


Department of Computer Science and Engineering				
Name	KRISHNAVENI.K			
Date of Birth	23.06.1989			
Unique ID	13581792953			
Educational Qualifications	M.E., (Ph.D)			
Designation	Assistant Professor			
Email ID	krishnaveni@sethu.ac.in			
Alternate Email ID	whittykrish19@gmail.com			
Experience	Industry	Teaching	Others	Total
	-	14 Years 7 Months		14 Years 7 Months
Date of Joining the Institution	03.01.2018			
Area of Specialization	Big Data, Machine Learning, Deep Learning Techniques, Artificial Intelligence			
Courses taught	Mobile Application Development, Cyber and Mobile Forensics, Software Engineering, Data Structures, Object Oriented Programming in C++, Artificial Intelligence, Design and Analysis of Algorithm, Cloud Computing, C Programming, Software Engineering, Operating Systems, Grid and Cloud Computing, Database Management Systems, Human Computer Interactions, PC Troubleshooting, Fundamentals of Computing, Object Oriented Analysis and Design, Problem Solving and Python Programming, Internet Programming, Computer Architecture.			
Research Focus	Big Data			
Subject Competency	Data Structures, Artificial Intelligence, Data Warehousing			
No. of papers published	National Journals		International Journals	Conferences
	-		2	6
PG Specialization	Computer Science and Engineering			
Ph.D. Specialization	Big Data			
Projects Carried out	2			
Patents (Filed & Granted)	1			





### ***Academic Credentials***

<b>Level</b>	<b>Degree</b>	<b>Specialization</b>	<b>University</b>	<b>Year of Completion</b>
UG	B.E	Computer Science and Engineering	Anna University, Chennai	2010
PG	M.E	Computer Science and Engineering	Anna University, Chennai	2014
Doctorate	Ph.D (Doing)	Information and Communication Engineering	Anna University, Chennai	Doing

### **Details of Journal Publication:**

1. Krishnaveni.K & Siva Ranjani. S, “Double fuzzy clustering driven context neural network optimised with chimp optimization algorithm for movie rating recommendation system”, International Journal of Bio-Inspired Computation, Inderscience Enterprises Ltd, DOI:10.1504/IJBIC.2024.10066576, Sep 2024 (Accepted)
2. A Paper entitled “A Comparative study about improving accuracy in Big Data” in the Journal of Data Mining and Knowledge Engineering published by Mantech Publications.

### **Details of Conference attended:**

1. K.Krishnaveni, M.Maheswari , Dr.S.Siva Ranjani, “Proceedings of the 17th National IQAC Conference (I-CON) on “Role of Higher Educational Institutions in Viksit Bharat 2047:Strategies, Opportunities and Challenges”, on 28th & 29th March 2025, ISBN NO: 978-81-983354-9-4
2. K.Krishnaveni, Dr.S.Siva Ranjani, “Improving Accuracy by Demographic Attributes Based Neural Collaborative Filtering in Recommender system”, 8th International Conference on Intelligent Computing, IConIC 2K25 on 21st & 22nd March 2025, Panimalar Engineering College, Chennai.
3. A Paper entitled “A Comparative Study about Filtering Techniques in Big Data” presented in National Conference conducted by Mepco Schlenk Engineering College.
4. A Paper entitled “A Comparative study about Improving Accuracy in Big Data” presented in an International Conference conducted by Sethu Institute of Technology, Virudhunagar, India.
5. A Paper entitled “Big Data leads to Efficient Decision Making” presented in an International conference conducted by Pandian Saraswathi Yadav Engineering College, Sivagangai, India.
6. A Paper entitled “Credit Card Fraud Detection using Incentive Compatible Analysis” presented in an International conference conducted by Pandian Saraswathi Yadav Engineering College, Sivagangai, India.

**Details of Patents Filed and Granted:**

Published Patent on “Development of Heart Beat and Temperature and Temperature Measuring System for Remote Health Nursing during Pandemic” (COVID -19)

**Expert Lecture Delivered:**

- Chief Guest and Resource Person for a two day State Level Workshop on “Crafting Machine Learning Models using Python” conducted on 13.02.2025 & 14.02.2025 at Madurai Sivakasi Nadars Pioneer Meenakshi Women’s College.