STAFF PROFILE

NAME OF THE STAFF : **Dr. S. Mala**

DESIGNATION : **Assistant Professor**

Department of Data Science

CONTACT

Address : **28, V.R. Gopal Reddiyar & Sons,**

Palakarai, Thuraiyur
Trichy-621010

Contact Phone (Mobile) : **8903278311**

Contact e-mail(s) : **smala@nmc.ac.in**

ACADEMIC QUALIFICATIONS

Degree	College/University/Board	Year of Passing/ Awarded
Ph.D	ANNA UNIVERSITY, CHENNAI	October-2019
M.Phil	PERIYAR UNIVERSITY, SALEM	October- 2006
MBA	BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI	October- 2008
MCA	BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI	July- 1999
B.Ed	DAKSHINA BHARAT HINDI PRACHAR SABHA, MADRAS	January- 1999
B.Sc	BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI	May- 1996

TEACHING EXPERIENCE (Till February, 2021)

S. No.	Institution	Duration	No. of Years	
			UG	PG
1	Assistant Professor **Department of Computer Science**	(From 21.06.2001 to	10 Years & 1 Month	10 Years & 1 Month

	Nehru Memorial College	09.08.2011)		
2	Assistant Professor **Department of Data Science** Nehru Memorial College	(From 19.07.2018 to Till date)	2 year & 7 Months	2 year & 7 Months

<mark>RESEARCH EXPERIENCE:</mark>

7 Years & 11 Months

<mark>AREA OF RESEARCH :</mark>

Data Mining, Machine Learning, Natural Language Processing
Stock Price Analysis, Eye Movements Analysis

<mark>RESEARCH GUIDANCE</mark>

Program of Study		Completed	Ongoing
	M. Phil.	5	---
Project	PG	10	---

<mark>PUBLICATION(S)</mark>

Journal(s)		Proceeding(s)		Book(s) / Chapter(s) / Monograph(s) / Manual(s)
International	National	International	National	
4		6		1

Cumulative Impact Factor (as per JCR)	
h-index	4 https://scholar.google.com/citations?user=ggWnTAsAAAAJ&hl=en
Total Citations	40

<mark>PRESENTATION(S)</mark>

Events	International	National	State	Regional
Conference(s)	6			

Seminar(s)	**2**			

Events	International	National	State	Regional
Conference(s)	**4**			
Seminar(s)	**2**			
Workshop(s)	**8**			

PROFESSIONAL DEVELOPMENT

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Course(s)	Online Course(s)
		5		5

DISTINCTIVE ACHIEVEMENT(S) / RECOGINITION(S) / AWARD(S)

NIXI Fellowship for young internet professionals from National Internet Exchange of India (NIXI) in 2011.

EVENT(S) ORGANIZED

S. No.	Name of the Programme	Role of Responsibility held	Name of the Resource Person	Date of the Event
1.	Video Conference-DATA ANALYTICS: DATA SCIENTIST PERSPECTIVE	Programme Organizer	Mr. Bronson Sabu Data Scientist Givaudan Singapore	29th January 2020
2.	Invited Lecture – Data Science: Industry Needs	Programme Organizer	Mr. Seenuvasan Devasenan, Senior Data Specialist Lufthansa Airlines Frankfurt, Germany	04th January 2020
3.	Faculty Development Training Programme on "MACHINE LEARNING TECHNIQUES"	Programme Organizer	Dr. Srinivasulu Reddy Assistant Professor, Dept. of Computer Applications & Dr. G. Devasena Teaching Faculty,	30 & 31st August 2019

			Dept. of Comp. Sci. & Engi. NIT Trichy	
4.	Workshop on "DATA SCIENCE TOOLS - INDUSTRIAL PERSPECTIVE"	Programme Organizer	Mrs. Swathi Hemanand PMP Lead Bigdata Analyst SpxFlow, Bangalore	29th December 2018

ACADEMIC / ADMINSTRATIVE RESPONSIBILITIES HELD

Chair Person of BOS-M.Sc (Data Science) – Nehru Memorial College
BOS – Member B.Sc (Data Science) – Nehru Memorial College

SERVED AS A RESOURCE PERSON (INVITED TALKS / GUEST LECTURES)

Place	Date
Nehru Memorial College, Puthanampatti	15th July 2019 (Bridge Course on Introduction to Data Science)
Nehru Memorial College, Puthanampatti	30 & 31st August 2019 (Faculty Development Training Programme on "MACHINE LEARNING TECHNIQUES")
St.Joseph College, Tiruchirappalli	Linear Regression

DETAILS OF MEMBERSHIP

Academic Bodies (Board of studies)	Chair Person of BOS-M.Sc (Data Science) – Nehru Memorial College Chair Person of BOS B.Sc (Data Science) – Nehru Memorial College
Professional Bodies	Internet Society (ISOC) Member ID 58462 IAENG Member ID 131636. Pramanith pracharak from 1.3.97 by Dakshina Bharath Hindi Prachar Saba No: 9853/97

