

PROFORMA FOR BIODATA

1. Name : Dr. Srinaganya. G.
2. Designation : Assistant Professor
3. Department : Computer Applications
4. Correspondence Address : National College (Autonomous)
Karumandapam,
Trichy – 620001.
5. Email and Contact number : srinaganya@nct.ac.in
6. Date of Birth : 11-02-1978
7. Gender : Female
8. Category (Gen/SC/ST/SCA/DNC/MBC/BCM/BC) : BC
9. Whether differently abled : NA
10. Academic Qualification

	Degree	Year	Subject	University/Institution	% of Marks
1.	Ph.D.	2017	Computer Science	Bharathidasan Univeristy	Awarded
2.	M.Phil	2006	Computer Science	Bharathidasan University	81%
3.	MCA	2005	Computer Applications	Annamalai University	74%

11. Ph.D thesis title : An Improved Candidate Transaction Page Rank Algorithm for Web Search Engines using Classification Techniques
Guide's Name : Dr. J. G. R. Sathiaseelan
Institution/ University : Bishop Heber College (A), Trichy / Bharathidasan University
Year of Award : 2017

12. Work Experience

S. No.	Position held	Name of the Institute	From	To	Pay Scale
1.	Assistant Professor	National College (A), Trichy.	10-09-2022	Till Date	
2.	Assistant Professor	Urumu Dhanalakshmi College, Trichy.	28-02-2020	09-09-2022	
3.	Assistant Professor	Shrimati Indira Gandhi College, Trichy.	16-04-2018	23-10-2019	
4.	Assistant Professor & Head	RVS College of Arts and Science, Trichy.	23-08-2017	17-03-2018	

5.	Assistant Professor	RVS College of Arts and Science, Trichy.	01-02-2017	22-08-2017	
6.	Full Time Ph.D. Research Scholar and Mentor	Bishop Heber College, Trichy.	31-10-2014	30-09-2016	
7.	Programmer	Shrimati Indira Gandhi College, Trichy.	29-06-2012	31-10-2014	
8.	Programmer	National College, Trichy.	01-08-2007	02-04-2008	

13. Professional Recognition/ Award/ Certificate/ Fellowship received by the applicant - NIL

14. Publications

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	M. Gayathri and Dr. G. Srinaganya	Advancements in Edge Computing: A Comprehensive Survey on their Application and Impact of Machine Learning with AI in Data Security	International Journal of Advanced Research in Science, Engineering and Technology	11	21743 - 21747	April 2024
2.	M. Gayathri and Dr. G. Srinaganya	Comprehensive Exploration of Cloud and Edge Computing Security: Defense Mechanisms, Adaptive Algorithms and Threat Detection Strategies	International Journal of Research in Computer Applications and Robotics	12	28-33	April 2024
3.	M. Gayathri and Dr. G. Srinaganya	Secure and Efficient cloud storage based on key aggregate searchable encryption for group data sharing	International Journal of Novel Research and Development	8(2)	510-513	2023
4.	P. Indiasolai and Dr. G. Srinaganya	Survey on Drug Selection for Efficient Decisive Support Systems using Graph Mining	Proceedings of International Conference on Smart Innovative Technologies on Data Analytics	ISBN: 978-93-83191-92-5	152-156	May 2023
5.	Dr. G. Srinaganya and Ms. A. Kirba	Heart disease prediction system using Data mining Techniques	Journal of Emerging Technologies and Innovative Research	6	17-26	June 2019

