DEPARTMENT OF INFORMATION TECHNOLOGY

Name: Dr. D. MURUGA RADHA DEVI	Photo:
Designation:	Professsor
Qualification :	B.E,M.E,Ph.D.,
Area of Specialization :	Big Data Analytics and Machine Learning
Experience :	Teaching Experience : 27 Years 8 months
	Industrial Experience : NIL
No. of workshop / Conferences / FDP attended :	Workshop : 12 FDP : 22
No. of workshop / Conferences / FDP organized:	Workshop : 2 FDP :- National Conference : -
Publication :	Journal: 　　　　National : 2 　　　　International: 8 Conference 　　　　National : 9 　　　　International : 9
General:	1. NPTEL Discipline star for the Period Jan-2021 to April 2021
Membership in Professional Bodies	1. IEEE 2. CSI 3. IEI (M – 163501-2) 4. IAENG (205282) 5. ISTE (LM- 128101)

Particulars of Educational Qualification :

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% / Grades obtained / Ph.D. Awarded	Class obtain-ned
U.G.	B.E.,	Computer Science and Engineering	1994	Periyar Maniammai College of Technology for Women	Bharathidasan University	70%	First
P.G.	M.E.,	Computer Science and Engineering	2001	Sathyabama Engineering College	University of Madras	80%	First
Ph.D	Ph.D	Computer Science and Engineering	2016	Sathyabama University	Sathyabama University	Yes	

Academic Experience   :

Name of the College	Designation	Joining Date	Relieving Date	Experience
Bharath Engineering College	Lecturer	8.6.1994	20.6.1996	2
Sathyabama Engineering College	Lecturer	24.6.1996	31.5.2002	6
St.Mary's School of Management Studies	Assistant Professor	1.6.2002	31.5.2014	12
Sri Sairam Institute of Technology	Assistant Professor	16.6.2014	04.1.2015	6 months
	Associate Professor	5.1.2015	1.1.2016	1 year
	Professor	02.01.16	TILL DATE	6 years & 1 2 months
Total				27 Years 8 months

Publication Details

International Journals:

- D.Muruga Radha Devi, P. Thambidurai, " Similarity Search in Recent Biased Time Series Analysis" in International Journal on Information Sciences and Computing which is published by Sathyabama University, Vol 5, No: 2 , July 2011, pp: 37-46, ISSN 0973 - 9092

- D.Muruga Radha Devi, P. Thambidurai, " Similarity Search in Recent Biased Data using Sliding windows" in International Journal of Data Mining and Knowledge Engineering which is published by CIIT, Coimbatore, Vol 4 No:2, February 2012, pp: 75-81, ISSN 0974 - 9578.

- D.Muruga Radha Devi, P. Thambidurai, "Clustering Based Similarity Measurement Model for Recent Biased Time series Databases", in International Journal on Computer Science and Information Technology which is published by Trans stellar Journal Publications, Vol 3 No:3, August 2013, pp: 345-352, ISSN 2249 - 7943.

- D.Muruga Radha Devi, P. Thambidurai, "Recent Survey on Clustering Methods For Time series Databases", in International Journal of Applied Engineering Research which is published by Research India Publications, Vol 10 No:75, 2015, pp: 232 -239, ISSN 0973 - 4562.

- D.Muruga Radha Devi, P. Anuja1 , R. Anusha2, Dharshini Modia3, "Electronic Toll Collection Using Automatic Number Plate Recognition , International Journal of Latest Trends in Engineering and Technology, Special Issue NCRTCC 2017, pp.001-005,e-ISSN:2278-621X.

- D.Muruga Radha Devi, V.Prabha " IOT based Low End Automotive Drive Recorder as Black Box", Think India Journal(UGC), Vol-22, No:14, December 2019, ISSN: 0971-1260.

- Sharmila, P. 1 ; Rekha, C. 1 ,D. Muruga Radha Devi, 1 ; Revathi, K. P. 2 ; Sornalatha, K. 2 ; Hybrid Feature Extraction and Classification for Alzheimer's Disease Detection, Journal of Computational and Theoretical Nanoscience, American Scientific Publishers, Volume 17, Number 12, December 2020, pp. 5577-5581(5), **DOI:** https://doi.org/10.1166/jctn.2020.9455

- P.Leela Jancy, Iwin Thanakumar Joseph.S. J.Shiny Duela, D.Muruga Radha Devi, Diabetic Retinopathy Diagnosis in OCT images using Convolutional Neural Network,

National Journals:

■ D.Muruga Radha Devi, P. Thambidurai, " Querying in Recent Biased Data using adaptive stream processing" in National Journal on Advances in Computing and Management which is published by Sathyabama University, Vol 3 No: 1, April 2012 , pp: 22-31, ISSN 0975 –7295.

