



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



I. GENERAL INFORMATION

1.	Name	:	B.Ananthi., M.E., (Ph.D)
2.	Designation	:	Assistant Professor
3.	Department	:	CSE
4.	College	:	Vivekanandha College of Engineering for Women
5.	Residential Address	:	1/41, Kudi Street, Thottipatti, Vallipuram, Namakkal- 637003
6.	Phone No.	:	9629805227
7.	E-mail id	:	ananthi@vcew.ac.in
8.	Date of Birth	:	04/01/1989
9.	Community	:	BC
10.	Father / Husband Name	:	K.Manivannan
11.	Area of Specialization	:	Networking
12.	Date of First Appointment in College Service	:	07/07/2010
13.	Date of Joining	:	08/06/2015

II. ACADEMIC QUALIFICATION

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.E.	Computer Science and Engineering	2010	Selvam College of Technology	Anna University	82	Distinction
PG	M.E.	Computer Science and Engineering	2013	Jayaram College of Engineering And Technology	Anna University	8.36	First
Ph.D.	Ph.D (Pursuing)	ICE	Registered on July 2021	Anna University	Anna University	-	-

III. TEACHING EXPERIENCE

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Vivekanandha College of Engineering for Women	Assistant Professor	08-06-2015	Till Date	10	4	22
Arulmurugan College of Engineering	Assistant Professor	02-01-2015	31-05-2015	0	5	28
Paavai Engineering College (Autonomous)	Assistant Professor	17-06-2013	20-11-2014	1	5	4
Greentech College of Engineering for Women	Lecturer	07-07-2010	31-08-2011	1	1	24
Total				13	5	18

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

S.No	Title	Event	Organizer	Date
1.	R-Programming Tool	FDP	Gnanamani College Of Technology	06.08.2016
2.	Research Methodology Technique Of Writing Research Article For SCI Journals & Ph.D Thesis Preparation	WORKSHOP	VCEW	21.10.2016
3.	Analysis of Algorithms	FDP	KSRIET	11.01.2017 & 12.01.2017
4.	Adaptively Secure Ciphertext policy attribute based encryption in Cloud Environment	International Conference on Modelling Simulation and Control (ICMSC)	Karpagam College of Engineering, Coimbatore	01.04.2017 & 02.04.2017
5.	Emerging Trends In Medical Applications	SEMINAR	Paavai Engineering College, Namakkal	27.04.2017 & 28.04.2017
6.	ICMR Sponsored Seminar on Advanced Computer Software Tools used on Bioinformatics	Seminar	VCEW	09.08.2017 & 10.08.2017
7.	FDP on NBA/NAAC Accreditation Process	FDP	VCTW	01.09.2017
8.	FDP on Design and Analysis of Algorithms	FDP	JCT College of Engineering and Technology	24.11.2017 to 30.11.2017
9.	FDTP on Multicore Architecture and Programming	FDTP	Gnanamani College of Technology	06.12.2017 to 13.12.2017

S.No	Title	Event	Organizer	Date
10.	National workshop on "The Internet of Things Application Development"	workshop	Paavai Engineering college	29.01.2018
11.	Presented a paper on "Smart Road Transportation in Toll Cash Collection System" in International	conference	Selvam College of Technology	08.03.2018 to 09.03.2018
12.	Presented a paper on "Advance Fairplay systems in google play" in International conference	conference	Selvam College of Technology	08.03.2018 to 09.03.2018
13.	Leading towards Excellence in Teaching	Faculty awareness program	VCEW	19.07.18
14.	Two Days Hands on Workshop "Power of Python in Current IT Industries	Workshop	VCEW	16.08.18 & 17.08.18
15.	Introduction to Python Programming	FDP	ICT Academy Kongunadu College of Engg. And Tech.	23.11.2018-24.11.2018
16.	Data Security in Internet of Things	Workshop	Dr.Mahalingam College of Engineering And	28.12.2018 & 29.12.2018
17.	Introduction to Big Data Analytics	FDP	ICT Academy in VCTW	18.02.2019 & 19.02.2019
18.	Cyber Security & Ethical Hacking	International Seminar	VCEW with CIITE	04.03.2019 to 07.03.2019
19.	NAAC Accreditation and Documentation	Awareness Program	VCEW	19.09.2019
20.	One day Workshop on R	National Mission on Teachers and Teaching	VCEW	09.11.2019
21.	NPTEL Workshop	NPTEL Workshop	M.Kumarasamy college, Karur	10.01.2020
22.	IOT & Data Analytics	IET Sponsored National Seminar	VCEW	18.02.2020 - 19.02.2020
23.	RTO Management System	AICTE Sponsored National Conference	VCEW	21.02.2020 & 22.02.2020
24.	College Inquiry Chatbot using Artificial Intelligence	AICTE Sponsored National Conference	VCEW	21.02.2020 & 22.02.2020

