



VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN
(Autonomous)
ELAYAMPALAYAM, TIRUCHENGODE – 637 205
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



I. GENERAL INFORMATION

1. **Name** : Radhika.D
2. **Designation** : Assistant Professor
3. **Residential Address** : 81,Sivagnanam Street,
Ganeshapuram,Namakkal-637001
- Phone No.** : 9566630520
- E-mail id** : radhikadeva6@gmail.com
4. **Date of Birth** : 08-06-1981
5. **Community** : SC
6. **Father/Husband Name** : A. Devarajan
7. **Area of Specialization** : Big Data Analytics
8. **Date of first appointment in** : 12-06-2005
9. **Date of Joining** : 18-06-2014
10. **Pan card Number** : AUUPR0001Q
11. **Aadhar Number** : 841237623637

II. ACADEMIC QUALIFICATION

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades	Class obtained
UG	B.E.	Information Technology	2002	Sona College of Technology (Autonomous)	Periyar University	7.8	First class with Distinction
PG	M.E	Computer Science and Engineering	2009	Muthayammal Engineering College	Anna University Coimbatore	8.9	First class with Distinction
Ph.D.	-	Information and Communication	Pursuing	-	-	-	-

III. TEACHING EXPERIENCE

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Vivekanandha College of Engineering for Women (Autonomous)	Assistant Professor	20-07-2015	Till date	10	2	22
King College of Technology	Assistant Professor	01-06-2012	13-11-2013	1	5	13
P G P College of Engineering and Technology	lecturer	01-07-2009	30-04-2011	1	9	31
Adhiyamaan College of Engineering (Autonomous)	lecturer	12-06-2005	31-03-2006	0	9	18
Total				14	3	20

IV. INDUSTRIAL EXPERIENCE

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Alag Computer Organisation	Trainer	Teaching	09-10-2002	21-01-2005	2	3	19
Total					2	3	19

V. NO.OF PAPERS PRESENTED AND PARTICIPATED CONFERENCE / SEMINAR / WORKSHOP:

S. No	Title	Event	Organizer	Date
1.	WORKSHOP	Intellectual Property Rights and Innovation	VIETW Association With Anna University	06.11.2015
2.	FDP	Introduction to PHP	ICTACT	08.01.2016 to 9.01.2016
3.	WORKSHOP	Brain Based Curriculum Development	VICAS	04.03.16
4.	International Conference on Electrical Electronics and Computer Engineering	Secure Data in Multi-Cloud Using Multi Integrity Auditing Protocol in Drops Techniques	Vivekanandha College of Engineering for Women, Namakkal	22.03.16 & 23.03.16
5.	FDP	Data Science and Big Data Analytics	Dhirajlal Gandhi College Of Technology With ICTACT	04.04.2016 to 08.04.16
6.	FDP	Oracle Java Fundamentals & Java Programming	Paavai Engineering College	18.07.2016 to 22.07.2016
7.	SEMINAR	How to Write a Project Proposal	VCEW	24.09.16
8.	WORKSHOP	Research Methodology Technique of Writing Research Article For Sci Journals & Ph.D Thesis	VCEW	21.10.2016

