

## RESUME

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**Mobile Number** : 9443891192  
**Personal Details**  
**Age** : 51  
**Date of Birth** : 13/06/1973  
**Sex & Marital Status** : Female & Married  
**Citizenship** : Indian



### Educational Qualification

Educational Qualification	Branch	Name of the Institution/University	Year	% of Marks	Class /Division
MCA	Computer Science	Alagappa University, Karaikudi	May 1997	68%	First Class
ME	CSE	PSNACET, Dindigul, Anna University, Chennai	June 2006	78%	First Class with Distinction
Ph.D	Computer Science & Engineering	Manonmaniam Sundaranar University, Tirunelveli	Oct 2020		Completed Viva on 22/10/2020

### Professional Experience (In chronological order)

Designation	Institution/Organization	Period	Nature of Duties
Assistant Professor(SG)	National Engineering College, Kovilpatti	01/09/2018 to Till date	Teaching and research
Assistant Professor		01/11/2011 to 31/08/2018	
Lecturer		01/06/2006 to 31/10/2011	
Lecturer	Mohammed Sathak Engineering College, Kilakarai	20/06/1999 to 21/07/2004	Teaching
<b>Overall Experience 23 years and 5 months</b>			

**Courses Handled:** Data Structures, Computer Architecture and Organization, Problem Solving Techniques in C, DBMS, Java Programming, Artificial Intelligence, Python Programming

## Membership in Professional Bodies

Name of Society	Grade of Membership
Indian Society for Technical Education	Life Membership

## Special Achievements:

- Got 2% Topper and Golden Elite in NPTEL's 'Programming in Java' online course in Oct2023
- Received Certification of appreciation as NPTEL Discipline Star Jul-Dec2023
- Participated in SIH Grand Finale2022 at Gujarat Technological University, Ahmedabad, Gujarat.
- Got Golden Elite in NPTEL's 'Python for Data Science' online course in Feb2022
- Got A+ grade in "Database Management System through INFYTQ Platform" in August2020.
- Got 5% Topper and Golden Elite in NPTEL's 'The Joy of Computing using Python' online course in Oct2019

## List of International Journals

S.No.	Name of the Authors	Title of Paper	Name of Journal	Page No& Volume	Year of publication
1.	G.Sivakamasundari, Dr.V.Seenivasagam	Classification of Leaf Diseases In Apple Using Support Vector Machine	Journal of Advanced Research in Computer Science	Vol.9, No.1,pp. 261-265	2018
2.	G.Sivakamasundari, Dr.V.Seenivasagam	Leaf Disease Classification Using Artificial Neural Networks and Decision Tree	Journal of Image Processing & Pattern Recognition Progress	Vol.5, Issue1, pp.26-32	2018
3.	G.Sivakamasundari	Video authentication and data hiding using digital water marking	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET)	Vol. 5, Special Issue5, pp.3-6	March 2018
4.	G.Sivakamasundari	Online Election Application	International Journal of Scientific & Technology Research (IJSTR)	Vol.9, Issue01, pp.4246-4249	Nov 2019
5.	G.Sivakamasundari	Stock Picker using Machine Learning	International Journal of Recent Technology and Engineering (IJRTE)	Vol.8, Issue6, pp.3912-3914	March 2020

6.	G.Sivakamasundari	Sales prediction using machine learning	AIP Conference Proceedings	Volume 2444, Issue1	March 2022
7.	G.Sivakamasundari	Efficient management of files in the cloud using a desktop application	AIP Conference Proceedings	Volume 2444, Issue1	March 2022
8.	G.Sivakamasundari	Identifying the Optimal Location to Set up an Emergency Room Using Machine Learning Algorithms	PERIODICO di MINERALOGIA	Volume 91, No.4, 2022	August 2022
9.	G.Sivakamasundari	A Study on Different Deep Learning Algorithms Used in Deep Neural Nets: MLP SOM and DBN	Wireless Personal Communications	<a href="https://doi.org/10.1007/s11277-022-10079-4">https://doi.org/10.1007/s11277-022-10079-4</a>	October 2022
10.	Dr.G.Sivakamasundari	Facial Emotion Recognition Using Deep Learning Approach	IEEE Explore	10.1109/ICACRS55517.2022.10029092	February 2023
11.	Dr.G.Sivakamasundari	HR Tech Analyst: Automated Resume Parsing and Ranking System through Natural Language Processing	IEEE Explore	10.1109/ICACRS58579.2023.10404426	January 2024
12.	Dr.G.Sivakamasundari	Smart PDF Inquiry Hub: A Comprehensive Solution for Efficient PDF Document Querying and Information Extraction	IEEE Explore	10.1109/ICOECA62351.2024.00045	August 2024

