

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

01. Name : V.Shanmugavalli  
02. Designation :AP  
03. Date of Birth :03.05.1985  
04. Date of Joining :02.06.2021

**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	Biometrics	Anna University of Technology, Chennai	Anna University, Chennai	Jan 2018	(On going)	-
2.	M.E	CSE	K S R Institute for Engineering and Technology	Anna University, Chennai	2012	2014	I & 7.6 CGPA
3.	B.E	CSE	Vivekanandha College of Engineering for Women, Tiruchengode.	Anna University, Chennai	2002	2006	I & 75%

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

Sl. No.	Name of the Institution	Designation	Nature of work	Period	
				From	To
1.	Vivekanandha College of Engineering for Women	Assistant Professor	Teaching	22.08.2014	01.06.2021
2.	K.S.R. College of Engineering	Assistant Professor	Teaching	02.06.2021	Till Date
Total year of Experience(s)				8 Years 11 Months	

**b. Industry:**

Sl. No.	Name of the Organization	Designation	Nature of work	Period	
				From	To
01	Temenos India Pvt Ltd	Technical Consultant	Software Programmer	07.02.2008	10.07.2011

02	Wisual IT Solution Pvt Ltd	Software Engineer	Software Programmer	06.06.2006	07.01.2008
<b>Total year of Experience(s)</b>				5.4 years	

# 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
2013-14						
1.	Biometric Authentication Based on Interactive and Somatic for Authentic User	V.Shanmugavalli	Innovation in Information Technology (NCIIT 2014)	27th & 28th February, 2014	-	-

### 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
2013-14						
1.	Biometric Authentication based on Keystroke Dynamics for Realistic User	V.Shanmugavalli	International Conference on Knowledge Collaboration in Engineering	24th & 25th January 2014	-	-

## b. Journal 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
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-	-	-	-	-	-	-

### 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
2013-2014						
1	Keystroke Dynamics for Authentication based on Biometrics for Convincing User	V.Shanmugavalli	International Journal of Research in Information Technology (IJRIT)	December 2013	Volume 1, Special Issue 12, ISSN: 2001 – 5569	
2014-2015						
2.	Multi Model Biometric Authentication using Fuzzy Set	V.Shanmugavalli	Australian Journal of Basic Applied Science(AJBAS )	2014	Volume 8, issue 5	
2015-2016						
3.	A Review on Attribute based Access Control Scheme in Cloud Environments	V.Shanmugavalli	The Institute of Interactive Omics and Applied Biotechnology Journal	2016	Vol-7, Issue-9 Pp 568 - 574	-
4.	Efficient Data Gathering Using Mobile Collectors and Dual Data Uploading in Wireless Sensor Networks	V.Shanmugavalli	Middle-East Journal of Scientific Research	2016	PP 275-280	-
2017-2018						
5.	A Three Layer Privacy Preserving Cloud Storage Scheme Based On Computational Intelligence in Fog Computing	V.Shanmugavalli	International Research Journal in Advanced Engineering and Technology	2018	Volume 4, Issue No.3, E-ISSN : 2454-4752 P-ISSN : 2454-4744	-
2018-2019						
6.	A Novel Approach of Finger Vein	V.Shanmugavalli	International Journal of Intellectual Advancements	2019	Volume-7 Issue-1, ISSN:2348-2079,	-

	Recognition for Personal Authentication		and Research in Engineering Computations		Vol.-07(01) 2019 [301-307]	
7.	A Three Layer Privacy Protective Cloud Storage Theme Supported Procedure Intelligence in Fog Computing	V.Shanmugavalli	International Journal of Engineering and Advanced Technology (IJEAT)	August 2019	Vol.8, Issue-65, ISSN:2249-8958	
2019-2020						
8.	A Survey on Security Enhancement of Fragmentation and Replication with Division based Cloud Storage	V.Shanmugavalli	International Journal of Intellectual Advancements and Research in Engineering Computations (IJIAREC)	2020	Vol.8, Issue-1, ISSN:2348-2079, Page 68-72	
2020-2021						
9	Prediction of Crime Rate Analysis using Supervised Classification Machine Learning Approach	V.Shanmugavalli	Innovative Journal of Innovative Research in Computer & Communication Engineering (IJIRCCE)	May 2021	Vol.9, Issue-5, e-ISSN: 2320-9801, p-ISSN: 2320-9798, Page:5649-56555	
10.	ADDL: Alzheimer's Disease Detection Using Deep Learning	V.Shanmugavalli	International Journal for Science and Advance Research In Technology(IJSART)	June 2021	Volume 7 Issue 6 – ISSN [ONLINE]: 2395-1052 Page – 145-149	
	A Computer Aided Diagnosis of Lung Disease using Machine Learning approach	V.Shanmugavalli	International Journal of Speech Technology (IJST)	June 2021		