■ D.Muruga Radha Devi, P. Thambidurai, "Similarity measurement in Recent Biased Time series Databases using Clustering methods" , in Indian Journal of Science and Technology Informics India Ltd., Bangalore, Vol 7 No:2, February 2014,.

PAPERS PRESENTED – INTER NATIONAL CONFERENCE:

S.No	Conference	Title & Index	Held on	Place
1.	IEEE sponsored International Conference on Communication, Computing and IOT	Patient History Tracking using LBPH Algorithm	10th & 11th March 2022	Sri Sairam Engineering College, Chennai
2.	International conference on Chip,Circuitry,Current,Coding, Combustion and Composites	IOT based Low end Automotive Drive recorder as Black box	28th & 29th November 2019	Sri Sairam College of Engineering, Bengaluru
3.	International Conference on Contemporary Engineering and Technology	Students Attendance Marking System using Face Recognition	10th March 2018	Prince Shri Venkateswara Padmavathy Engineering College, Chennai
4.	International Conference on Smart Structures and Systems	Data Analysis Classification based on context to the content extraction in heart disease dataset	28th March 2018	Saveetha Engineering College, Chennai
5.	International Conference on Computing and Information Technology ICCIT'15	Recent Survey on Clustering Methods For Time series Databases	13th & 14th August 2015	Sairam Institute of Technology

6.	International Conference on Mathematical Computer Science and Engineering - **ICMCE 2013**	"Similarity measurement model based on clustering methods for Recent-biased Time series Databases", pp: 791-799, ISBN No: 978-93-82338-89-5.	Nov 29 & 30 2013	VIT University, Chennai
7.	International conference on Emerging Trends in Robotics and Communication Technologies - **INTERACT 2010**	*"Similarity search in Recent Biased Time Series Databases using Vari-DWT and Polar Wavelets* ",, pp: 398-404, Paper indexed in IEEE explore, ISBN No: 978-1-4244-9004-2.	Dec 3-5, 2010	Sathyabama University in association with IEEE, Chennai
8	International conference on Emerging Trends in Computing - A Celebration of Women in Computing – **A2CWIC 2010**	*"Adaptive Dimensionality Reduction for Recent Biased Time Series Analysis",* pp: 402-408, Paper indexed in ACM Digital Library, ISBN No: .978-1-4503-0194-7	Sep 16th & 17th 2010	Amrita University in association with ACM-W, Coimbatore
9	International Conference on Trends in Information Sciences and Computing - **TISC'07**	**"***Enhanced Adaptive Dimensionality Reduction for indexing Large Time series Databases"*	Dec 12 -14, 2007	Sathyabama University in association with TCS (Tata Consultancy Services)

PAPERS PRESENTED – NATIONAL CONFERENCE

S.No	Conference	Title & Index	Held on	Place
1.				
2.	National Conference on Recent Trends in Computing and Information Technology	Disease prediction using Machine Learning	7th March 2019	Sri Sairam Institute of Technology
3.	National Conference on Recent Trends in Computing and Communication NCRTCC'17	Electronic Toll Collection using Automatic Number Plate Recognition	23rd March 2017	Sri Sairam Engineering College
4.	National Conference on Recent Trends in Computing and Technology NCRTCT'16	A novel case based Recommendation approach for big data broadcasting	29th April 2016	Sri Sairam Engineering College

5.	National conference on Soft Computing – SOFTCOMP'11	" Similarity Search in Recent Biased Time Series Databases ", Indexed in elixir online journal , August 2011 issue, No: 38, pp:4524-4529, ISSN 2229-712X.	22 - 23rd July 2011	VIT University, Vellore
6.	National conference on Intelligent Information Retrieval **NCIIR 2010**	*"Adaptive Framework for Recent Biased Time Series Analysis",* pp: 73 – 79.	Sep 24th & 25th 2010	PSG College of Technology, Coimbatore
7.	Recent Trends and Technologies in Soft Computing – **NCRTSC10**	*"Generalized Adaptive framework for dimensionality reduction in Recent biased Time Series Analysis",* pp: 116 – 124	July 15th 2010	St. Peters Engineering College , Chennai
8.	National conference on Computing concepts in Current Trends – **NCCIT10**	*" Adaptive framework for dimensionality reduction in Recent biased Time Series Analysis",* pp: 7 – 12	July 30 & 31 2010	Sathyabama University, Chennai
9.	National Conference on Recent Trends in Computer Science and Engineering – **NCRTCSE10**	"Generalized Adaptive framework for dimensionality reduction in Recent biased Time Series Analysis", pp: 40 – 48	March 6th & 7th 2010	Sathyabama University, Chennai

WORKSHOPS/SEMINARS ATTENDED:

