

## RESUME

**Name** : G.SIVAKAMASUNDARI  
**Designation** : ASSISTANT PROFESSOR(SG)  
**Date of joining in the college** : 01/06/2006  
**E-mail Id** : gsscse@nec.edu.in  
**Mobile Number** : 9443891192  
**Personal Details**  
**Age** : 49  
**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	Manonmanium 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

**No. of years of Experience** i.NEC: 16 Years 2 months      ii. Other Colleges: 5 Years 1Month

## 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, Issue 1, pp. 26-32	2018
3.	G.Sivakamasundari	Video authentication and data hiding using digital watermarking	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET)	Vol. 5, Special Issue 5, pp. 3-6	March 2018
4.	G.Sivakamasundari	Online Election Application	International Journal of Scientific & Technology Research (IJSTR)	Vol.9, Issue 01, pp. 4246-4249	Nov 2019
5.	G.Sivakamasundari	Stock Picker using Machine Learning	International Journal of Recent Technology and Engineering (IJRTE)	Vol.8, Issue 6, pp. 3912-3914	March 2020
6.	G.Sivakamasundari	Sales prediction using machine learning	AIP Conference Proceedings	Volume 2444, Issue 1	March 2022
7.	G.Sivakamasundari	Efficient management of files in the cloud using a desktop application	AIP Conference Proceedings	Volume 2444, Issue 1	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

### 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 ICETAC 2K17	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 ICETAC 2K17	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.	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

### List of National Conferences

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year
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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.	NPTEL AICTE FDP	Python for Data Science	4 weeks	Jan to Feb 2022
2.	NPTEL Online Course	Python for Data Science	4 weeks	Jan to Feb 2022
3.	Amazon Web Services	Getting Started with Data Analytics on AWS	Coursera	15/10/2021
4.	NIT, Warangal	Machine learning and Deep learning applications	Faculty Development program	6/09/2021 to 10/09/2021
5.	Institute for Academic Excellence (IAE) & Technical education Department, Telangana	Research Paper Publication	Research Webinar	28/08/2021
6.	Sololearn	Python for Data Science	Sololearn Online certification	04/09/2021
7.	Sololearn	Python Data Structures	Sololearn Online certification	18/08/2021
8.	Sololearn	Python for Beginners	Sololearn Online certification	02/08/2021

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.	NPTEL Online Course	Problem Solving through Programming in C	12 weeks	Sep to Dec 2020
13.	Infosys Ltd.	Database Management System through INFYTQ platform	Faculty Enablement Program	3/08/2020 to 7/08/2020
14.	Cornell University	Programming Fundamentals	Coursera	May 2020
15.	University of Washington	Machine Learning Foundations: A case study approach	Coursera	May 2020
16.	NPTEL Online Course	The Joy of Computing using Python	12 weeks	July to Oct 2019
17.	National Engineering College, Kovilpatti	Faculty Development program on Entrepreneurship	DST Sponsored Faculty Development program	02.12.2019 to 14.12.2019
18.	Pondicherry Engineering College, Puducherry	Big Data Analytics with HADOOP	TEQIP-III Sponsored Workshop	10.10.2019 & 11.10.2019
19.	National Engineering College, Kovilpatti	Workshop on Artificial Intelligence and Deep learning	3 days workshop by leadingindia.ai	28/12/2018 to 30/12/2018
20.	National Engineering College, Kovilpatti	IARCS technically sponsored Algorithmic Game Theory	2days Instructional course	20/07/2018 to 21/07/2018
21.	NPTEL Online Course	Computer Architecture	12 weeks	Jul to Oct 2018