### Summary:

	National Level		International Level	
	Journal(s)	Conference(s)	Journal(s)	Conference(s)
<b>At KSRCE</b>	-	-	-	-
<b>At others colleges</b>	-	2	10	1

### 8. Details of Monographs, Books & Patterns:

Sl. No.	Title	Name of the author(s)	Publisher Name	Year of publication
1	Current Approaches in Science and Technology Research	V.Shanmugavalli	B P International Publications	Vol.8 ,eBook ISBN:93-91312-46-6, DOI:10.9734/bpi/castr/v8/10624D Chapter 5, Print ISBN: 978-93-91312-32-9, Page"97-112. June 2021
2	Big Data Analytics	V.Shanmugavalli	Central West Publications	ISBN(print): 978-1-922617-17-0 Nov - 2021
3	Machine Learning Techniques	V.Shanmugavalli	KIARA Publications	ISBN No: 978-93-5577-328-9 Nov-2022

## 9. Details of Proposal:

### Public Sector:

Sl. No.	Title of the Proposal	Details of Funding Agency	Date & Duration	Status
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### 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.	Design and Analysis of Algorithms	KSR College of Engineering	08 <sup>th</sup> to 14 <sup>th</sup> December 2014
2.	Learning Improvement Techniques	IIT Madras with PALS	09 <sup>th</sup> to 11 <sup>th</sup> November 2016
3.	Introduction to Internet of Things	Dhirajlal Gandhi College of Technology	10 <sup>th</sup> to 11 <sup>th</sup> August 2017
4.	FDP in Nation Board of Accreditation	Vivekanandha College of Engineering for Women	16 <sup>th</sup> February 2018
5.	Faculty awareness program on "leading towards excellence in teaching"	Vivekanandha College of Engineering for Women	19 <sup>th</sup> July 2018
6.	FDP in Introduction to R Programming	ICT Academy & Velalar College of Engineering and Technology	27 <sup>th</sup> to 28 <sup>th</sup> November 2018
7.	FDP program Guru Srishti	Vivekanandha College of Engineering for Women	15 <sup>th</sup> February 2019
8.	FDP in Python for Data Science	NPTEL/Swayam	August and September 2019
9.	FDP in Data Science and Big Data Analytics	ICT Academy held at VCEW	12th August to 17th

			August 2019
10.	FDP in Virtual Teaching	CIT – TLC	20 and 21 April 2020
11.	Online FDP in Improving Your Research Visibility	Velalar College of Engineering and Technology, Erode	11 <sup>th</sup> May to 13 <sup>th</sup> May 2020
12.	FDP in Python 3.4.3	Spoken Tutorial IIT Bombay held at VCEW	9th August to 16th April 2020
13.	Online FDP in Cyber Security	ATAL FDP at Indian Institute of Information Technology, Pune.	22nd to 26 February 2021
14.	FDP in Intelligent Objects & Technologies for Building Applications On Data Science With Machine Learning Techniques Using Internet of Things	AICTE sponsored FDP at KSR College of Engineering	8th to 12th March 2021
15.	FDP in Practical insight into key concepts of Blockchain	ATAL Online FDP at Ramaiah Institute of Technology	12 <sup>th</sup> to 16 July 2021
16.	FDP in Computer Vision and Natural Language Processing	ATAL Online FDP at North Cap University	19 <sup>th</sup> to 23 <sup>rd</sup> July 2021
17.	FDP in Machine Learning Frontiers in Healthcare	ATAL Online FDP at National Institute of Technology, Delhi	26 <sup>th</sup> to 30 <sup>th</sup> July 2021
18.	FDP in Quantum Computing Algorithms and Machine Learning	ATAL Online FDP at R V College of Engineering	2 <sup>nd</sup> to 6 <sup>th</sup> August 2021
19.	FDP in Introduction to Machine Learning	NPTEL – AICTE FDP	July – September 2021
20.	Industry – Train The Trainer Program on Full Stack Engineer	Virtusa	October – November 2021
21.	Technical Talk serious on “Industry Institute Integrated Technology Transfer”	KGiSL Institute of Technology, Coimbatore	14 <sup>th</sup> to 19 <sup>th</sup> March 2022
22.	Outcome based Education – Recent Development in Quality Assurance	Professional Skill Development cell - KSRCE	12 <sup>th</sup> October 2022
23.	FDP in The Joy of Computing Python	NPTEL – AICTE FDP	July – October 2022
24.	FDP in Emerging Trends in Artificial Intelligent Systems	JAIN – Deemed to be University	31 <sup>st</sup> , 1 <sup>st</sup> , 2 <sup>nd</sup> Mar – 8 <sup>th</sup> , 9 <sup>th</sup> April 2023

