

COMPUTER APPLICATIONS

1. Name : S.SIVASAKTHI
2. Department : COMPUTER APPLICATIONS
3. Designation : ASSISTANT PROFESSOR
4. Date of Joining : 12/06/2013
5. Phone Numbers : 7708775930
6. E-mail i.d. : sivasakthi@gvncollege.edu.in



7. Educational Qualifications:

Qualification	Title/Course	University	Year
M.Phil	Computer Science	MK University	2017
MCA	Computer Applications	Kalasalingam University	2010
B.Sc(CS)	Computer Science	MS University	2007

8. Positions Held / Career Profile : Assistant Professor
9. Teaching Experience : 10 Years
10. Area of Specialization : Deep Learning, Image Processing
11. Courses and Subjects Taught :

Course	Subjects
B.Sc	Digitai Design,C Programming,C++,Java,VB,Computer Architectute,Wireless Application Development,Operating System,Software Engineering,E-Commerce,Cloud Computing,Big Data, Data Mining,Computer Graphics,Television,Fundamentals of Computer,Data Structure,Multimedia,HTML,RDBMS
M.Sc	Internet Programming,.NET,Soft Computing,Data Mining,Design And Analysis of Algorithms,Advanced Java Programming, Mobile Computing,Object Oriented System Development,ADBMS

12. Publications

a) Journals:

S. No	Title of the Article	International/ National Journal Name with details	Month & Year of Publication	ISBN/ ISSN number
1	Security Based On Elliptical Curve Cryptography (ECC) National Conference On	National Conference On Advanced Research Techniques In Information Technology	November 2014	ISBN: 978 - 93 – 82570 - 43– 1
2	Performance Analysis Of Data De-Duplication Chunking Technologies	National Conference On Advanced Research Techniques In Information Technology	November 2014	ISBN: 978 - 93 – 82570 -43 – 1
3	Survey On Association Mining Rules	Fifth National Conference On Computer Science And Applications NCCSA'16	March 2016	Proceedings with ISBN No
4	Wearable Sensors In Health Monitoring Systems	International Journal Of Advanced Research In Basic Engineering Sciences And Technology (IJARBSET)	March 2017	Pp:108 -114 ISSN (Online): 2456:5717. Volume 3, Special Issues 36
5	Review On Data Mining Its Future Trends And Challenges	1 st International Conference On “Applied Soft Computing Techniques (ICASCT'17)”	April 2017	ISBN: 978 - 93 – 86176 - 82– 0 Pp :301 - 305
6	A Review On Image Processing Techniques, Applications & Future Scope	UGC Sponsored National Seminar	April 2017	ISBN:978-8-19-2006-08-7
7	E-Commerce In Technological View	International Journal of Research and Analytical Reviews	Sep 2018	ISSN: 2349 - 5138 EISSN: 2348 - 1269 UGC NO:4362 Pp : 90 - 97 Impact Factor 5.75 Cosmos Impact Factor 4.236
8	A Study On Morphological Processing And Its Operations	Journal Of Analysis And Computation (JAC) (An International Peer Reviewed Journal)	Jan 2019.	ISSN 0973-2861,
9	A Survey on Challenges Process and Applications of Big Data Analytics	National Level Seminar On Online Publishing, Plagiarism And Research Integrity	Feb 2019	ISBN: 978-93-85469-06-0

10	Plant Leaf Disease Identification Using Image Processing and SVM, ANN Classifier Methods	Journal of Analysis and Computation (JAC) (An International Peer Reviewed Journal)	Jan 2020	ISSN 0973-2861
11	Revision Of Models And Functionalities In Data Mining Process	IJARSE: International Journal of Advance Research in Science and Engineering Impact Factor 6.1	Apr 2021	ISBN: 978-81-952307-3-0
12	A Study on Early Covid-19 Detection Using Deep Learning Techniques	International Virtual Conference on Scientific and Technological Convergence "ICSTC – 2021"	Aug 2021	ISBN:978-81-951315-4-9
13	A Study on Computer-Aided Diagnosis System using Deep Learning for COVID – 19 Classification	Shodhsamhita	Mar 2022	ISSN 2277-7067 UGC CARE Group1 Volume IX, Issue-III(I) Impact Factor:4.95
14	Study On Detection and Classification of Cervical Cancer In Pap Smear Images Using Feature Extraction Techniques	III. International Conference on Global Practice of Multidisciplinary Scientific Studies.Turkiye	Nov 2022	ISBN: 978-625-6380-10-3
15	A Study of the Neuro Learning Model to Diagnosis of the (COVID-19)	Information and Communication Technology for Competitive Strategies (ICTCS 2022)	Dec 2022	DOI: 10.1007/978-981-19-9638-2 ISBN 978-981-19-9303-9 Due: 30 May 2023, eBook ISBN 978-981-19-9304-6 Series ISSN 2367-3370, Series E-ISSN 2367-3389, Edition Number1
16	Cervical-Cancer Detection And Classification Based On The Convolutional Neural Network Method Using Pap-Smear Images	2. International Black Sea Modern Scientific Research Congress,RIZE,Turkiye	Dec 2022	ISBN: 978-625-6404-16-8
17	Predicting And Classifying The Initial Stage Cervical Cancer Based On Deep Learning Approach	5th International Conference on Emerging Trends in Science, Technology and Mathematics (ICETSTM'23)	Jan 2023	ISSN:2349-5162 UGC No:6397 Impact Factor:7.95 Volume-10, Issue:3 www.jetir.org
18	Deep Transfer Learning Based Classification Model For COVID -19 Using Lung CT– Scans	8th International Conference on COVID-19 Studies, at Adana,Turkiye	Mar 2023	ISBN: 978-625-367-007-8