S.No	Title	Event	Organizer	Date
25.	One Day Workshop on C and C++	National Mission on Teachers and Teaching-	VCEW	29 February 2020
26.	Cyber Security - Data Leak Prevention	CTE-International Workshop	VCEW	03.03.2020 - 05.03.2020
27.	Completion of Java Training	Spoken Tutorial Course	IIT Spoken Tutorial	13.04.2020
28.	Completion of Python 3.4.3	Spoken Tutorial Course	IIT Spoken Tutorial	18.04.2020
29.	Virtual Teaching	FDP	Teaching Learning Centre, CIT	20.04.2020 to 21.04.2020
30.	Arduino	5 Days FDP	Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engg. & Tech. with IIT	29.04.2020 to 03.05.2020
31.	Web Based Training on Virtual Classroom	Online Training Program	KPR Institute of Engineering and Technology	02.05.2020
32.	Basics of Machine Learning	Online Webinar	St. Peter College of Engineering and Technology	05.05.2020
33.	Front end Framework: Angular	FDP	Sathyabama Institute of Science and Technology	15.05.2020 to 16.05.2020
34.	Emerging Technologies in Computer Science	FDP	Dr.M.G.R Educational and Research Institute	28.05.2020 to 02.06.2020
35.	IPR and IP Management for innovations	AICTE and MHRD innovation	Tagore Institute of Engineering	25.06.2020
36.	Impact of National Education Policy-2020 On Women Education	Seminar	VCEW	18.09.2021
37.	Advanced concepts of outcomes-based education	Seminar	Inpods India Pvt Ltd	06.10.2021 to 08.10.2021
38.	Data Sciences	FDP	ICTE Training And Learning (ATAL) Academy	07.09.2020 to 11.09.2020
39.	IOT	FDP	Dr.Mahalingam Coleege of Engg & Tech	14.09.2020 to 18.09.2020

S.No	Title	Event	Organizer	Date
40.	FDP on Block Chain	FDP	ATAL Online initiative with NIT Arunachal	14.12.2020 to
41.	Challenges and opportunities in implementing IoT and Machine	STTP	Kongunadu College of Engineering and	18.01.2021 to 23.01.2021
42.	AI	FDP	Karpagam College of Engineering	02.02.2021 to
43.	IOT Application with blockchain Techniques	FDP	Mahendra Engineering College	17.03.2021 to 30.03.2021
44.	AICTE	Workshop	“Examination reforms by AICTE	28.06.2021 to 30.06.2021
45.	Machine Learning concepts with Python	FDP	ATAL FDP	05.07.2021 to 09.07.2021
46.	Critical Design Thinking In Engineering And Collaborative	FDP	ATAL FDP	09.08.2021 to 13.08.2021
47.	IoT in Health Care	FDP	ATAL FDP	12.12.2021 to 16.12.2021
48.	Machine Learning Applications For Autonomous Drive	FDP	KLE Technological University, Karnataka	24.01.2021 to 28.01.2022
49.	Intellectual Property Awareness Program	FDP	National intellectual property Awareness Mission (NIPAM)	14.03.2022
50.	Robotic Process Automation(RPA)	Seminar	Kongu Engineering College	11.04.2022
51.	Artificial Intelligence and Machine Learning	FDP	KSR College of Engineering sponsored by Centre for Faculty &	06.03.2023 to 11.03.2023
52.	Cyber Resilience Systems and Security	Hands on Training	Department of Computer Science and Engineering with CSI	30.03.2023 o 31.03.2023
54.	10 Days Research Workshop on Paper Writing	Workshop	VCEW	26.02.2024 to 08.03.2024
55.	Regulatory Challenges and Opportunities for Blockchain – AI Integration in Health Care	CSIR Workshop	VCEW	14.03.2024 to 15.03.2024
56.	Python	National level FDP	Star International Foundation for Research and Education	19.03.2024 to 25.03.2024
57.	Effective Research Paper Writing Strategies and High Impact	FDP	Kongu Engineering College, Erode	22.04.2024 to 26.04.2024