## List of International Conference

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year
1.	G.Sivakamasundari, Dr.V.Seenivasagam	Different Relevance Feedback Techniques in CBIR: A Comparative Study	IEEE International Conference on Computing Electronics and Electrical Technologies	21/03/2012 & 23/03/2012
2.	G.Sivakamasundari	Homogeneous and Heterogeneous intrusion detection system in Mobile Adhoc Networks	International Conference on Computing trends and intelligent data Engineering	07/11/2014 & 08/11/2014
3.	G.Sivakamasundari	Apple Leaf Disease Identification using Support Vector Machine	International Conference on Emerging Trends in Applications of Computing ICETAC2K17	2017
4.	G.Sivakamasundari	Diagnosis of Grape leaf Diseases using K-means clustering and Neural network	International Conference on Emerging Trends in Applications of Computing ICETAC2K17	2017
5.	G.Sivakamasundari	Ad viewability prediction on web	International Conference on Applied Soft Computing Techniques ICASCT-2018	23/03/2018
6.	G.Sivakamasundari	Performance Analysis of Epidemic and Prophet Routing Protocol in delay tolerant network	International Conference on Information, Embedded and Communication Systems ICIECS-2019	22/03/2019
7.	G.Sivakamasundari	Product Review Sentiment Analysis	IEEE International Conference on Emerging Technologies and Applications for a smart and sustainable world	16/12/2021 to 18/12/2021
8.	Dr.G.Sivakamasundari	College Info Chatbot	IEEE International Conference on Emerging Technologies and Applications for a smart and sustainable world	16/12/2021 to 18/12/2021
9.	Dr.G.Sivakamasundari	Facial Emotion Recognition Using Deep Learning Approach	International Conference on Automation, Computing And Renewable Systems (ICARCS 2022)	13/12/2022 to 15/12/2022
10.	Dr.G.Sivakamasundari	HR Tech Analyst: Automated Resume Parsing and Ranking System through Natural Language Processing	2 <sup>nd</sup> International Conference on Automation, Computing and Renewable Systems (ICARCS 2023)	11/12/2023 to 13/12/2023

11.	Dr.G.Sivakamasundari	Smart PDF Inquiry Hub: A Comprehensive Solution for Efficient PDF Document Querying and Information Extraction	4 <sup>th</sup> International Conference on Expert Clouds and Applications (ICOECA-2024)	April 2024
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### List of National Conferences

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year
1.	G.Sivakamasundari	Role of Engineering Faculties and Students for Global Expectations	ISTE TN & P Annual Convention	08/11/2014
2.	G.Sivakamasundari	Sales Prediction using Machine Learning	AICTE sponsored National online conference on Data Science and Intelligent Information Technology	14/05/2021 & 15/05/2021
3.	G.Sivakamasundari	Efficient Management of files in the cloud using a desktop application	AICTE sponsored National online conference on Data Science and Intelligent Information Technology	14/05/2021 & 15/05/2021

### List of Seminars / Workshops Attended

S.No	Institution	Topic	Course Detail	Date
1.	Thiagarajar College of Engineering, Madurai	Demystifying Large Language Models with Responsible AI	Faculty Development Program	19/08/2024 to 23/08/2024
2.	AICTE ATAL Skill India and edunet Foundation	Building advanced Data Analytics Applications with Cloud	Faculty Development Program under Next Gen Employability Program	18/12/2023 to 22/12/2023
3.	IBM SkillsBuild	Data Analytics with Cognos	Faculty Buildathon	21/11/2023 to 2/12/2023
4.	NPTEL Online Course	Design Thinking–A Primer	FDP	Jul to Aug 2023
5.	IIIT Kalyani, West Bengal	Statistical and Machine Learning Techniques with Applications	Faculty Development Program	2/1/2023 to 6/1/2023
6.	NPTEL AICTE FDP	Python for Data Science	4 weeks	Jan to Feb 2022
7.	NIT, Warangal	Python for Artificial Intelligence and Machine Learning	Faculty Development Program	6/09/2021 to 10/09/200