		Preparation		
9.	FDP	Introduction to Hadoop (Horton Works)	ICTACT-Bannariyamman Institute of Technology	26.10.2016 & 27.10.2016
10.	WORKSHOP	Data Mining In Biomedical Informatics Using Big Data	CSIR WITH VIETW	25.11.16 to 26.11.16
11.	International Conference on Electrical, Electronics & Computer Engineering	A Home Healthcare System in the Cloud Addressing Security and Privacy Challenges	Vivekanadha College of Engineering For Women, Namakkal	08.03.2017 & 09.03.2017
12.	SEMINAR	Healthcare Monitoring System Using Wireless Sensor Networks	Pavai College of Technology, Namakkal	17.03.2017 & 18.03.2017
13.	ICT Academy Youth Leadership Summit 2017	Youth Leadership Summit 2017	ICT Academy	23.08.2017
14.	Workshop	Introduction to Big Data Analytics	Erode Sengunthar Engineering College	17.11.2017 to 18.11.2017
15.	National workshop	The Internet of Things Application Development	Paavai Engineering college	29.01.2018
16.	International conference	Dynamic Voltage Frequency Energy Efficiency Algorithm for Task Scheduling	Selvam College of Technology	08.03.2018 to 09.03.2018
17.	International conference	Network Traffic Classification using Correlation Information	Selvam College of Technology	08.03.2018 to 09.03.2018
18.	ICMR Sponsored Seminar on Advanced Computer Software Tools used on Bioinformatics	Seminar	VCEW	09.08.2017 & 10.08.2017
19.	FDP on NBA	FDP	VCEW	16.02.2018
20.	ICMR Sponsored Seminar on Smart Health Care Prediction using Data Mining	Seminar	VCEW	09.03.2018 & 10.03.2018
21.	Faculty Development program on "Emotional Intelligence"	FDP	VCEW	19.07.2018
22.	Two Days Hands on Workshop "Power of Python in Current IT Industries"	FDP	VCEW	16.08.2018 & 17.08.2018
23.	Faculty Development Program on "How to write project Proposals"	FDP	VCTW	6.10.2018
24.	Faculty Development program on	FDP	K.S.R Institute of Engineering	28.09.2018 &

	“Introduction to PHP Programming”		and Technology	29.09.2018
25.	Faculty Development Program on “Introduction to Python Programming”	FDP	Kongunadu College of Engineering and Technology	23.11.2018 & 24.11.2018
26.	FDP on Review Paper Writing	FDP	VCEW	17.12.2018
27.	Workshop on Question paper Setting by various knowledge levels for continuous Assessment	FDP	VCEW	19.01.2019
28.	One day workshop on machine learning using Python	Workshop	Nandha Engineering College	09.02.2019
29.	Five days national workshop Blockchain Application Development Using Hyperledger And Ethereum	WORKSHOP	NIT-PUDUCHERRY	06.03.2019 to 10.03.2019
30.	Designing a dynamic task scheduler in map reduce for hadoop framework	Conference	Nandha Engineering College	22.03.2019
31.	Web Technology	FDTP	KSR Institute of Engineering and Technology	27.05.2019 to 31.05.2019
32.	STTP on Internet of things in health care Applications	STTP	Dr.NGP Institute of Technology	24.08.2020 to 29.08.2020
33.	Deep Learning Application And Challenges In Big Data Analytics	FDP	Velalar college of Engineering and technology	05.10.2020 to 10.10.2020
34.	Service Oriented Applications: Concept, Technology, Design and Development	STTP	R.M.K. Engineering College	12.10.2020 to 17.10.2020
35.	STTP on Enhancing research and development through project based learning to achieve outcome based education in learning	FDP	Sri Krishna Colleg of Technology	22.10.2020 to 29.10.2020

36.	How to utilize google classroom effectively	FDP	VCEW	23.11.2020
37.	FDP on cyber security.	FDP	ATAL at kongu engineering college	14.12.2020 to 18.12.2020
38.	FDP on “Artificial Intelligence	FDP	ATAL at Adithya Institute of Technology and Management(A).	01.01.2021 to 05.01.2021
39.	FDP on “3D Printing and Design ”	FDP	ATAL online at PSG college of Technology.	18.01.2021 to 22.01.2021
40.	FDP ON AI-Machine Learning Optimization	FDP	ATAL ,IIT Allahabad	01.02.2021 to 05.02.2020
41.	NSDB Sponsored “Women Entrepreneurship Development program”	FDP	VCEW	22.02.2021 to 20.03.2021
42.	“Deep Learning and its Applications using TensorFlow and Keras”	STTP	R.M.K. Engineering College	22.02.2021 to 20.03.2021
43.	Intelligent object and technologies for building applications on data science with machine learning techniques using internet of things	AICTE sponsored FDP	KSR College of engineering	08.03.2021 to 21.03.2021
44.	Internet of Things (IoT)	AICTE Training And Learning (ATAL) Academy FDP	government college of engineering	15.03.2021 to 19.03.2021
45.	online teaching & learning pedagogy	AICTE - ISTE Sponsored Six days Induction/Refresher Programme	Knowledge Institute of Technology, Salem	05.04.2021 to 12.04.2021
46.	IoT and it's applications – Phase III	AICTE-ISTE sponsored FDP	annamalai university, Annamalainagar	12.05.2021 to 18.05.2021
47.	Softskills at workplace: Developing the right attitude, Etoquette and communication	Atal FDP	India Institute of Technology Patna	17.05.2021 to 21.05.2021
48.	Industry 4.O	FDP	RMK Engineering college	14.06.2021 to 19.06.2021
49.	Data Science for Health Care	ATAL FDP	VCEW	21.06.2021 to 25.06.2021