Workshops Attended

S.No	Workshop on	Held on Date	Place
1	National level workshop on MATLAB	24th and 25th 2009	DG Vaishnav College
2	National Level Workshop on Application of Logic	OCT 24th 2009	Sathyabama University
3	National Level Workshop on Computational Intelligence	June 24th 2010	Sathyabama University

4	National level workshop on Research Problem Formulation and Output Documentation	Aug 13th 2010	Sathyabama University
5.	Advanced concepts and Hands-on Training using MATLAB	7th & 6th July 2011	Sathyabama University
6.	Paraphrasing and Preventing Plagiarism	13th July 2013	Sathyabama University
7.	Wireless Sensor Networks and Interconnection networks	30th November 2013	VIT, Chennai
8.	Engineering Appliocation of MATLAB	8th January 2014 – 10th January 2014	Sathyabama University
9.	Workshop on How to Write Research papers for Refereed Journals	24th Jan 2015	Sri Sairam Institute of Technology
10.	Tech Workshop on Redhat Linux& Industry Adaptation	5th December 2017	Sri Sairam Engineering College
11.	International workshop on Ocean Technology	19th and 20th August 2019	National Institute of Ocean Technology
12.	Cyber Security Awareness Campaign	1st October 2019	Sri Sairam Engineering College

Faculty Development Program Attended

S.No	FDP Topic	Held on Date	Place
1.	FDP on Big Data and Cloud Computing	8th & 9th 2014	Sri Sairam Engineering College
2.	FDP on PHP and MY-SQL	18th & 19th June 2015	Sri Sairam Institute of Technology
3.	FTP on Data Mining	18th &19th June 2016	JPR SRR Engineering College

4.	FDP on Teaching Excellence in Engineering and Management Curriculum	20 & 21st June 2016	Sri Sairam Engineering College
5.	FDP on Programming practices	24.4.2017 to 28.4.2017	Sri Sairam Engineering College
6.	FDP on Virtualization using VMware	12th June to 16th June 2017	Dhanalakshmi Engineering College
7.	Introduction to Python Programming	29.10.2018 & 30.10.2018	Sri Sairam Institute of Technology
8.	Engineering Teaching Pedagogy and Effective Learning process	3.12.2018 – 7.12.2018	Sri Sairam Engineering College
9.	Internet of Things using Raspberry Pi	26.8.2019 – 28.8.2019	Sri Sairam Institute of Technology
10.	Data Science and Exploratory Analysis with R and Python	7.6.2019 – 20.6.2019	Sri Sairam Engineering College
11	FDP on Tools explored with Disruptive Technologies	11.5.2020 – 16.5.2020	Sri Sairam Institute of Technology
12	Cyber Security Tools and Techniques	15.6.2020 to 19.6.2020	Sri Sairam Engineering College
13.	Latest Challenges and Trends in IT industry	15.6.2020 to 20.6.2020	RMD Engineering College
14.	Deep Learning concepts and Applicationss	11.6.2020 -14.6.2020	NRI Institute of Technology, Agiripalli, AP
15.	Digitial Teaching Techniques	29.6.2020 – 4-.7.2020	ICT Academy
16.	Performance Measurement and Testing in Big Data Archhitecture and Cloud Infrastructure	18.6.2020 – 20.6.2020	Sathyabama Institute of Scieince and Technology
17.	ATAL FDP on IOT	5/10/2020 to 9/10/2020	IIIT Pune
18.	ATAL FDP on Data science	16/11/2020 to 20/11/2020	IIITDM, Kanchipuram
19.	ATAL FDP on Block chain	7/12/2020 to 13/12/2020	Karpagam College of Engineering

20	ATAL FDP on RECENT TRENDS IN CYBER SECURITY DOMAIN"	2021-07-05 to 2021-07-09	MANONMANIAM SUNDARANAR UNIVERSITY
21	ATAL FDP on "Secrets of Human Bioenergy fields & Subconscious mind"	2021-7-12 to 2021-7-16	Sona College of Technology.
22	ATAL FDP "AR & VR"	2021-07- 20 to 2021-07-24	PSG Polytechnic College
23	Online orientation programme for Mentprs	26/7/2021 to 30/7/2021	AICTE
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NPTEL courses

Sno	Name of the course	Duration	Marks obtained	Remarks
1.	Cryptography and Network Security	Jan 2021 to Apr 2021	67	Elite
2.	Introduction to Mcahine Learning	Feb-Apr 2020	56	
3.	Introduction to IOT	Jul-Oct 2019	75	Elite-Silver
4.	Computer Architecture and Organisation	Feb-Apr 2019	61	Elite
5.	Cloud computing	Feb-Apr 2019	81	Elite-Silver