8.	Institute for Academic Excellence(IAE)& Technical education Department, Telangana	Research Paper Publication	Research Webinar	28/08/2021
9.	Mathworks Training Services Online workshop	Machine Learning with Matlab	Mathworks Training Services	14/12/2020
10.	Mathworks Training Services Online workshop	Deep Learning with Matlab	Mathworks Training Services	15/12/2020 & 16/12/2020
11.	AICTE	Inculcating Human Values in Technical Education	Online workshop on Universal Human Values	2/11/2020 to 6/11/2020
12.	National Engineering College, Kovilpatti	Faculty Development program on Entrepreneurship	DST Sponsored Faculty Development program	02.12.2019 to 14.12.2019
13.	Pondicherry Engineering College, Puducherry	Big Data Analytics with HADOOP	TEQIP-III Sponsored Workshop	10.10.2019 & 11.10.2019
14.	National Engineering College, Kovilpatti	Workshop on Artificial Intelligence and Deep learning	3 days workshop by leadingindia.ai	28/12/2018 to 30/12/2018
15.	National Engineering College, Kovilpatti	IARCS technically sponsored Algorithmic Game Theory	2days Instructional course	20/07/2018 to 21/07/2018
16.	Jilaba Software Services Ltd., Chennai	Java and SQL	One week Industrial Training	10/09/2018 to 16/09/2018
17.	MNIT,Jaipur	GIAN Course on Advanced Pattern Recognition Techniques	One week	26/03/2018 to 30/03/2018
18.	National Engineering College, Kovilpatti	Technology Enabled Learning Process	2 days	May2017
19.	National Engineering College, Kovilpatti	Research Aspirants Meet	Workshop	07/01/2016 & 08/01/2016
20.	National Engineering College, Kovilpatti	Formulation of Research and Development Grant Proposals by Scientists and Technologists	Workshop	18/11/2015& 20/11/2015
21.	Sri Ramakrishna Engineering College	Recent Trends in Embedded Systems Design	AICTE Sponsored two weeks summer winter school	11/05/2015to 24/05/2015
22.	National Engineering College, Kovilpatti	NPTEL workshop	NPTEL workshop	20/03/2015

23.	National Engineering College, Kovilpatti	Empowering Indian Engineering Education for Global Expectations	ISTE TN&P Annual Convention	07/11/2014& 08/11/2014
24.	Mepco Schlenk Engineering College, Sivakasi	Applications of Evolutionary Techniques for Satellite Image Processing	FDP	20/05/2013to 02/06/2013
25.	Mepco Schlenk Engineering College, Sivakasi	Recent Trends and Research Issues in Semantic Based Image Analysis	Seminar	10/10/2012& 11/10/2012
26.	National Engineering College, Kovilpatti	Smart Ph.D Planning	Workshop	11/08/2012
27.	National Engineering College, Kovilpatti	Network Programming and Management	Staff Development Programme	07/06/2012 to 12/06/2010
28.	National Engineering College, Kovilpatti	Advanced Workshop	Wipro Sponsored Mission10X Staff Development Programme	31/03/2010 to 01/04/2010
29.	National Engineering College, Kovilpatti	High Impact Teaching Skills	Staff Development Programme	30/11/2009 to 04/12/2009
30.	National Engineering College, Kovilpatti	Number Theory and its Recent Research Directions In Cryptography	CSIR Sponsored National Seminar	05/06/2009& 06/06/2009
31.	National Engineering College, Kovilpatti	Matlab and its applications	Workshop	02/01/2009& 03/01/2009
32.	KLN College of Information Technology, Madurai	C#and.NET	Workshop	17/07/2008& 18/07/2008
33.	SSN College of Engineering, Chennai	Theory of Computation	FDTP	21/05/2007 to 02/06/2007
34.	National Engineering College, Kovilpatti	Research Motivation	Workshop	10/11/2006 & 11/11/2006

