

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215.**(AUTONOMOUS)****DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING****FACULTY PROFILE**

- 01. Name** : Banupriya R
02. Designation : Assistant Professor
03. Date of Birth : 11-05-1989
04. Date of Joining : 01-09-2021
05. Qualification :



Sl. No.	Name of the Degree	Specialization	Name of the Institution / University	Name of the University	Year of		Class & % of Marks
					Admitted	Completed	
1.	Ph.D	ICE	Anna University Chennai	Anna University Chennai	2014	2021	-
2.	M.E	Computer Science and Engineering	Sengunthar College of Engineering, Tiruchengode	Anna University Chennai	2011	2013	F & 8.11
3.	B.E	Computer Science and Engineering	Vivekanandha Institute of Engineering and Technology for women, Tiruchengode	Anna University Chennai	2006	2010	FWD & 82%

06. Experience, Promotion & Designation Details (Chronological):**a. Teaching:**

Sl. No.	Name of the Institution	Designation	Nature of work	Period	
				From	To
1.	Vidyaa Vikas College of Engineering and Technology	Assistant Professor	Teaching	10.06.2013	31.08.2021
2.	K.S.R College of Engineering (Autonomous)	Assistant Professor	Teaching	01.09.2021	Till date
Total year of Experience(s)				10 years 1 months 10 Days	

07. Publication Details:**a. Conference Details:****National:**

Sl. No.	Title of the Research paper	Name of the author(s)	Publisher / Journal Name	Month & Year of publication	DOI & ISSN No.	IF / SJR / SNIP / H index / K index
1.	Classification algorithm with machine learning technique for identifying disease treatment relations in health care domain	R.Banupriya	Sri Shanmugha College of Engineering and Technology	16 th Mar 2013	-	-
2.	Classification Algorithm and its Applications	R.Banupriya	EASA College of Engineering and Technology	23 rd Feb 2013	-	-
3.	A Machine Learning Approach for identifying disease treatment relations in health care.	R.Banupriya	Sengunthar Engineering College	6 th May 2013	-	-
4.	A Survey on Land Cover/Land Use Classification Algorithms	R.Banupriya	Info Institute of Engineering	16 th & 17 th April 2015	-	-
5.	Cloud Computing	R.Banupriya	Sengunthar Arts and Science College	1 st March 2010	-	-

International:

Sl. No.	Title of the research paper	Name of the author(s)	Publisher / Journal Name	Month & Year of publication	DOI & ISSN No.	IF / SJR / SNIP / H index / K index
1.	Machine Learning Technology in Diagnosis of heart disease using Data mining	R.Banupriya	J.K.K.Nattraja college of Engineering and Technology	8 th & 9 th March 2013	-	-
2.	Evaluating Machine Learning Processors in clinical domain using Data Mining.	R.Banupriya	Sri Ganesh School of Business Management.	22 nd Feb 2013	-	-

b. Journal Details:**International:**

Sl. No.	Title of the research paper	Name of the author(s)	Publisher / Journal Name	Month & Year of publication	DOI & ISSN No.	IF / SJR / SNIP / H index / K index
1.	A Survey on Land cover/Land use Classification Algorithms.	R.Banupriya, B.Gopinath	International Journal of Applied Engineering Research	2015	ISSN 0973-4562	0.602
2.	Application of the Improved Chaotic Ant Routing Algorithm into Radar system of Internet of Things	R.Banupriya	International Journal of Research in Engineering, Science and Management	2019	ISSN 2581-5792	4.308
3.	Satellite Image Flood Classification in Urban Areas using B-Convolutional Networks	Dr.A.RajivKannan Mrs.R.Banupriya	Indian Academy of Sciences	Volume 45, Issue 186 June 2020	https://doi.org/10.1007/s12046-020-01423-0 & 09737677	0.108

4.	A Convolutional Neural Network based Feature Extractor with Discriminant Feature Score for Effective Medical Image Classification	Dr.A.RajivKannan, Mrs.R.Banupriya	NeuroQuantology	Volume 18, Issue 7 July 2020	doi: 10.14704/nq.2020.18.7.NQ20185 & 1303-5150	0.241
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Summary:

	National Level		International Level	
	Journal(s)	Conference(s)	Journal(s)	Conference(s)
At KSRCE	-	-	-	-
At others colleges	-	4	4	2

8. Details of Monographs, Books & Patterns:

Sl. No.	Title	Name of the author(s)	Publisher Name	Year of publication
-	-	-	-	-

9. Details of Proposal:

Public Sector:

Sl. No.	Title of the Proposal	Details of Funding Agency	Date & Duration	Status
1	-	-	-	-

Private Sector:

Sl. No.	Title of the Proposal	Details of Funding Agency	Date & Duration	Status
-	-	-	-	-