50.	Industry 4.o: Applications of Deep Learning and Artificial Intelligence in computer Vision	one week FDP	St.Joseph's Institute of Technology.	20.07.2021 to 24.07.2021
51.	Edge Computing Technologies For Smart Factory Automation And Industry 4.0	ATAL FDP	Kongu Engineering College	16.08.2021 to 20.08.2021
52.	Sensor Application Through Internet Of Things	workshop	University BDT College Of Engineering	20.09.2021 to 24.09.2021
53.	WIPRO CERTIFIED FACULTY PROGRAM	FDP	Wipro and Talentnext	15.11.2021 to 03.12.2021
54.	Robust AI: Building through data exploration, pre-processing and representation	Atal FDP	IIIT NAYA RAIPUR	04/02/2022 to 08/02/2022
55.	Online - Six Day FDTP on GE3151 Problem Solving and Python Programming	FDP	M.Kumarasamy College of Engineering,, Karur	18.07.22 to 23.07.22
56.	PALS VLAB	FDP	IIT PALS	19.10.22 to 21.10.22
57.	Design Thinking AICTE IDEA LAB	workshop	VCEW AICTE IDEA LAB	23.09.22 to 24.09.22
58.	Deep Learning Techniques On Medical Image Classification	Seminar	M.Kumarasamy College Of Engineering, Karur	11.11.22
59.	PCB Design and Fabrication	workshop	VCEW AICTE IDEA LAB	03.01.23 to 04.01.23
60.	Insight into Research Publication	Webinar	Universiti Tun Hussein Onn Malaysia, Malaysia	18.04.2023
61.	Design Thinking Based Education	workshop	VCEW- AICTE IDEA LAB	02.09.2023 to 03.09.2023
62.	Inculcating Universal Human Values n Technical Education	FDP	AICTE	02.10.2023 to 06.10.2023
63.	Human Values	FDP	VCEW	14.10.2023

64.	Cloud Practitioner(AWS)	FDP	VCTW	18.12.2023 to 22.12.2023
65.	AWS Academy Cloud Foundations	Seminar	AWS Academy	22.12.2023
66.	Computer Vision and Gen-AI Tools	FDP	Ramco Institute of Technology	15.07.2024 to 27.07. 2024.
67.	Full Stack Development	FDP	Guvi Geek Pvt Ltd	09.08.2024 to 10.08. 2024.
68.	Deep Learning and IoT Technologies in Precision HealthCare	FDP	Kongu Engineering College	16.08.2024 to 17.08. 2024.
69.	6-day Online UHV-II FDP	FDP	All India Council for Technical Education (AICTE)	19.08.2024 to 24.08. 2024.
70.	Faculty Enablement program on AI	FDP	Infosys Springboard	16.12.2024 20.12. 2024 23.12.2024
71.	Exploring the Insights in Quantum Computing and Artificial Intelligence	Atal FDP	Excel Engineering College	20.01.2025 to 25.01.2025
72.	Health care and MedTech for Swastha Bharat using AI	Atal FDP	Vishwakarma Institute of Technology	03.02.2025 to 08.02.2025.
73.	Empowering Educators-Exploring Quantum Computing and AI Frontiers	Atal FDP	Knowledge Institute of Technology	15.09.2025 to 20.09.2025