22.	Jilaba Software Services Ltd., Chennai	Java and SQL	One week Industrial Training	10/09/2018 to 16/09/2018
23.	MNIT, Jaipur	GIAN Course on Advanced Pattern Recognition Techniques	One week	26/03/2018 to 30/03/2018
24.	NPTEL Online Course	Fundamentals of Database Management System	8 weeks	July 2017
25.	National Engineering College, Kovilpatti	Technology Enabled Learning Process	2 days	May 2017
26.	NPTEL Online Course	Introduction to Research	10 Hour course	Jan to Feb 2016
27.	National Engineering College, Kovilpatti	Research Aspirants Meet	Workshop	07/01/2016 & 08/01/2016
28.	National Engineering College, Kovilpatti	Formulation of Research and Development Grant Proposals by Scientists and Technologists	Workshop	18/11/2015 & 20/11/2015
29.	Sri Ramakrishna Engineering College	Recent Trends in Embedded Systems Design	AICTE Sponsored two weeks summer winter school	11/05/2015 to 24/05/2015
30.	National Engineering College, Kovilpatti	NPTEL workshop	NPTEL workshop	20/03/2015
31.	National Engineering College, Kovilpatti	Empowering Indian Engineering Education for Global Expectations	ISTE TN&P Annual Convention	07/11/2014 & 08/11/2014
32.	IIT, Madras	NPTEL Online Certification Course	NPTEL workshop	25/02/2014
33.	IIT, Madras	NPTEL Online Certification Course for Mentors	NPTEL workshop	15/03/2014
34.	Mepco Schlenk Engineering College, Sivakasi	Applications of Evolutionary Techniques for Satellite Image Processing	FDP	20/05/2013 to 02/06/2013
35.	Mepco Schlenk	Recent Trends and	Seminar	10/10/2012 &

	Engineering College, Sivakasi	Research Issues in Semantic Based Image Analysis		11/10/2012
36.	National Engineering College, Kovilpatti	Smart Ph. D Planning	Workshop	11/08/2012
37.	National Engineering College, Kovilpatti	Network Programming and Management	Staff Development Programme	07/06/2012 to 12/06/2010
38.	National Engineering College, Kovilpatti	Advanced Workshop	Wipro Sponsored Mission 10X Staff Development Programme	31/03/2010 to 01/04/2010
39.	National Engineering College, Kovilpatti	High Impact Teaching Skills	Staff Development Programme	30/11/2009 to 04/12/2009
40.	National Engineering College, Kovilpatti	Number Theory and its Recent Research Directions in Cryptography	CSIR Sponsored National Seminar	05/06/2009 & 06/06/2009
41.	National Engineering College, Kovilpatti	Matlab and its applications	Workshop	02/01/2009 & 03/01/2009
42.	KLN College of Information Technology, Madurai	C# and .NET	Workshop	17/07/2008 & 18/07/2008
43.	SSN College of Engineering, Chennai	Theory of Computation	FDTP	21/05/2007 to 02/06/2007
44.	National Engineering College, Kovilpatti	Research Motivation	Workshop	10/11/2006 & 11/11/2006

#### **Short term Courses / Conferences / Workshops/ Seminars Organized**

<b>S.No</b>	<b>Title</b>	<b>Duration of the workshop</b>	<b>Number of Participants</b>	<b>Venue</b>
1.	Recent Trends and Research Issues in Cloud Computing	DST sponsored 2 days National Seminar 9/10/2009 and 10/10/2009	40	National Engineering College, Kovilpatti
2.	Flavors of C and C++	2012-2013 2013-2014	30	National Engineering College, Kovilpatti
3.	Exploring Database Management Systems	2017	30	National Engineering College, Kovilpatti
4.	Recent Trends and Research Directions of Deep Learning in Natural Language Processing	CIIL sponsored 2 days National Seminar 29/01/2020 and 30/01/2020	40	National Engineering College, Kovilpatti
5.	Python programming for Beginners	Value Added Course 22/11/2021 to 08/12/2021	120	National Engineering College, Kovilpatti

### Membership in Professional bodies

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

### Additional Responsibilities Held:

- Preparing various reports such as AICTE compliance and Anna University Affiliation from 2011 to till date.
- Tutor meeting Coordinator from 2013 to till date.
- Panel of Examiners Performa Preparation 2012-2013
- Report preparation of CSE Department for Dean R&D.
- Monthly Activities preparation for Dean Academic from 2013 to till date.
- Annual Report preparation for CSE Department for 2012-2013 and 2013-2014
- Bulletin preparation for CSE Department 2012-2013 and 2013-2014
- One of the NBA member and coordinated in preparing criteria 1 during NBA accreditation in 2013-2014.
- In charge for web page design for the academic year 2012-2013.
- NBA co-ordinator for Criteria 5 for the academic year 2019-2020
- AICTE, NIRF, ARIIA, Anna University Affiliation report preparation for the academic year 2018 – 2019, 2019-2020.

### Others:

- One of the placement coordinator in CSE department.
- Organizer for one day spoken tutorial project on “java” developed by IIT, Bombay on 09/07/2014.
- Rotaract club Assistant staff In-charge for last year staff In-charge for the c academic year 2018-2019
- Rotaract club Staff In-charge for the academic year 2019 – 2020
- Participated in SIH Finale in 2022 at Ahmedabad.