6.	Dr. G. Srinaganya and Ms. A. Kiruba	A Survey on Heart Disease Prediction Using Data Mining Techniques	International Journal of Computer Sciences and Engineering	7	877-880	May 2019
7.	Dr. G. Srinaganya	Poisson Process Based Predictive Model Application for Online Customer Purchasing Behavior	International Journal of Scientific Research in Computer Science Applications and Management Studies	8	1-3	March 2019
8.	Dr. G. Srinaganya	Simulation of Stochastic Geometric Brownian Motion of Stock Market – Using R Programming	International Journal of Computer Sciences and Engineering	6	156-160	July 2018
9.	Dr. G. Srinaganya and Ms. Vichitra. M.	Exchanging secure data in cloud with confidentiality and privacy goals	International Research Journal of Engineering and Technology	5	769-772	2018
10.	Dr. G. Srinaganya and Ms. Sowmiya.S.	Security Enhancement In Manet By Proposed Fuzzy Trust Routing Scheme	International Journal Of Advanced Research Trends In Engineering And Technology	5	1033-1051	April 2018
11.	G. Srinaganya and Dr. J. G. R. Sathiaseelan	An Enhanced Candidate Transaction Rank Accuracy Algorithm using SVM for Search Engines	Indian Journal of Science and Technology	10(31)	1-11	2017
12.	G. Srinaganya and Dr. J.G.R. Sathiaseelan	An Improved Candidate Transaction PageRank Algorithm using Classification Techniques for Web Search Engines	International Journal of Control Theory and Applications	9	551-559	2016
13.	G. Srinaganya and Dr. J.G.R. Sathiaseelan	Candidate Transaction PageRank Algorithm using AdaBoost for Web Search Engines	World Applied Sciences Journal	34	128-139	2016
14.	G. Srinaganya and Dr. J.G.R. Sathiaseelan	Candidate Transaction Rank Accuracy Algorithm for Online Social Networks	Middle-Ease Journal of Scientific Research	23	2868-2874	2015

15.	G. Srinaganya and Dr. J.G.R. Sathiaseelan	Discovering a Solution for Web Hubs using Candidate Transaction Rank Algorithm	International Journal of Applied Engineering and Research	10	137-141	2015
16.	G. Srinaganya and Dr. J.G.R. Sathiaseelan	A Technical Study on Information Retrieval using Web Mining Techniques	2015 IEEE ICIECS	---	1-5	2015
17.	C. Sakthipriya, G. Srinaganya, Dr. J. G. R. Sathiaseelan	Knowledge Acquisition using E- Brainstorming Technique on Educational Data	International Journal of Advanced Research in Computer Engineering	4	3195-3201	2015
18.	C. Sakthipriya, G. Srinaganya, Dr. J. G. R. Sathiaseelan	An Analysis of Recent Trends and Challenges in Web Usage Mining Applications	International Journal of Computer Science and Mobile Computing	4	41-48	2015
19.	Dr. M. Manimekalai, Ms. M. Anusha, and Ms. G. Srinaganya	Cluster Analysis on Statistical Data using Agglomerative Method	International Journal in Information Science and Application	5	33-38	2013
20.	Ms. M. Anusha, and Ms. G. Srinaganya	Measuring Stress using Saliva Data Sets	International Journal in Information Science and Application	5	39-44	2013

h-index : 1

i10 index : 0

Total citations : 8

15. Details of patents :

16. Books/ Reports/Chapters/General articles etc

S. No	Title	Author's Name	Publisher	Year of Publication
1.	Graph Mining and Algorithms	Dr. Srinaganya. G. & Ms. P. Indiasolai	JSR Publications	2024
2.	Cloud and Edge Computing Techniques	Dr. Srinaganya. G. & Ms. Gayathri	JSR Publications	2024

17. Research guidance

Ph.D. : Awarded : NIL
Submitted : NIL
On going : 04
M.Phil. : Awarded : 03
M.Sc. Dissertation : Awarded : 10
MCA Dissertation : Awarded : 05

18. List of Completed/Ongoing/Submitted projects :

S.No	Title of the Project	Duration		Total Cost (Rs.)	Name of Funding Agency	Status
		From	To			

(a) Major Results/ Highlights of the project including achievement(publications, patents etc.), for *completed projects*

(b) Up-to date Technical progress report for *on-going projects*.

19. Membership :

(a) Professional bodies

(b) Editorial board

(c) Advisory board

(d) Academic bodies : DC Member : Jamal Mohamed College, Trichy.
Cauvery College for Women, Trichy.
Urumu Dhanalakshmi College, Trichy.
Sri Saradha College Arts and Science for Women, Perambalur.

20. Countries visited :

21. Any other Information :

DECLARATION:-

I certify that the foregoing information is correct and complete to the best of my knowledge and belief.

Place: Trichy
Date: 18-07-2024

G.SRINAGANYA.
Signature