20	Five Days FDP On Cloud Infrastructure And Services	ICTACT,Chennai.	25/02/2013	01/03/2013
21	One Day Workshop On Research Trends In Cloud Computing	Department of Computer Science, Madurai.	05/03/2013	-
22	40 Hours Professional Development Course On Java Fundamentals And Java Programming	Oracle Academy ,Chennai.	12/04/2013	-
23	One Day Training Programme On Communicative English	Department of English, Madurai.	27/06/2013	-
24	Training On UBUNTU OS-LINUX	Department of Computer Science,Lady Doak College, Madurai.	14/08/2013	19/08/2013
25	One Day FDP On FOSS	Department of Computer Science And Engineering , Thiyagarajar College Of Engineering,Madurai.	07/09/2013	-
26	Training On Android Application And Development	Department of Computer Science ,Lady Doak College,Madurai.	18/09/2013	-
27	Training On Web Analytics	Department of Computer Science And Kalvi Groups, Madurai.	22/07/2014	30/07/2014
28	Digital Image Processing Using Scilab	Department of Computer Science Lady Doak College,Madurai.	05/08/2014	--
29	Training On "Web Analytics"	Department of Computer Science, Lady Doak College,Madurai.	22/07/2014	25/07/2014
30	C# Using .NET	Kalvi Institute (Online Certification),Madurai.	29/05/2015	30/05/2015
31	Training On Moodle	Lady Doak College,Madurai.	22/01/2016	23/01/2016
32	DST Sponsored – 10 days Training Programme on Bog Data Analytics	Big Data Initiatives Division (BDI),Department of Science and Technology(DST) Govt. Of India and Department of India and Department of Information Technology , PSNA College of Engineering and Technology , Dindigul.	18/05/2016	27/05/2016
33	Program on Skill Development for Employability of Students	Principals Meeting with officials from Infosys BPO Ltd., Bangalore and HCL Talentcare Private Limited , Chennai (ICTACT , Chennai).	29/09/2016	-
34	FDP on C# and ADO.NET Programming	Vellammal College of Engineering and Technology , Madurai (ICTACT Chennai).	25/12/2016	27/12/2016
35	FDP on Data Science & Big Data Analytics	Kamaraj College of Engineering and Technology Viruthunagar.	11/07/2017	12/07/2017
36	FDP on Introduction to Python Programming	KLN College of Engineering, Madurai.	28./2/2018	29./2/2018
37	Traing on “Cloud Master 2019”	KLN College of Engineering, Madurai.	17/05/2019	-

38	Developing and Deploying Machine Learning and Deep Learning Algorithms using MATLAB & Simulink	Department of Computer Science , Lady Doak College, Madurai ,(Design Tech system Ltd , Coimbatore).	08/07/2019	-
39	FDP on Python Programming	Department of Computer Science , Lady Doak College, Madurai.	26/08/2019	30/08/2019

CERTIFICATION EXAM PASSED

1. Completed Course on LINUX In May 2005 And Obtained A Grade Exam Conducted By SSI Education , Madurai.
2. Completed 40 Hours of Professional Development For “ JAVA Fundamentals And Java Programming” –Oracle Academy on 01/02/2014.
3. Google Analytics Academic Course- E-Commerce Analytics : From Data To Decisions (July 2014) Certified by Goggle (International Level).
4. Successfully Completed EMC Academic Associate ,Cloud Infrastructure And Services (01/08/2014) Certified by EMC² (International Level).
5. Successfully Completed Microsoft Technical Associate ,Introduction To C# Programming (International Level),30/04/2015.
6. Certified As EMC Academic Associate Data Science And Big Data Analytics, By EMC Education Services,EMC² Bangalore,ICTACT,Chennai,15/07/2016. (International Level) .