#### 11. Details of Workshops/ Seminars Attended:

Sl. No	Name of the programme	Organized by	Date & Duration
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1.	Hands on WEKA	Kongu Engineering College, Erode	31 <sup>st</sup> August 2013
2.	Introduction to Design of Algorithms	IIT Kharagpur, Vivekanandha Engineering College for Women	27 <sup>th</sup> to 30 <sup>th</sup> May 2015
3.	Intellectual Property Rights and Innovation	VIETW Association With Anna University	06 <sup>th</sup> November 2015
4.	Introduction To Mobile Application Development	Nandha Engineering college	23 <sup>rd</sup> and 24 <sup>th</sup> September 2016
5.	Brain Based Curriculum Development	Vivekanandha College of Arts and Science for Women	04 <sup>th</sup> March 2016
6.	Research paper writing & patent filing	Vivekanandha Engineering College for Women	24 <sup>th</sup> August 2016
7.	Icmr sponsored seminar on advanced computer software tools used on bioinformatics	Vivekanandha Engineering College for Women	09 <sup>th</sup> and 10 <sup>th</sup> August 2017
8.	Icmr sponsored seminar on smart health care prediction using data mining	Vivekanandha Engineering College for Women	09 <sup>th</sup> and 10 <sup>th</sup> March 2018
9.	Two days hands on workshop “power of python in current it industries”	Vivekanandha Engineering College for Women	16 <sup>th</sup> and 17 <sup>th</sup> August 2018
10.	Workshop on question paper setting by various knowledge levels for continuous assessment	Vivekanandha Engineering College for Women	19 <sup>th</sup> January 2019
11.	NPTEL Online Course on Python for Data Science	NPTEL/Swayam	August and September 2019
12.	Online Course on Bootcamp Beginners Intro to SQL	Udemy	29 <sup>th</sup> October 2019
13.	Online Course on Python 101 for Data Science	Cognitive Class.ai – IBM initiative	7 <sup>th</sup> December 2019
14.	Online Course on The Python Programmer Bootcamp	365 Data Science	3 <sup>rd</sup> April 2020
15.	Online Digital Knowledge Series	ICTACT – Skycampus	09 <sup>th</sup> to 24 <sup>th</sup> April 2020
16.	Online Courses on Examination Reforms	AICTE	22 <sup>nd</sup> to 25 <sup>th</sup> April 2020
17.	Online Introductory Course on Data Driven Innovation	Sathyabama Institute of Science and Technology	02 <sup>nd</sup> to 4 <sup>th</sup> June 2020
18.	Webinar on Ethical Hacking	Crecent Institute of Science & Technology	11 <sup>th</sup> June 2020
19.	Webinar on Machine Learning Onramp – Demo on Building Learning Models	Gnanamani College of Technology, Namakkal	13 <sup>th</sup> June 2020
20.	Webinar on Understanding Legal Risks in Remote Teaching and Learning	Kanpur Institute of Technology, Kanpur	25 <sup>th</sup> June 2020

