



Dr.S. JOTHI LAKSHMI M.Sc., M.Phil., Ph.D

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OBJECTIVES:

To work in a challenging environment and to excel in the teaching & research.

ACADEMIC QUALIFICATION

Course	Name of the Institution	Board / University	Year of passing	% of Marks
Ph.D. (Computer Science)	Madurai Kamaraj University	Madurai Kamaraj University	2019	Awarded
M.Phil. (CS)	Annamalai University	Annamalai University	2007	60.00
M.Sc., (C.S & IT)	R.V.S College of Engg. & Tech., Dindigul.	Madurai Kamaraj University	2001	75.12 (University Rank holder)
B.Sc., (Physics)	Sri Parasakthi College for Women, Courtallam	Manonmanium Sundaranar University	1999	72.12

Field of Specialization : Data Science

Research Specialisation : Machine Learning
Deep Learning
Recommender System.

WORK PROFILE: Teaching Experience: 15 years

Period		No of Years	Designation / Nature of Job	Institute / Organisation
From	To			
Nov 2001	Dec 2006	5	Lecturer	R.V.S College of Engg.Tech, Dindigul
Dec 2006	Dec 2007	1	Lecturer	Vickram College of Engg. and Technology, Enathi
June 2010	May 2019	9	Assistant Professor	Sourashtra College, Madurai
June 2019	Oct 2020	1 year 3 months	Assistant Professor	Mannar Thirumalai Naicker College, Madurai
Oct 2020	Till date		Assistant Professor	The American college

Title of Ph.D: Design and Development of Recommender System for Target Marketing of Higher Educational Institution using Educational Data Mining.

Patent:

Title: **Intelligent Recommender System-Filed** (202041026628 dated June 24, 2020)

JOURNAL PUBLICATION

- i. S.Jothilakshmi, Dr.M.Thangaraj “A SURVEY ON MINING ALGORITHMS AND TECHNIQUES USED IN TARGET MARKETING OF HIGHER EDUCATIONAL INSTITUTIONS” International Journal of Computer Engineering and Applications, Volume XII, Issue VII, July 18, ISSN 2321-3469 pages79-86. **(UCG Approved Journal)**
- ii. S.Jothilakshmi, Dr.M.Thangaraj, “DESIGN AND DEVELOPMENT OF RECOMMENDER SYSTEM FOR TARGET MARKETING OF HIGHER EDUCATION INSTITUTION USING EDM”, International Journal of Applied Engineering Research ISSN 0973-4562, Vol.13, 2018, pages. 14431-14437. **(UGC Approved Journal)**
- iii. S.Jothilakshmi, Dr.M.Thangaraj “COURSE EVALUATION OF AN INSTITUTION USING EDM” International Journal of Computer Engineering &

Technology (IJCET) ISSN Print: 0976-6367 and ISSN Online: 0976-6375 Volume 9, Issue 6, November-December 2018, pages. 21-29. **(UGC Approved Journal)**

- iv. S.Jothilakshmi, Dr.M.Thangaraj “RECOMMENDER SYSTEM FOR STUDENT PERFORMANCE USING EDM” Asian Journal of Computer Science and Technology ISSN: 2249-0701 Vol.7 No.3, 2018, pages. 53-57. **(UGC Approved Journal)**
- v. S.Jothilakshmi, Dr.M.Thangaraj “COLLABORATIVE RECOMMENDER SYSTEM FOR COURSE SELECTION USING EDM” in the proceedings of International Conference on Emerging Trends and Challenges, NPR Arts & Science College, Natham, Dindigul, ISBN No.:978-81-9093444-4-2,2018, pages.115-126.
- vi. S.Jothilakshmi, Dr.M.Thangaraj “DATA PREPROCESSING IN EDUCATIONAL DATA MINING SYSTEM-A REVIEW” in the proceedings of International Conference on emerging trends in IOT & machine learning, Mangayarkarasi College of Arts & Science For Women, Madurai, JAC ISSN 0973-2861,2018,pages 156-164 **(UGC Approved Journal)**
- vii. Dr.S.Jothilakshmi, Dr.M.Thangaraj “RECOMMENDER SYSTEM FOR STIMULATING THE LEARNING SKILL OF SLOW LEARNER IN HIGHER EDUCATIONAL INSTITUTION USING EDM” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, July 2019 **(Scopus Journal)**
- viii. Dr.S.Jothilakshmi, Dr.M.Thangaraj “AN AGENT BASED RECOMMENDATION ENGINE FOR COURSE SELECTION USING EDUCATIONAL DATA MINING” journal of mechanics of continua and mathematical sciences, ISSN (Online) : 2454 -7190, Special Issue, No.-7, February (2020) pp 95-107 ISSN (Print) 0973-8975 **(Web of Science)**