10. Details of Winter/Summer Schools Attended (all faculty enrichment programme):

Sl. No.	Name of the programme	Organized by	Date & Duration
1.	Online STTP on Data Science Technologies	Paavai Engineering College (Autonomous)	7 th to 12 th December 2020 6 Days
2.	FDP on Intelligent Objects & Technologies for building applications on data science with machine learning techniques using Internet of things	K.S.R College of Engineering (Autonomous)	8 th to 21 st March 2021 2 Weeks

3.	Online FDP on Role of Block Chain Technology in India- An insight into public sector	Institute of Road and Transport Technology	22 nd to 26 th November 2021 5 Days
4.	Faculty Training Programme on Linux and C Programming	VVDN Technologies	28 th & 29 th April 2022 2 Days
5.	FDP on Artificial Intelligence and Machine Learning	PALS	24 th to 29 th January 2022 1 Week
6.	Faculty Exposure, Excellence and Development program (FEED)	Aspire Systems Chennai	20 th to 25 th June 2022.
7.	FDP on Recent Trends In Web Application Development for Industry 4.0	GMR Institute of Technology & Andhra University College of Engineering	18 th October to 22 nd October 2022
8.	Operating System Fundamentals online Certification with ELITE Grade	NPTEL	July-Oct 2022
9.	Database Management Systems online Certification with ELITE Grade	NPTEL	Jan-Mar 2023
10.	FDP on Database Management Systems	NPTEL-AICTE	Jan-Mar 2023
11.	Five days online International FDP on Data Analytics using Power BI	G Narayanamma Institute of Technology and Science	20th March 2023 to 24th March 2023

11. Details of Workshops/ Seminars Attended:

Sl. No	Name of the programme	Organized by	Date & Duration
1.	MySQL & PHP	Karpagam College of Engineering	15th & 16th September 2009 2 Days
2.	Hard Disk	Vivekanandha Institute of Engineering and Technology for women	20th & 21st February 2008 2 Days
3.	Signal and Image processing Algorithm using MATLAB for project development	Kongu Engineering College	13th & 14th March 2015 2 Days
4.	Two-week ISTE online Workshop on Computer programming.	Indian Institute of technology Bombay	20 th May to 21 st June 2014 1 Month
5.	Two-week ISTE online Workshop on Control Systems.	Indian Institute of technology Kharagpur	2 nd to 12 th December 2014 2 Weeks
6.	Latex-An Effective Documentation Tool	Vivekanandha College of Engineering for women	10 th March 2014 1 Day

7.	Computational Intelligence Techniques for Power Systems, Renewable Energy Sources using Matlab Tool Boxes	Kongu Engineering College	23 rd September 2016 1 Day
8.	Two-weekends ISTE Workshop on Aakash Android Application Programming	Indian Institute of technology Bombay	23 rd & 24 th Feb 2013, 2 nd & 3 rd Mar 2013 4 days
9.	One day National Pre Conference Workshop on Cloud computing	EASA College of Engineering and Technology	22 nd February 2013 1 Day

12. Details of Winter/Summer Schools/Workshops/Seminars organized:

Sl. No	Name of the programme	Sponsored by	Acted as	Duration	Convener
1.	How to do On-premise Networking	K.S.R.College of Engineering	Organizing Committee Member	20.09.2022	-
2.	Online - Six Days FDTP ON CS3491 - Artificial Intelligence and Machine Learning	Centre for Faculty & Professional Development Anna University	Organizing Committee Member	06.03.2023 - 11.03.2023	-

13. Area of Interest : Database systems, Data Mining, Operating systems.

14. Professional Membership : NIL

15. Details of the Subjects Handled (in KSRCE):

Sl. No	Academic Year	Semesters	Name of the Subject	Year & Class of students	% of Pass
1.	2021-21	07	User Interface Design	IV CSE	100
			Graphics and Multimedia laboratory		
2.	2021-22	05	Open Source Technologies	III CSE	100
3.	2021-22	05	Career Development Skills I	II-CSE	100
4.	2021-22	02	Python Programming	I-EEE	57

			Python Programming Lab		
5.	2021-22	06	Green Computing	III-CSE	96
6.	2022-23	07	Graphics and Multimedia	IV- CSE A	100
7.	2022-23	01	Problem Solving Techniques	I CSE A	90.38
8.	2022-23	04	Design and analysis of Algorithms	II CSE A	93.85

16. Additional Responsibilities:

a. College Level

Sl. No.	Details of Work	Work allotted by	Duration
-	-	-	-

b. Department Level

Sl. No.	Details of Work	Work allotted by	Duration
1.	Class Advisor	HOD	01.09.21 to Till Date
2.	Student Progression Activities	HOD	01.09.21 to Till Date
3.	Department IQAC Coordinator	HOD	01.07.22 to 01.02.23

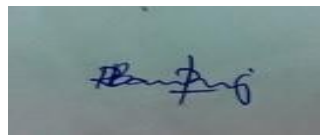
17. Self-Appraisal

Major Strengths:

Determined, Hard working, Humble.

Major Weaknesses:

Too sensitive.



Signature with Name
[BANUPRIYA R]