RESUME

Name oftheStaff	: **D.ThamaraiSelvi**
Designation	: **Assistant Professor**
Date of joining inthecollege	: **30.05.2016**
E-mailId	: **dts-cse@nec.edu.in**
MobileNumber	: **9688123278**
Personal Details	
Age	: **35**
DateofBirth	:**03.09.1987**
Sex &Marital Status	: **Female & Married**
Citizenship	: **Indian**

Educational Qualification

Educational Qualification	Branch	Name of the Institution/University	Yr. of Passing	% of Marks	Class/ Division
Ph.D	ICE	Anna University, Chennai	Pursuing	-	-
M.E	CSE	P.S.R Engineering College, Sivakasi	2012	82.9%	First Class
B.E	CSE	Sethu Institute of Technology, Madurai	2008	75.08%	First Class with Distn

Professional Experience (In chronological order)

Designation	Institution/Organization	Period	Nature of Duties
Assistant Professor	National Engineering College, Kovilpatti.	30.05.2016 - till now	Teaching
Assistant Professor	P.S.R Engineering College, Sivakasi.	Jun 2013 - April 2016	Teaching
Lecturer	P.S.R Rengasamy College of Engineering for Women, Sivakasi.	Oct 2008 - March 2010	Teaching

No. of years of Experience   **i.NEC**   : **6 years 4 months ii .OtherColleges : 4 years 6months**

                  iii.Industry   :   **iv. Other than above:**

List of International Journals

S.No.	Name of the Authors	Title of Paper	Name of Journal	Page No & Volume	Year of publication	Impact Factor
1.	Shehammal Sharmila.S, Sumathi.P, D.Thamarai Selvi,AP/CSE	NEC ChatBot	International Journal For Technological Research In Engineering ISSN(online): 2347 - 4718	Volume 6, Issue 7	March-2019	4.62
2.	D.Thamarai Selvi,AP/CSE Muthu PandiP ,UG Scholar, RamShankar,UG Scholar, V.RoshanGandhi ,UG Scholar	IOT based Air pollution monitoring System	Journal of Interdisciplinary Cycle Research ISSN NO: 0022-1945	Volume XII, Issue III,	March - 2020	6.2

3.	Dr.S.Maheswari Asso prof/CSE, Ms.S.Kalaiselvi, AP(SG)/CSE, Ms.D.Thamarai Selvi, AP/CSE Ms.M.Manochitra	Applying Government Schemes in Rural Sectors Prediction System for Evaluation of Data Science Algorithm	International Journal of Recent Technology and Engineering (IJRTE),	Volume-9 Issue-5	January 2021	-
4.	Harish D, Madhavan M V, Guru Ananth S, Jerem Pravin Roy, Dr.Gomathi V, Thamarai selvi D	Lead Scoring system using LSTM and Sentiment Analysis	Solid state Technology	Volume – 64 Issue-2	2021	-
5.	Gomathi V., Kalaiselvi S., Thamarai Selvi D.	Sensor-based human activity recognition using fuzzified deep CNN architecture with λmax method	Sensor Review	https://doi.org/10.1108/SR-06-2021-0195	18 Jan 2022	1.583
6.	Archana V; Kalaiselvi S; Thamaraiselvi D; Gomathi V; Sowmiya R	A Novel Object Detection Framework using Convolutional Neural Networks (CNN) and RetinaNet	IEEE – Explore	10.1109/ICACRS55517.2022.10029062	07 Feb 2023	
7.	Shunmuga Lakshmi Priya. K; Thamarai Selvi. D; Kalaiselvi. S; Gomathi. V	A Sentimental Analysis of Legal Documents using Deep Learning Approach	IEEE – Explore	10.1109/ICACRS55517.2022.10029322	07 Feb 2023	
8.	G. Pavithra, V. Gomathi, D. Thamarai Selvi, P. Selva Rathinam & S. Kalaiselvi	Image Captioning for Colorectal Cancer Using Deep Learning Approaches	Proceedings of International Conference on Communication and Computational Technologies, Algorithms for Intelligent Systems, Springer Lecture Notes,	https://doi.org/10.1007/978-981-99-3485-0_20	01 September 2023	

List of International Conferences

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year of publication
1	D.ThamaraiSelvi	Segmentation of images by graph cut using Kernel K_Means	EMICS'12	Feb 2012
2	D.ThamaraiSelvi	MONET, A User Oriented Behaviour based Malware Detection	ICRACST'18	March 2018