Paper Presented in Conference

- i. Paper titled “A survey on Implementation of spatial Database system and its applications” was presented in national conference held at Thiagarajar School of Management, Madurai on 3-9-2012.
- ii. Paper titled “A survey on GIS spatial data analysis functions and its implementation using UDG Tool was published in national conference held at Thiagarajar School of Management, Madurai on 3-9-2012.

- iii. Paper titled “A Case study on Spatial association rule mining in GIS” was presented in national conference held at Jamal Moheamed College (A), Tiruchirappalli on 8-2-2011
- iv. Paper titled ”A case study on Spatial Association Rule mining And Knowledge Discovery And GIS was published in a National conference on Data mining and knowledge Engineering held at N.P.R Arts & Science College, Natham, 28/12/12
- v. Paper titled “Spatial Data types And Spatial database for GIS A Way for Research” was published in a UGC national seminar on Research issues in Computer Science and Applications held at Sourashtra College (Autonomous) - Madurai-49/2/13
- vi. Paper titled “A case study on Emerging Learning Trends in mobile learning” was published in a National Conference on ICT-A Catalyst of change For Transforming Teaching ,Learning &Research in Lady Doak College, Madurai on 9/02/14
- vii. Paper titled “A Study on Big data Analytics in Health care” was published in a National Conference on A mobile Computing Technologies held at Fatima College (Autonomous), Madurai on 16/9/16
- viii. Paper titled “A Study on Challenges and Opportunities of using Big Data Analytics in Health care system” was published in a national conference held at N.P.R Arts & Science College, Natham on 29/12/17

Conference/Workshop Attended:

Sl. No	Name of the Programme	Institution where conducted	Period From To
1.	“Seminar on Fundamentals of Rational Rose and Essentials of Functional Testing with Rational Robot”	R.V.S. College of Engineering & Technology, Dindigul	19/09/2003 to 20/09/2003
2.	“AICTE Sponsored Faculty Development Programme on Multimedia Systems”	Arulmigu Kalasalingam College of Engineering, Krishnankoil	24 /11/2003 to 29 /11/2003

3.	ISTE Seminar on “Optimization Techniques for Engineering Applications”	R.V.S. College of Engineering & Technology, Dindigul	10 /03/2005 to 11/03/ 2005
4.	Microsoft - Workshop on “Evolution of Computing Towards .NET 3.0 and Allied Technologies”	Thigaraja College of Engineering, Madurai.	26/02/ 2007 to 27 /02/ 2007
Sl. No	Name of the Programme	Institution where conducted	Period From To
5.	AICTE seminar on “Future Directions in mobile computing and networking”	Kongu Engineering College, Erode	30/05/ 2007 to 31/05/ 2007
6.	Technical Talk on”IBM Database Research Trends and Directions”	Thiagaraja College of Engineering, Madurai	5/09/2007
7.	Faculty Development on “Research Directions in Data Mining”	Thiagaraja School of Management	26/03/2010 to 27/03/2010
8.	Workshop on “WAMP”	Thiagaraja School of Management	20/08/2010
9	UGC Sponsored national level seminar on “research issues in computer application”	Sri Meenakshi Government College for Women (A)	8/01/2011
10	National Conference on Advanced Computing	Jamal Mohamed College, Trichirappalli	8/02/2011
11	Faculty development program on “image processing algorithms & its applications”	K.L.N.College of Engineering	11/2/2011 to 12/2/2011
12	UGC -Sponsored state level seminar on “WEB APPLICATION:	The Madura College, Madurai	28/02/2011
13	National Conference on Data and Knowledge Engineering	N.P.R Arts & Science College, Natham, Dindigul	28/01/2012