EXTENSION ACTIVITIES / OUTREACH PROGRAMME

S. No	Title	Place	Date	Beneficiaries
1	Competition for Developing Student Uniqueness	AGM HIGHER SECONDARY SCHOOL – ERAGUDI	02/08/2019	XI th & XII th standard Students (155 Students)

DETAILS OF RESEARCH GUIDANCE

M. Phil. (Completed)			
S. No.	Name	Title of thesis	Year of award
1	C. Anbarasan (17PHS001)	AE4: A Modified Encryption Approach	2019
2	B. Vanthana (M17S004)	Topic Based Model using Data Mining Techniques	2019
3	R. Sekar (M17S003)	A Hybrid Approach for Aspect Based Sentiment Analysis on Big Data	2019
4	Vijayalakshmi.N (P18HS0021)	A Frame work for imporvising digital payment system	2021
5	Aarthy.N (P18HS0006)	Graph based tewchnique for extractive text summarization	2021

DETAILS OF PUBLICATIONS

(a) JOURNAL(S)

S. N o.	Name of the author/s	Title of the paper with e-link	National/ Internatio nal	Name of journal	Volume Page No & Year	ISSN
1.	S.Mala & Dr. S. Saravanan	http://dx.doi.org/10.18576/amis/120312	International	Applied Mathematics & Information Sciences	Vol. 12 (3) 1-7 2018	ISSN 1935-0090 (print) ISSN 2325-0399 (online)
2.	S.Mala & Dr. K. Latha	http://technicaljournalsonline.com/ijeat/VOL%20VII/IJAET%20VOL%20VII%20ISSUE%20II%20APRIL%20JUNE%202016/20167287.pdf	International	Int. Jour. of Adv. Engi. Technology	Vol. VII/Issue II/April-June (2016)	ISSN: 0976-3945
3.	S.Mala & Dr. K. Latha	http://dx.doi.org/10.13005/bbra/1706	International	Biosciences Biotechnology Research Asia	Vol. 12 (1), April-2015	ISSN: 0973-1245 (Print)
4.	S.Mala & Dr. K. Latha	http://dx.doi.org/10.1155/2014/713818	International	Computational and Mathematical Methods in Medicine	1-9 2014	1748-670X (Print) ISSN: 1748-6718(Online)

(b) PROCEEDING(S)

S. No.	Name of the	Title of the paper	Natio nal/	Name of Conference	Page No &	ISBN

	author		International			Year	
1	S. Mala & Dr. K. Latha	Feature Selection for Activity Recognition using Movements	International	International Conference on Innovative Engineering and Technologies & Advanced Theoretical Computer Applications (CAASR-ICIET`15 & CAASR-ICATCA`15) at Bangkok Thailand.	pp. 204-213 2015	ISBN:978-0-9948937-1-0
2	S. Mala & Dr. K. Latha	Feature Selection In Activity Recognition Using Eye Movements: Filter Based Approach	International	International Conference on Advances in Applied Engineering and Technology - 2015 May 14-16 (ICAAET-2015) Organized by Syed Ammal Engineering College, Tamilnadu, India.	Vol. Issue: 1 2015	ISSN: 0973-4562 (Print) 1087-1090 (Online)
3	S. Mala & Dr. K. Latha	Demystification of Electrooculogram Signals: An Introductory Approach to Activity Recognition	International	The 3rd International Conference on Computer Engineering & Mathematical Sciences 2014 December 4-5, (ICCEMS 2014) organized by SandKRS Langkawi, Malaysia.	650-654 2014	ISSN 1513-1874
4	S. Mala & Dr. K. Latha	Feature Selection in Categorizing activities by eye movements using electrooculograph signals	International	International Conference on Science Engineering and Management research (ICSEMR – 2014) Nov 27-29. Organized by the VelTech Multitech, Chennai.	IEEE-32331	ISBN:978-1-4799-7613-3 / 14
5	S. Mala & Dr. K. Latha	Efficient Classification of EOG using CBFS Feature Selection Algorithm	International	Proceedings of International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA-2013) with Elsevier (and will be indexed in DBLP) held during 02-03 Aug 2013 in Nitte Meenakhsi Institute of Technology, Bangalore, India,2013.	800-806 Elsevier 2013	ISBN : 9789351071020
6	S. Mala & Dr. K. Latha	Classification of Electro Oculograph Signals comparing conventional classifiers using CBFS feature selection Algorithm	International	Proceedings of Fourth IEEE International Conference on computing communication and Networking Technologies July 4-6, 2013, Tiruchengode, India. , ICCCNT 2013 - IEEE 31661	1-7 IEEE-2013	ISBN: 978-1-4799-3925-1 10.1109/ ICCCNT.2013.6726825

(C)   BOOK(S) / CHAPTER(S) / MONOGRAPH(S) / MANUAL(S)