Short term Courses/Seminar/Conference/Workshop Attended

Institution	Topic	Course Detail	Date
P.S.R Engineering College, Sivakasi	Cambridge English Teachers Support Workshop	Workshop	June 2014
P.S.R Rengasamy College of Engineering for Women, Sivakasi.	Visual Modeling using UML with IBM Rational Softtware Architect	Workshop	12/02/2013 – 14/02/2013

P.S.R Engineering College, Sivakasi	Faculty Empowerment Program	FDP	10/06/2013 – 15/06/2013
IIT Madras-NPTEL Online Course	Introduction to Mobile Application Development	NPTEL Course	4 weeks - Sep 2016
National Engineering College	Faculty Development Program on Entrepreneurship	FDP	Dec 2016
IIT Madras -NPTEL Online Course	Programming, Data Structures and Algorithms using Python	NPTEL Course	January 2017
National Engineering College	Instruction Design and Delivery System	Workshop	May 2017
National Engineering College	Technology Enabled Learning Process	Workshop	May 2017
IIT Madras-NPTEL Online Course	Outcome based pedagogic principles for effective teaching	Nptel Course	4 weeks - July 2017
National Engineering College	EMC Academic Associate, Data Science and Big Data Analytics	Workshop	June 2017
National Engineering College	"GE8151- Problem Solving and Python Programming"	Anna University Sponsored FDP	04/06/2018 – 11/06/2018
SAVIC Technologies Private Ltd, Chennai.	Industry Know How Training on "IT Services"	Industry Know how	16/07/2018 – 20/07/2018
KLE Technological University, Hubballi, Karnataka.	Artificial Intelligence and Deep Learning	Workshop	11/08/2018 – 13/08/2018
IIT Ropar –Nptel Online Course	The Joy of Computing using Python	NPTEL Course	12 week - October 2018
National Engineering College	CS8451- Design and Analysis of Algorithms	Anna University Sponsored FDP	26.11.2018 - 08.12.2018
IIT Madras	Effective Mentoring in NPTEL online courses	Workshop	18.01.2019
National Engineering College	Introduction to Python Programming	FDP	01.08.2019 – 03.08.2019
AICTE Approved –NPTEL Course	Python for Data Science	FDP	August – September 2019
National Institute of Technology, Trichy	Business Analytics and its Application using R	Workshop	28.09.2019 – 02.10.2019
National Engineering College	CS8602- Principles of Compiler Design	Anna University Sponsored FDP	16.12.2019 – 21.12.2019
Udemy Course	Python Django Web Development :To Do App	Online Course	28.04.2020
Bennett University, Greater Noida	on Robotic Process Automation"	A Hands on Workshop	04.05.2020 – 08.05.2020
Infosys Campus Connect	Python programming through INFYTQ platform	Faculty Enablement Program	25.05.2020 – 29.05.2020
GUVI's RPA SKILL-A-THON 2020	Step into Robotic Process Automation	Skill-a-thon	02.06.2020
Coursera Course	Programming for Everybody (Getting Started with Python)	Online Course	21.06.2020

Coursera Course	Python for data structures	Online Course	26.06.2020
Coursera Course	Introduction to Data Science using Python	Online Course	26.06.2020
Coursera Course	Linux for developers	Online Course	24.02.2021
National Engineering College	Fundamentals of Deep Learning	NVIDIA -DLI - Online	17.04.2021
Zoho Corporation, Tenkasi	Rural Youth Empowerment program	Industrial Training	29.10.2021 – 02.11.2021
Udemy Course	Mathematical Foundations for Machine Learning and AI	Online course	07.12.2021
Nagarajuna College of Engineering and Technology	AICTE ATAL FDP on "Machine Learning Applications on Image Processing"	FDP	17.01.2022 – 21.01.2022
NIT Warangal	Artificial Intelligence Machine Learning and Deep learning		27-01-2023 - 31-01-2023
SRM Institute of Science and Technology, Tiruchirapalli	Data Science Tools		12.07.2023 - 01.08.2023
NIT Trichy	Deep Learning for Natural Language Processing		18.12.2023 - 22.12.2023

Short term Courses/Conference/Workshops/Seminars Organized

S.No	Title	Duration of the workshop	Number of Participants	Venue
1.	AI and Deep Learning workshop	3 days	32	CSE Seminar hall – National Engineering College
2.	Insight into Machine Learning and Deep learning Approaches	2 days	60	ICL Lab – Dept of CSE, National Engineering College

Expert Lecture Delivered

S.no	Title	Venue	Date
1.	PushDown Automata	National Engineering College	03.06.2017 & 05.06.2017
3.	Recurrent Neural Networks (RNN)	National Engineering College	20.07.2019 (FN)