14	State level seminar	Sourashtra College for Women, Madurai	20/01/2012
15	UGC Sponsored National Level Seminar on Research issues in Computer Science and Applications	Sourashtra College , Madurai	9/02/2013
Sl. No	Name of the Programme	Institution where conducted	Period From To
16	Faculty Development programme	Sourashtra College, Madurai	15/03/2013
17	National Conference on ICT- A Catalyst of change For Transforming Teaching learning & Research in Commerce, Computer Science & Management Education	Lady Doak College, Madurai	9/01/2014 to 10/01/2014
15	UGC Sponsored National Level Seminar on Research issues in Computer Science and Applications	Sourashtra College, Madurai	9/02/2013
16	Faculty Development programme	Sourashtra College, Madurai	15/03/2013
17	National Conference on ICT- A Catalyst of change For Transforming Teaching learning & Research in Commerce, Computer Science & Management Education	Lady Doak college, Madurai	9/01/2014 to 10/01/2014
18	Faculty Development Programme on Teaching and Inter-Personal Relationships	Sourashtra College, Madurai	15/03/2014
19	National Conference on Ambient Computing	Fatima College, Madurai	16/10/2016

	Technologies		
20	One Day Faculty Programme on Management of self- A holistic Approach	Sourashtra College, Madurai	29/08/2017
Sl. No	Name of the Programme	Institution where conducted	Period From To
21	National Conference on Data Science, Communication & multimedia	NPR Arts & Science College, Natham, Dindigul	29/12/2017
22	International Conference on Recent trend in Digital Marketing in the Global Business	Sourashtra College, Madurai	24/02/2017
23	One Day National Level Workshop on Bigdata Analytics R-Tool	Madurai Kmaraj University	19/01/2018
24	Python workshop	TCE	22/06/2019
25	Workshop on TEQIP III sponsored one week workshop on AI for research	TCE	11/11/2019 to 15/11/2019
26	14 th international conference on Intelligent systems and control	Karpakam College of Engineering, Coimbatore	9/01/2020 to 10/01/2020
27	Workshop on “Big data Analytics and Visulaization tools”	MEPCO SCHLENK Engineering College	28/02/2020 to 29/02/2020

Conference/Seminar/Workshop/Training Organized/Resource Person:

Type	Name	Dates	Place	Role Played
State Level Seminar	State Level Seminar on “Roles and Responsibilities of NSS in the Society”	15 September, 2018	Sourashtra College, Madurai (Autonomous)	Organizing Secretary
Guest lecture	Guest Lecture on “BORN TO WIN Motivational Programme”	24.06.2019	Mannar Thirumalai Naicker College , Madurai (Autonomous)	Co-ordinator
State Level Workshop	State Level Workshop “ENTREPRENEURSHIP OPPORTUNITIES IN IoT”	13 th February, 2020	Mannar Thirumalai Naicker College , Madurai (Autonomous)	Organizing Secretary
Seminar	DATA SCIENCE THE ART OF COMMUNICATING WITH DATA	11.3.2020	SLS.MAVMM.Ayira Vaisyar College, Madurai	Resource Person
E-quiz	E-quiz on C programming	8 th June to 10 th June 2020	Mannar Thirumalai Naicker College , Madurai (Autonomous)	Co-ordinator
Webinar	Entrepreneurship Training Webinar on “Handmade face mask making”	18.06.2020	Mannar Thirumalai Naicker College , Madurai (Autonomous)	Co-ordinator
Webinar	Big Data using Apache Spark	21.12.2020	The American College	Co-ordinator

Membership in Academic Bodies:

- Member in Board Studies meeting (IT) at Madura College
- Nomination of question paper setter in Fatima College, Sourashtra College, Yadava College.
- External Examiner for viva voice and practical Exams in Fatima College.
- Judge in intercollege completion in Thiyagaraja College.

POSITIONS HELD:

- i. NSS programme Officer (2016-2019)**
- ii. Extension Activity Co-ordinator (2017-2019)**

Extension Activities Carried:

Swachh Bharat Activity, Digital Economy Program, Blood Danation Camp, Medical Camp, Road Safety Awareness Programme, Adoption of Village S.Puliyankulam as part of Outreach programme,

PERSONAL PROFILE:

Name : Dr. S. Jothilakshmi
Sex : Female
Date of Birth : 10.02.1979
Marital Status : Married
Permanent Address : F11, Varsha, Vasudhara Apartments, 84, TPK road
Andalpuram
Madurai-625003
Telephone Number : Res: 0452-4365313, Mobile: 9943021313
E-Mail : jothi2008@gmail.com
jothilakshmi@americancollege.edu.in
Nationality : Indian
Languages Known : English, Tamil

I hereby declare that the above furnished details are true to the best of my knowledge.

Station: Madurai
Date :

Signature