b)Books : NIL

13. Conference/Symposia/Workshops Attended

S.No	Nature of Training (Academic/ Administration)	Theme	Name of the Institutions	Duration	
				From	To
1.	Workshop	Hands–On training on NS–2	National Engineering College	05-08-2015	07-08-2015
		Statistical Methods and Applications	G.Venkataswamy Naidu College	08-02-2016	09-02-2016
		Big Data Analytics and Visualization Tools	Mepco Schlenk Engineering College	20-12-2018	21-02-2018
		E – Content Development”	S.R.N.M College	14-07-2017	14-07-2019
		Prototype – Career Readiness for Hackers	G.Venkataswamy Naidu College	19-08-2021	-
		Machine Learning with ACM Student Chapter	Vallurupalli Nageswara rao Vignana Jyothi Institute of Engineering and Technology	02-09-2021	04-09-2021
		NET/SET/GAT Exam Preparation	Pratibha College of Commerce and Computer Studies, Chinchwad, Pune.	14-09-2021	18-09-2021
		Bloom’s Taxonomy Based Question Paper Design For Outcome Based Education	Ayya Nadar Janaki Ammal College, Sivakasi.	27-09-2021	-
2.	Refresher Course	UGC sponsored Staff Competence Building Programme	G.Venkataswamy Naidu College	03-06-14	04-06-14
		ICTACT Bridge 2014	Hotel Fortune Pandiyan	15-10-14	15-10-14
		IOT and Its Application in Industry	Sikkim Manipal Institute of Technology	19-07-2021	24-07-2021
		Quality Enhancement of Research in HEIs	PSGR Krishnammal College for Women, Coimbatore	23-09-2021	25-09-2021
		Enhancing Young Minds	Sathyabama Institute of Science and Technology ,Chennai.	04-10-2021	12-10-2021
3.	Orientation Course	Oracle Academy English Database Design and Database Programming with SQL	Sethu Institute of Technology	11-11-14	14-11-14
		Salesforce Academic Summit 2018	ITC Grand Chola	08-05-18	08-05-18
		Research Issues And Challenges In Image Processing	G.Venkataswamy Naidu College	11-09-14	12-09-14
		Cloud Computing for Genomics Analysis	National Engineering College	09-07-15	10-07-15
		UGC Sponsored two Days National Seminar	G.Venkataswamy Naidu College	17-04-17	18-04-17
		National Level Seminar on Online publishing, Plagiarism and Research Integrity	V.H.N.S.N College	15-02-19	15-02-19
		Future Tech: Storming Trends in Computing	S.R.N.M College	06-08-19	06-08-19