VI. PUBLICATIONS

1. JOURNAL

Sl.No	Journal Name	Title of the Paper	Year of Publication
1.	The Institute of Interactive Omics and Applied Biotechnology Journal, Vol -7, Issue-9 Pp 600-607	A Survey of Multi –Keyword Search over the Encrypted data in cloud http://www.iioab.org/articles/IIOABJ_7.9_600-607.pdf	2016
2.	International Journal of Future Innovative Science and Technology, Vol-3, Issue-2, May-2017	Web Based Health Emergency System Through SMS http://www.istpublications.com/temp/Radhika-V3-I1-IJFISER-72-78.pdf	2016
3.	Middle-East Journal of Scientific Research, PP 484-488,	Secure Data in Multi-Cloud Using Multi Integrity Auditing Protocol in Drops Techniques http://www.idosi.org/mejsr/mejsr24(TAET)16/77.pdf	2016
4.	International Journal of	Dynamic Voltage Frequency Energy Efficiency	2017

	Innovative Research in Engineering Science and Technology	Algorithm For Task Scheduling	
5.	International Journal of Future Innovative Science and Technology	A Survey On Secure Sharing Algorithms Used On Personal Health Records	2018
6.	International Journal of Future Innovative Science and Engineering Research (IJFISER) Volume – 3, ISSUE –4	Security Sharing Of Phr In Cloud Storage Using Cipher Text Policy	2018
7.	A Resource Scheduling with Load Balancing in Cloud Environment Using Particle Swarm Optimization	Journal on Science Engineering and Technology	2018
8.	Designing a dynamic task scheduler in map reduce for hadoop framework	International Journal of Intellectual Advancements and Research in Engineering Computations Volume-7 Issue-2 ISSN:2348-2079	2019
9.	Inter cloud Resouce allocation and VM scheduling using K-NN and NB Classifier	Aegaeum Journal Volume-8 Issue-4	2020
10.	Secure Data Sharing For Mobile Cloud Computing Using Blowfish Algorithm	International Journal In Advanced Engineering and Technology Volume 7, Issue 3 – June 2021 E-ISSN:2454-4752 P-ISSN:2454-4744	2021
11.	Adversarial Multi – scale Features Learning for person Re – Identification	International journal of Trend in Scientific Research and Development(IJTSRD) Volume 5 Issue 4, May-june 2021 e-ISSN:2456-6470	2021
12.	Prediction of Heart Stroke Diseases Using Machine Learning Technique Based Electromyographic Data	Turkish Journal of Computer and Mathematics Education Volume 12, Issue 12 Page No:4424-4431	2021
13.	Mobile Communications	Royal Book publications	2021
14.	Load balancing in cloud computing using support vector machine and optimized dynamic task scheduling	IEEE EXPLORER	2021
15.	Detection of DDoS Attack Using Machine Learning Algorithm in Cloud Computing	International Journal of Scientific Engineering and Applied Science (IJSEAS) – Volume-7, Issue-8, August 2021 ISSN: 2395-3470	2021
16.	Software Engineering	Charulatha Publications	2022
17.	Employment Seeking System Over The Cloud Using Machine Learning Approach	Patent	21.01.2022
18.	Intelligent Fog and Edge Computing for Smart Healthcare Informatics During Covid-19Pandemic	Patent	20.05.2022
19.	Detection of DDoS Attack	Turkish Online Journal of Qualitative Inquiry	2022

	Using Machine Learning Algorithm in Cloud Computing	(TOJQI) Volume 13, Issue 1, July 2022: 2079-2088	
20.	Analysis of implementation of stem cell therapy for faster healing of Breast cancer cells using artificial intelligence approach	Patent	07/04/2023
21.	IOT and E-Glove Nurse Calling System	International Journal of Innovative Research in Engineering Volume 3, Issue 3 (May-June 2022), PP: 391-395. www.theijire.com	2022
22.	Predicting Sleep Quality In Osteoporosis Patients	International Journal Of Current Engineering And Scientific Research	2023
23	Integration of Machine Learning With IOT-Based Approaches for Enhancing Automatic Number Plate Recognition	Patent	22.12.2023
24	Basics of Artificial Intelligence and Machine learning	Book	2024
25	Hepatitis Survival Prediction	International Journal of Research and Analytical Reviews (IJRAR)	2024
26	Image recognition autonomous vehicles using deep learning	International Research Journal of Engineering and Technology (IRJET)	2024
27	A Machine learning framework for predicting and Enhancing student emotion and satisfaction in online Education	Patent	10.01.2025