S.No	Title	Event	Organizer	Date
58.	Analysis of Criminals Using Facial Recognition	ISTE Sponsored National Conference	Knowledge Institute of Technology	11.05.2024
59.	Quantum Neuromorphic Computing for Viable and Sustainable Generative AI	ATAL FDP	M. Kumarasamy College of Engineering, Karur	02.12.2024 to 07.12.2024
60.	Revolutionizing Agriculture through AI Models, Practices and Interventions	ATAL FDP	M. Kumarasamy College of Engineering, Karur	06.01.2025 to 11.01.2025
61.	Nexus-AI	FDP	VCEW	23.08.2025
62.	Empowering Educators - Exploring Quantum Computing And AI Frontiers	ATAL FDP	Knowledge Institute Of Technology	15.09.2025 to 20.09.2025.

V. PUBLICATIONS

1. JOURNAL

S.No	Title of the Paper	Journal Name	Year of Publication
1.	A Review on Attribute based Access Control Scheme in Cloud Environments	The Institute of Interactive Omics and Applied Biotechnology Journal	2016
2.	IOT Based Smart Gargage Monitoring and Intelligent Alert System Using Arduino UNO	International Journal of Future Innovative Science and Technology	2017
3.	A Survey On Providing Anonymous Protection And Security For Medical Data Sharing	International Journal of Future Innovative Science and Technology	2017
4.	A System For Providing Anonymous Protection And Security For Medical Data Sharing	International Journal of Future Innovative Science and Technology	2018
5.	Detaching and Reproducing of data in a cloud for excellent performance and security	IRJAET	2018
6.	Detaching and Reproducing of data in a cloud for excellent performance and security	International Research Journal Advanced Engineering and Technology	2019

S.No	Title of the Paper	Journal Name	Year of Publication
7.	Elegant Helmet using IOT	International Journal of Intellectual Advancements and Research in Engineering Computations	2019
8.	A survey on quantization of web products using partial PQ codebook	International Journal of Intellectual Advancements and Research in Engineering Computations	2020
9.	An efficient long range sensor adapted data sharing on LPWAN	International Journal of Intellectual Advancements and Research in Engineering Computations	2020
10.	Quantization of Web Products Using Partial PQ Codebook	Journal of Xi'an University of Architecture & Technology	2020
11.	Classification of Custard Apple Leaves Using Deep Convolutional Networks	Turkish online journal of qualitative inquiry, volume-12, No.6 (2021)	2021
12.	Number plate recognition system using matlab	International Journal of Intellectual Advancements and Research in Engineering Computations	April 2021
13.	Low cost and smart cooling system for tractor"	The International Journal In computer and communication engineering	May 2021
14.	Secured Multi keyword Search over Encrypted Cloud Data Based on Quality and Usability	Turkish Journal of Computer and Mathematics Education Vol.12 No 13 (2021),	June 2021
15.	Privacy Multi keyword Mapping And Search over Encrypted Cloud Data	International Journal of Research And Analytical Reviews (IJRAR)	Jan 2022
16.	Multiple Key Security Scheme for Data Protection in Cloud Server	International Journal of Innovative Research in Computer and Communication Engineering	May 2022
17.	A Novel multilevel Ranking Technique for Cloud Computing Services based on Quality and Usability	International Journal of Intellectual Advancements and Research in Engineering Computations	June 2022
18.	Security Multi keyword Mapping and Search Over Encrypted Cloud Data	International Research Journal of Engineering and Technology (IRJET)	July 2022.
19.	The Survey on Reference Model for Open Storage Systems Interconnection Mass Storage with Key Documented	International Research Journal of Engineering and Technology (IRJET)	March 2023
20.	A Deep Learning Based Tire Quality Inspection System	International Journal of Advances in Engineering and Management	April 2023

S.No	Title of the Paper	Journal Name	Year of Publication
21.	A Review on Cloud Computing Security Using Machine Learning	International conference on Transforming Engineering Systems for Sustainability	Nov 2023
22.	Detecting of Criminals Using Facial Recognition	International Journal of Engineering Research & Technology(IJERT)	Oct 2024
23.	Enhanced Quality Monitoring System in River Water Using IoT	International Journal of Research and Analytical Reviews(IJRAR)	Nov 2024
24.	Real Time Dress Code Surveillance of College Students using Deep Learning Techniques	IEEE Xplore	Nov 2024
25.	AI Enhanced Surveillance for Identifying and Recognizing Crowd Behavior A Survey	International Journal Of Innovative Research In Technology	Dec 2024
26.	Terrain Monitoring For Construction Using IoT	International Journal Of Creative Research Thoughts - IJCRT	April 2025
27.	Learning Management System	International Journal of Research and Analytical Reviews(IJRAR)	April 2025