S. N o.	Name of the author	Title of the Book Chapter	National/ International Publisher	Name of journal	Volume Page No & Year	ISSN number
1.	S. Mala & M. Ambika	Face recognition: demystification of multifarious aspect in evaluation metrics	Intech - International	Face Recognition-Semisupervised Classification, Subspace Projection and Evaluation Methods	75-92 2016	DOI: 10.5772/61471 ISBN: 978-953-51-2422-1
	https://www.intechopen.com/books/face-recognition-semisupervised-classification-subspace-projection-and-evaluation-methods/face-recognition-demystification-of-multifarious-aspect-in-evaluation-metrics					

22. <mark>DETAILS OF PRESENTATION(S)</mark>

(Conference(s) / Seminar(s))

S. No.	Name of the Paper	Name of the Conference / Seminar	National/ International	Place	Duration/ Date
1	Feature Selection for Activity Recognition using Movements	International Conference on Innovative Engineering and Technologies & Advanced Theoretical Computer Applications	International (CAASR-ICIET`15 & CAASR-ICATCA`15)	Bangkok Thailand.	2015
2	Feature Selection In Activity Recognition Using Eye Movements: Filter Based Approach	International Conference on Advances in Applied Engineering and Technology -2015	International	Syed Ammal Engineering College, Tamilnadu, India.	May 14-16 (ICAAET-2015)
3	Demystification of Electrooculogram Signals: An Introductory Approach to Activity Recognition	The 3rd International Conference on Computer Engineering & Mathematical Sciences 2014	International	SandKRS Langkawi, Malaysia.	December 4-5, (ICCEMS 2014)
4	Feature Selection in Categorizing activities by eye movements using electrooculograph signals	International Conference on Science Engineering and Management research	International	VelTech Multitech, Chennai.	(ICSEMR – 2014) Nov 27-29.
5	Efficient Classification of EOG using CBFS Feature Selection Algorithm	Proceedings of International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA-2013) with Elsevier (and will be indexed in DBLP)	International	Nitte Meenakhsi Institute of Technology, Bangalore, India,2013.	02-03 Aug 2013
6	Classification of Electro Oculograph Signals comparing conventional classifiers using CBFS	Proceedings of Fourth IEEE International Conference on computing communication and	International	Tiruchengode India. IEEE 31661	July 4-6 2013 ICCCNT 2013

	feature selection Algorithm	Networking Technologies			

(Conference(s) / Seminar(s) / Workshop(s) / Symposium(s))

S. No.	Name of the event(s)	Sponsored by	Conducted by	Place	Duration/ Date
			Seminar(s)		
1	Latest Trends in Computer Technology,		Bharathidasan University,	Tiruchira ppalli	2nd October 1997
			Workshop(s)		
1	Mobile Application Development		Nehru Memorial College	Trichy	10th & 11th June 2019
2	Research Methodology		Anna University	Chennai	12th December 2014
3	Author Workshop on Book / Journal Publishing		Anna University	Chennai	24th September 2014
4	Soft Computing Techniques: Data Mining Perspective		University College of Engineering,.	Tiruchira ppalli	20th October 2012
5	Knowledge Discovery in Database and R for Big data Analysis		K.L.N College of Information Technology	Sivagang ai, Tamilna du	14th August 2012
6	Mobile computing and J2ME Applications		M.A.M College of Engineering	Tiruchira ppllai	3rd August 2011
7	MATLAB & SPSS		St. Joseph's College	Tiruchira ppalli	13th – 14th March 2009
8	Mathematical Computations with MATLAB		Nehru Memorial College	Puthana mpatti	19th September 2008
9	Workshop on Algorithms		National Institute of Technology	Tiruchira ppalli	8th – 10th August 2008

(Orientation / Refresher Course / FDP / Short Term Course / Online Course)

	Faculty Development Programme				
1	Descriptive Statistics with R Software	SWAYAM IIT-Kanpur	SWAYAM IIT-Kanpur	SWAYAM IIT-Kanpur	Feb-Apr 2019 (8 Week)
2	Development Research Methods	SWAYAM	SWAYAM	SWAYAM	Jul-Sep

		AICTE	AICTE	AICTE	2019 (8 Week)
3	Programming, Data Structures and Algorithms Using Python	SWAYAM IITM	SWAYAM IITM	SWAYAM IITM	Jul-Sep 2019 (8 Week)
4	Coding Theory & Machine Learning		Nehru Memorial College	Trichy	19th March 2019 (1 day)
5	Statistical Signal Processing		VIT University	Vellore	18th -20th Feb 2012 (3 days)
Online Course(s)					
1	Descriptive Statistics with R Software	SWAYAM IIT-Kanpur	SWAYAM IIT-Kanpur	SWAYAM IIT-Kanpur	Feb-Apr 2019 (8 Week)
2	Development Research Methods	SWAYAM AICTE	SWAYAM AICTE	SWAYAM AICTE	Jul-Sep 2019 (8 Week)
3	Programming, Data Structures and Algorithms Using Python	SWAYAM IITM	SWAYAM IITM	SWAYAM IITM	Jul-Sep 2019 (8 Week)