VII. CONFERENCE / SEMINAR/ WORKSHOP ORGANIZED

S.No	Organized Event	Title of the Event	Date
1.	Guest Lecture	Cloud Computing and its Application	07.09.2015
2.	Workshop	Company Perspective of Java Programming	30.08.2016 to 31.08.2016
3.	ICMR Sponsored Two days National Seminar	Advanced Computer Software Tools Used on Bioinformatics	09.08.2017 to 10.08.2017
4.	Guest lecture	Internet of Things	27.02.2018
5.	Awareness Programme	Career Guidance	11.08.2018
6.	Seminar on "Android Application Development"	Seminar	05.02.2019
7.	Importance of being agile in IT industry	Guest lecture	29.08.2020
8.	Guest lecture	Introduction to Devops	09.04.2021
9.	Webinar	Webinar on Industry 4.0	12.05.2021

10.	Workshop	AJAX and Node JS	07.04.2022 and 08.04.2022
11.	workshop	Computational Thinking with C Programming	04.11.2022
12.	Special Training program	PHP Coding for Real Time Applications	09.11.20.22
13.	Webinar	Blockchain Technology	15.11.2022
14.	Webinar	Predictive Analysis in Machine Learning	29.11.2022
15.	Awareness Program	Power of positive Thinking	01.02.2023
16.	Contest	The comp whizz-genius'2023 Intra college coding contest	11.09.2023
17.	Webinar	Scenario based interview questions and answers in c and python	06.10.2023
18.	CSIR sponsored workshop - VCEW	Regulatory challenges and opportunities for block chain – AI Integration in health care using viz,AI & Enlitic tools	14.03.2024 to 15.03.2024
19.	Workshop	Building IoT Applications right from scratch	15.04.2024
20.	Workshop	Advanced Java	14.11.2024
21.	IET Program	IET Insights: Building Your Future	20.01.2025
22.	Guest Lecture	Resilient Data Platforms with MongoDB	06.10.2025

Guest Lecture Delivered

S.No	Topic Delivered	Name of the Organization	Date
1.	Programming and data structures	VCTW	13.10.2016
2.	Code optimization and Code generation	VIETW	10.02.2016
3.	CS6202-Programming and data structures-I	VCTW	05.04.2017
4.	CS660-COMPILER DESIGN-Optimization	VCTW	23.02.2017
5	CS660-COMPILER	VCTW	20.02.2019

	DESIGN-Syntax Directed Translation		
6	U15IT625-Compiler Design Principle Sources of Optimization	VCEW	04.03.2019
7	Introduction to Advanced Java	VIAAS	16.06.2021
8	CS8602 Compiler Design	VCTW	23.05.2022
9	Development of Wireless Sensor Networks-WINS amps Underwater Acoustic and Deep Space Networks	KSR Institute for Engineering and Technology	11.11.2022
10	Sensor Network Platform and Tools	KSR Institute for Engineering and Technology	19.10.2023

VIII. MEMBERSHIP TO PROVISIONAL ORGANIZATION / ASSOCIATIONS

S.No	Name of the Organization / Associations	Life Member / Ordinary Member
1.	INDIAN SOCIETY OF SYSTEM FOR SCIENCE & ENGINEERING	Life Member
2.	INTERNATIONAL ASSOCIATION OF ENGINEERS (IAENG)	Life Member

1. NPTEL Online Certification for Cloud Computing
2. NPTEL Online Certification for Software Testing
3. NPTEL Online Certification for Effective Engineering Teaching in Practice
4. NPTEL Online Certification for Introduction to Industry 4.0 and Industrial Internet of Things
5. NPTEL Online Certification for Demystifying Networking



Signature of the Faculty