### Online courses attended

S.No	Institution	Topic	Course Detail	Date
1.	NPTEL Online Course	Programming in Java	12 weeks	Jul-Oct2023
2.	NPTEL Online Course	Design Thinking–A Primer	4 weeks	Jul–Aug2023
3.	NPTEL Online Course	Python for Data Science	4 weeks	Jan-Feb2022
4.	AmazonWeb Services	Getting Started with Data Analytics on AWS	Coursera	15/10/2021
5.	Sololearn	Python for Data Science	Sololearn Online certification	04/09/2021
6.	Sololearn	Python Data Structures	Sololearn Online certification	18/08/2021

7.	Sololearn	Python for Beginners	Sololearn Online certification	02/08/2021
8.	NPTEL Online Course	Problem Solving through Programming in C	12 weeks	Sep to Dec 2020
9.	InfosysLtd.	Database Management System through INFYTQ platform	Faculty Enablement Program	3/08/2020to 7/08/2020
10.	Cornell University	Programming Fundamentals	Coursera	May2020
11.	University of Washington	Machine Learning Foundations : A case study approach	Coursera	May2020
12.	NPTEL Online Course	The Joy of Computing using Python	12 weeks	July to Oct 2019
13.	NPTEL Online Course	Computer Architecture	12 weeks	Jul to Oct 2018
14.	NPTEL Online Course	Fundamentals of Database Management System	8 weeks	July2017
15.	NPTEL Online Course	Introduction to Research	10 Hours course	Jan to Feb 2016
16.	IIT, Madras	NPTEL Online Certification Course for Mentors	NPTEL workshop	15/03/2014
17.	IIT, Madras	NPTEL Online Certification Course	NPTEL workshop	25/02/2014

### Funded Seminars Organized

S.No	Title	Duration of the workshop	Grant Received	Number of Participants	Venue
1.	Recent Trends and Research Directions of Deep Learning in Natural Language Processing	CIIL sponsored 2 days National Seminar 29/01/2020and 30/01/2020	Rs.30,000	40	National Engineering College, Kovilpatti
2.	Recent Trends and Research Issues in Cloud Computing	DST sponsored 2 days National Seminar 9/10/2009 and 10/10/2009	Rs.40,000	40	National Engineering College, Kovilpatti

### Shortterm / Value Added Courses Organized

S.No	Title	Duration of the workshop	Number of Participants	Venue
1.	Supervised Machine Learning Techniques–A Practical workflow	July 2023 to September 2023	17	National Engineering College, Kovilpatti
2.	Python programming for Beginners	22/11/2021to 08/12/2021	120	National Engineering College, Kovilpatti



3.	Exploring Database Management Systems	2017	30	National Engineering College, Kovilpatti
4.	Flavors of C and C++	2012-2013 2013-2014	30	National Engineering College, Kovilpatti

#### **Guest Lectures:**

- Guest Lecture on ‘Research Challenges in Machine Learning’ on 21/11/2024 in PSN College of Engineering and Technology, Tirunelveli.
- Guest Lecture on ‘Object Oriented Programming Overview’ on 11/12/2024 in SCAD College of Engineering and Technology, Cheranmahadevi.

#### **Additional Responsibilities Held:**

- AICTE, Anna University Affiliations, UGC, Governing Council & NAAC, NIRF, ARIIA report preparation in department level upto 2023-2024
- Annual Report preparation for CSE Department
- Bulletin preparation for CSE Department
- Tutor meeting Coordinator
- Tutor and Class In-charge
- Placement Coordinator
- Lab In-charge for Common Computer Lab
- Panel of Examiners Performa Preparation
- BOS Internal Member of National Engineering College
- In-charge for webpage design for the academic year 2012-2013.
- NAAC Criteria-5 Coordinator
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- Rotaract club Staff In-charge for the academic year 2018-2019 and 2019– 2020
- One of the NAAC Coordinator 2024-2025 in department level
- NBAC Criteria-7 Coordinator in 2024-2025 in department level
- AI&DL, CC Lab In-charge for the academic year 2024-2025
- EDC and IIC representative for the academic year 2024-2025

G.Sivakamasundari

Kovilpatti,  
02/01/2025