

Name : Dr. S. Krishnaveni

Designation : Assistant Professor

Department : Data Analytics (PG)

Qualification : M.C.A., M.Phil., Ph.D.,

Experience : Teaching -15 Years

Research : 15 Years

Area of Specialization(s) : Data Mining and Warehousing, Computer Networks, Data Analytics

Email (Official ID) : krishnavenis@psgrkcw.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	Karpagam University	2014
M.Phil.	Computer Science	Karpagam University	2009
MCA	Computer Applications	Alagappa University	2008
B.Sc.	Biochemistry	Kongunadu College of Arts & Science	1998

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University /Agency Name	Year
Certification	Mentor - PBL in Data Science with Python	TalentNext, Wipro, Chennai	2025
Certification	Trainer - Java Fundamentals and Programming	Oracle Academy	2018
Diploma	Office Automation	AMIGA Computer Education Centre, Coimbatore	2005

Certification	InterneXXt	SSI Ltd., Coimbatore	2001
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Research and Academic Contribution

BU M.Phil./Ph.D. Guide Recognition No. : 23818/A2/2016 & 05/10/2016

Research / Project Guidance : Guiding in the areas of Data Mining and Warehousing, Data Analytics, Computer Networks

Student Under	No. Students Guided	No. Students Ongoing
Ph.D.	6	1
PG Degree	50+	12
UG Degree	100+	-

Papers Published in International Journals : (a) SCIE: 1 (b) Scopus: 12 (c) Others: 63

Articles / Chapters published in Books : 5

Full Papers in Conference Proceedings : (a) International: 15 (b) National: 6

Books published : 3

Research Publications (Indexed)

Multimodal Neural Network for Drug Activity Regression Model with Augmented Drug Graphs and Gene Expressions of Amyotrophic Lateral Sclerosis and Alzheimer's Diseases, International Journal of Computational and Experimental Science and ENgineering (IJCESEN), Vol. 11-No.3 (July 2025) pp. 5622-5630, DOI: <https://doi.org/10.22399/ijcesen.3571>

Improved half-maximal inhibitory concentration regression model using amyotrophic lateral sclerosis data, Bulletin of Electrical Engineering and Informatics, 14(3): 2276~2287, DOI: 10.11591/eei.v14i3.8520. (Scopus Indexed, Q3, IF: 2.96)

An Efficient Training Strategy for Classification using Deep Neural Network with Hybridization of Quantum Enthusied Artificial Bee Colony Algorithm, International Journal of Health Sciences, 6 (S4) : 6864–6884, <https://doi.org/10.53730/ijhs.v6nS4.9958>, E-ISSN: 2550-696X (Scopus Indexed, IF: 2.96)

A Novel Image Steganography Method using Optimal Pixel Selection with Discrete Wavelet Transform, NeuroQuantology an Interdisciplinary Journal of Neuroscience and Quantum Physics, 20(8): 3482-3495, July 2022, doi:10.14704/nq.2022.20.8.NQ44374, eISSN: 1303-5150, (Scopus Indexed, IF: 1.58)

Secure Multi-Path Routing Using Splitting and Merging Based Clustering for Reducing Power Usage in MANET, International Journal of Computer Networks and Applications (IJCNA), 8(2)79-89, DOI: 10.22247/ijcna/2021/208889 (Scopus Indexed, IF: 0.514)

A Novel Performance Enhanced Quantum Enthusied Artificial Bee Colony Algorithm with ANN for Agricultural Big Data Classification, International Journal of Advanced Science and Technology,

29(12s): 2719-2735. (Scopus Indexed, IF: 0.41)

Hybrid Genetic Gravitational Search Algorithm for Energy Efficient Trust Node Identification in Mobile Adhoc Networks, Jour of Adv Research in Dynamical & Control Systems, 12(3-Special Issue): 74-86. (Scopus Indexed, IF: 0.27)

Genetic Algorithm with Chaotic FruitFly Optimization Algorithm for Discrete Wavelet Transform based Secret Sharing Cryptography Model, TEST Engineering & Management, 82(Jan/Feb 2020): 5186-5198. (Scopus Indexed)

A Technique for Fast Reroute on Data Transmission with Data Protection, International Journal of Recent Technology and Engineering, 8(4S2): 524-528. (Scopus Indexed, IF: 5.92)

Performance Evaluation and Comparison of Clustering Algorithms used in Educational Data Mining, International Journal of Recent Technology and Engineering, 7(6S5): 103-112. (Scopus Indexed, IF: 5.92)

Evaluation of DFTDS Algorithm for Distributed Data Warehouse, Egyptian Informatics Journal - **Elsevier**, 15(1): 51-58. (SCIE, Scopus Indexed, IF:1.00)

Query Management in Data Warehouse using Virtual Machine Fault Tolerant Resource Scheduling Algorithm, Journal of Theoretical and Applied Information Technology, 47(3): 1251-1257. (Scopus Indexed, IF: 1.717)

Query Scheduling in Distributed Data Warehouse using DTDS and VMFTRS Algorithms, European Journal of Scientific Research, 89(4): 612-625. (Scopus Indexed, IF: 0.736)

Other Publications: International / National

Published 60+ research papers in peer reviewed International Journals.

Paper Presentations in Conference

Presented 30+ research papers in National and International Conferences.

Participation in Workshop, Seminar, FDP, etc.,

Participated in 30 workshops covering diverse topics such as Generative AI, data analytics, research methodology and various Programming Languages

Participated in 100+ Faculty Development Programs (FDPs) on various topics, including teaching-learning methodologies, AI in teaching, curriculum development, digital pedagogy and assessment strategies, enhancing professional growth and expertise in education.

Awards / Honors

Awards / Honors	Agency / Institute	Year of Award
Best Researcher	SNS Institutions	2025
Annual Research Fellowship	Karpagam University	2011-2013

Contribution

- Acts as an Association Incharge and organizes Guest lectures, Video Conferences, International/ National - Workshop/ Seminar/ Conference, FDPs and Community Development Programme
- Coordinator of Job Oriented Course – Business visualization
- Admission Incharge, Class Incharge, Project Guide; Placement Coordinator
- BOS Member, Question paper setter for various universities and colleges for UG and PG
- Practical External Examiner, Member of Question Paper Scrutiny Board
- Design Curriculum
- Acts as Doctoral Committee member
- Coordinator in National Institutional Ranking Framework (NIRF)
- Website & ERP Coordinator
- Coordinator in Centre for Innovation, Incubation & Entrepreneurship Development
- Served as an Reviewer in peer reviewed International Journals