21.	Webinar on Towards a Victim Justice System	Francis Xavier, Thirunelveli	27 <sup>th</sup> June 2020
22.	Webinar on Data Science Vs Business Intelligence	Francis Xavier, Thirunelveli	29 <sup>th</sup> June 2020
23.	Webinar on Opportunities for Freshers in the Data Analytics	Imarticus Learning and SNS College of Engineering, Coimbatore	3 <sup>rd</sup> July 2020
24.	Webinar on How to keep students engaged through Effective Online Classes	ICT Academy, Vivekanandha Engineering College for Women	11 <sup>th</sup> July 2020
25	Webinar on NAAC Revised Assessment Methodologies and Quality Enhancement Strategies	Vivekanandha Engineering College for Women	5 <sup>th</sup> December 2020
26.	NPTEL Online Course on Introduction to Machine Learning	NPTEL/Swayam	July to September 2021
27.	NPTEL Online Course on Joy of Computing Python	NPTEL/Swayam	July to October 2022

## 2. Details of Winter/Summer Schools/Workshops/Seminars organized:

Sl. No	Name of the programme	Sponsored by	Acted as	Duration	Convener
1.	Hadoop	-	Co-ordinator	11.09.2015	VCEW - Dr.L.Malathi
2.	Expectation of IT Industry	-	Co-ordinator	25.02.2017	VCEW - Dr.L.Malathi
3.	Computer Application in Renewable Energy and Agriculture	-	Co-ordinator	03.04.2018	VCEW - Dr.L.Malathi
4.	Alumni Meet – Reunion and Rejuvenation Program	-	Co-ordinator	22.12.2018	VCEW - Principal
5.	Cloud Computing and its Applications in AWS	-	Co-ordinator	14.09.2022	KSRCE – Dr.A.Rajiv Kannan Dr.V.Sharmila
6	Seminar- Software Testing	-	Co-ordinator	09.02.2023	KSRCE – Dr.A.Rajiv Kannan Dr.V.Sharmila

**13. Area of Interest : Data Mining, Software Engineering and Biometrics**

**14. Professional Membership : ISSE, IASTE**

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



S.No	Academic Year	Semesters	Name of the Subject	Class	% of Pass
1.	2020-2021	Even	Mobile Computing	III – A & B	100
			Mini Project	III - B	100
2.	2021-2022	Odd	Computer Organization and Architecture	II – A & B	100
			Data Structure Lab	II - B	100
		Even	.Net Framework Technologies	III-CSE	100
			Database Management Systems	II – CSE - B	100
			Python Programming	III - EEE	94
			Python Programming Laboratory	III - EEE	100
3.	2022-2023	Odd	Augmented Intelligence Led Managed Service - I	III – CSE A & B	96.88
			Professional Readiness for Innovation Employability and Entrepreneurship	IV – CSE A & B	100
			Problem Solving Techniques Laboratory	I – EEE	100
4	2022-2023	Even	Augmented Intelligence Led Managed Service - II	III – CSE A & B	100
			C Programming Laboratory	I CSE B	

#### 16. Additional Responsibilities:

##### a. College Level

Sl. No.	Details of Work	Work allotted by	Duration
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##### c. Department Level

Sl. No.	Details of Work	Work allotted by	Duration
1.	Class Advisor	HoD	19.04.2021 to Till date
2.	Technical Trainer	HoD	19.04.2021 to Till date
3.	Mini Project Faculty Incharge	HoD	19.04.2021 to 30 <sup>th</sup> June 2021
4.	Department Examination Committee	HoD	01.07.2021 to Till Date
5.	Professional Society Activity, NPTEL	HoD	01.07.2021 to Till Date
6.	DAC,PAC, Vision and Mission	HoD	01.07.2021 to Till Date
7.	ICT Act, Entrepreneur incharge	HoD	01.07.2021 to Till Date
8.	UG , PG Main project incharge, UG Mini Project incharge	HoD	14.11.2022 to 15.03.2023

9.	PG Project Incharge		14.11.2022 to Till Date
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## 17. Self-Appraisal

Major Strengths:

1. Aware of Human values
2. Good Team Leader, Good Team Player & Good Listener
3. Work Sincerity and Time Management.

Major Weaknesses:

1. Expressive
2. Trust worthiness of nearby people

Signature with Name  
(V.Shanmugavalli)