4.	Seminars	(FTSTC' 19)			
		Research Area in Big data Analytics	Mohamed Sathak A J College of Engineering, Chennai.	08-06-2021	-
		Information Security: Data Privacy and Protection	AMET Deemed to be University, Chennai.	18-06-2021	-
		Enhance Immunity Through Yoga	G.Venkataswamy Naidu College	21-06-2021	-
		Multidisciplinary Research Perspective Towards Sustainable Development Goals	Sri Krishna College of Engineering and Technology, Coimbatore.	17-08-2021	-
		Solar PV Power Generation and Applications	G.Venkataswamy Naidu College	04-09-2021	-
		Current Trends in IT	Dr.M.G.R.Educational and Research Institute, Chennai.	24-09-2021	-
		Software Agile as a Life Skill	G.Venkataswamy Naidu College	25-09-2021	-
		Practical Debugging for Data Science	Government Engineering college, Rajkot	20-10-2021	-
	SPSS – The Research Oriented Data Analysis Tool	CSI Jayaraj Annapackiam College, Tirunelveli.	04-12-2021	-	
7.	FDP	Programming with SQL	Sethu Institute of Technology	11-11-14	14-11-14
		ASP .NET Programming	G.Venkataswamy Naidu College	02-03-15	06-03-15
		J2EE Programming	Sethu Institute of Technology	16-03-15	20-03-15
		Entrepreneurship Development Program	Thiagaraja Engineering College	13-10-16	15-10-16
		Personal and Professional Transformation	G.Venkataswamy Naidu College	01-12-16	02-12-16
		Trailhead Developer Educator Workshop	Mepco Schlenk Engineering College	29-08-17	01-09-17
		Introduction To R Programming	G.Venkataswamy Naidu College	22-08-18	23-08-18
		Faculty Development Programme on MOOC's	G.Venkataswamy Naidu College	10-09-18	10-09-18
		Living as an Educationalist!?	G.Venkataswamy Naidu College	08-12-18	08-12-18
		IOT and Cloud Computing	K.C.College of Engineering and Management Studies & Research,Thane.	17-06-2021	19-06-2021
		Application of Artificial Intelligence and machine Learning with Digital Image Processing	Panimalar Institute of Technolgy,Chennai.	21-06-2021	26-06-2021
		Recent Trends In Cyber Security Domain	Manonmaniam Sundaranar University,Tirunelveli.	05-07-2021	09-07-2021
		The Era Of Change – Recent Advancements Of Machine Learning In Terms Of Ai & Iot	SRM Institute of Science and Technology. Chennai.	12-07-2021	25-07-2021
		Edge Computing Technologies for Smart Factory Automation and	Kongu Engineering College	16-08-2021	20-08-2021

		Industry 4.0			
		Preparation for NAAC	Ayya Nadar Janaki Ammal College, Sivakasi.	21-09-2021	23-09-2021
		Strategies to Crack UGC NET/SET examinations	Hindusthan College of Arts and Science, Coimbatore.	11-10-2021	20-11-2021
		Recent Trends In Artificial Intelligence And Cyber Security	Shri Vishnu Engineering College for Women(A), Bhimavaram	01.11.2022	05.11.2022
		Role Of Research & Publication Ethics In Academia	RESEARCH CELL & SCHOOL OF MANAGEMENT STUDIES (PG),Park's College,Tirupur	26.11.2022	
		Societal Applications Of Machine Learning	Shri Vishnu Engineering College for Women (A), Bhimavaram	26.12.2022	30.12.2022
		Research and Methodology in Computer Science	KG College of Arts and Science	23.01.2023	28.01.2023

14. Conference/Symposia/Workshops Organised

S.No	Name of the Seminar/ Workshop Organised	Funding Agency	Venue & Date
1	National Conference on Advanced Research Techniques in Information Technology	SELF	07-11-2014,G.Venkataswamy Naidu College

15. Ongoing/Completed Research Projects.

S. No.	Title of the Project	Amount Sanctioned In Rs.	Name of the Funding Agency	Date of Sancion	Period of the Project
1	Detection and classification of cervical cancer in pap smear images using feature extraction techniques	15,000	SELF	11.10.2022	6 months

16. Administrative Experience (Club Convener/NSS/IQAC)

S.No	Position held	Name of the Institution	From	To	Years of Experience
1	Handbook Committee(Member)	G.Venkataswamy Naidu College	2022	2023	1
2	NSS (Member)	G.Venkataswamy Naidu College	2017-19	2021-23	4
3	Alumni (Member & Convenor)	G.Venkataswamy Naidu College	2021	2023	2
4	NPTEL(Member)	G.Venkataswamy Naidu College	2019	2020	1
5	ICTACT(Member)	G.Venkataswamy Naidu College	2017	2018	1
6	PTA(Member)	G.Venkataswamy Naidu College	2016	2107	1
7	EDC(Member)	G.Venkataswamy Naidu College	2015-16	2020-21	2

17. Areas of Interest:

Academic	DEEP LEARNING, DATA MINING, IMAGE PROCESSING
Non-Academic	Soft Skills

18. Any Other: (NPTEL etc.,)

Got Spoken Tutorial Certificates on

- **GIT AND KOTLIN**
- **PHP AND MYSQL**
- **ARDUINO**
- **C & C++**
- **PERL SCRIPTING**
- **LINUX BASICS AND GITHUB**
- **R LANGUAGE AND R STUDIO**
- **MOODLE LEARNING MANAGEMENT SYSTEM**

It is certified that all the information provided are true to the best of my knowledge.

(Endorsement by the Principal)



Signature of the Faculty