2. **BOOKS/BOOK CHAPTER**

S.No	Author/s	Title	Publisher	Year of publication	Book/Book Chapter
1.	S.Saranya, B.Ananthi , A. Yoganathan, A.S.Renugadevi	Database Management Systems	Charulatha Publication	April 2022	Book
2.	Dr. K. Deepa Thilak Dr. K. Kalaiselvi Dr. K. Lalitha Devi Mrs. B.Ananthi	Introduction to IOTs and Its Application	Deccan International Academic Publishers	June 2023	Book
3.	B.Ananthi	Harmony in health (Chapter 2)	IET	2024	Book Chapter

VI. CONFERENCE / SEMINAR/ WORKSHOP ORGANIZED

S.No	Organized Event	Title of the Event	Date
1.	Seminar	Recent Trends of IT Industry	27.03.2018
2.		Motivational Programme	04.08.2018
3.	Seminar	Cloud Computing Industry Perspective	19.01.19
4.	Workshop	Android Mobile Application Development	24.09.2019-25.09.2019
5.	Guest Lecture	PERL Language in Open Source Software	11.10.2019
6.	Seminar	Object oriented Software Networks	24.02.2020
7.	Workshop	Python and MYSQL	12.04.2022
8.	Workshop	Game Plan for High Income	11.09.2023
9.	Bridge Course	Lateral Entry	16.08.2024-17.08.2024
10.	Bridge Course	Lateral Entry	09.07.2025-17.07.2025

Guest lecture delivered

S.No	Topic Delivered	Name of the Organization	Date
1.	Computer Architecture	VIETW	11.02.2017

VII. CONFERENCE / SEMINAR/ WORKSHOP/ PROJECT PROPOSAL APPLIED

S.No	Applied Event	Title of the Conference/Seminar/ Workshop	Funding Agency/ Department	Date	Amount
1	Workshop Proposal	Internet of Things using Raspberry PI	Defense Research and Development Organization	12.09.2018	Applied 95,000
2	Project Proposals	Smart POS for Hyper Market Budget	DST - Women Scientist Scheme B	16.11.2018	Applied 8,00,000
3	Project Proposal	Intelligent Safety System for Women using IoT	TNSCST	12.02.2019	Applied Rs.3,00,000
4	Seminar Proposal	Detection of plant leaf disease in Agriculture: Role of Deep Learning Techniques”	CSIR	11.10.2023	Applied 90,000

CONFERENCE / SEMINAR/ WORKSHOP/ PROJECT PROPOSAL SANCTIONED

S.No	Applied Event	Title of the Conference/Seminar /Workshop	Funding Agency/ Department	Date	Amount
1	Niral Thiruvizha (Hackathon)	Detecting of Criminals Using Facial Recognition	Niral Thiruvizha (Hackathon), Tamilnadu Government	02.07.2025	Sanctioned 10,000
2	Workshop Proposal	The Generative AI Revolution in Healthcare: Precision, Efficiency and Innovation	ICMR	04.04.2025	Sanctioned 2,94,500

Patent Applied and Published

S.No	Patent App. No.	Applicant Name	Title of Invention	Field of Invention	Publication Date
1	Patent (20224100 6370)	Dr. K. Muthumanickam, Mrs. B. Ananthi	An Intelligence Nect Wearable Device for Women Safety Using Deep Neural Network	Computer Science	11.02.2022

VIII. Trainer Certification


Trainer Details		
Course Name	Category	Date
AICTE incorporating Universal Human Values In Education – UHV-I	Certified Coach for 60 Students	25.10.2021 to 29.10.2021
AI Youth Program from Intel Dell Technologies	Coach	14.03.2023
AICTE incorporating Universal Human Values In Education – UHV-II	Certified Coach for 120 Students	15.04.2024 to 20.04.2024

IX. Online Certification

Online Certification Courses Completed:		
Course Name	Duration	Year
NPTEL – Machine Learning Using Python	4 weeks course	2022
NPTEL – Data Mining	8 weeks Course	2023

X. MEMBERSHIP TO PROVISIONAL ORGANIZATION / ASSOCIATIONS

S.No	Name of the Organization / Associations	Life Member / Ordinary Member
1.	ISSE	Life member
2.	IRED	Associate Member
3.	ISTE	Life member
4.	IFERP	Professional Member


Faculty Signature