



VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN
[AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI]
Elayampalayam – 637 205, Tiruchengode, Namakkal Dt., Tamil Nadu.



INDIVIDUAL FACULTY PROFILE

I. GENERAL INFORMATION

1. Name : B.MANIVANNAN
2. Designation/Dept. : Assistant Professor / CSE
3. Residential Address : F.78,Periyar Nagar
Erode.
- Phone No. : +91 - 9994503230
- E-mail id : manivannan@vcew.ac.in
4. Date of Birth : 30-04-1981
5. Community : BC
6. Father / Husband Name : P.Balasubramaniam
7. Area of Specialization : Deep Learning
8. Date of first appointment
in college service : 26.05.2005
9. Date of Joining : 28-06-2023

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
U.G.	B.E.	Computer Science and Engineering	2005	M.P.NachiMuthu M.Jaganathan Engineering College	Anna University	68	First Class
P.G.	M.E.	Computer Science and Engineering	2013	Annai Mathammal Sheela Engineering College	Anna University	8.4	First Class
Ph.D.	Ph.D(Pursing)	Deep Learning	Pursing	Vivekanandha College of Engineering for Women	Anna University	-	

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	28-06-2023	Till date	1	5	-
Velalar College of Engineering and Technology, Erode (Autonomous)	Assistant Professor	22-04-2022	31-05-2023	1	1	-
Al-Ameen Engineering College, (Autonomous)	Assistant Professor	01-07-2013	09-12-2021	8	5	-
Maharaja Engineering College	Lecturer	02-06-2010	31-05-2013	3	-	-
Arulmighu Chandikeswarah Polytechnic College, Coimbatore	Head of the Department	26-05-2005	24-05-2010	5	-	-
Total				18	11	-

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

S.No	Title	Event	Organizer	Date
1.	Research Perspective in image processing using AI/MI	Webinar	Velalar College of Engineering and Technology	22.06.2020
2.	Role of Internal Academic and Administrative Auditing Higher Education	Workshop	Adhiyamaan College of Engineering	02.12.2020 & 03.12.2020
3.	CO-PO Mapping	Webinar	Sri Manakula Vinayagar Engineering College	29.05.2020
4.	Faculty Awareness Programme on NBA to keep in touch with NBA Accreditation	Workshop	PACE Institute of Technology and Sciences	17.05.2020
5.	Data Analysis using R Programming	Webinar	RVS College of Engineering	03.06.2020
6.	Exploring Outcome Based Education and NBA Process	Webinar	Knowledge of Institute Of Technology	07.05.2020 to 13.05.2020
7.	Statistical Methods for Machine Learning	Seminar	Velalar College of Engineering and Technology	29.07.2022
8.	The importance of outcome based education In a modern educational setup	Seminar	Hindustan Institute of Technology	21.10.2022 & 22.10.2022
9.	Enhancing Quality Teaching Strategies through Outcome Based Education	Seminar	Kongu Engineering College	02.03.2021 & 03.03.2021

10.	Outcome Based Curriculum Design	FDP	Kongu Engineering College	24.02.2020 to 29.02.2020
11.	Artificial Intelligence	FDP	All India Council For Technical Education	30.04.2020 to 04.05.2020
12.	Faculty Program on NBA	FDP	Bharathi Vidyapeeth College of Engineering	05.09.2020
13.	Awareness Program on outcome Based Education (OBE)	FDP	MLR Institute of Technology	19.05.2020
14.	Wireless Networks	FDP	National Institute of Technical Teachers Training and Research	26.09.2022 to 3.09.2022
15.	Data Science using Python	FDP	National Institute of Technical Teachers Training and Research	10.10.2022 to 14.10.2022
16.	Artificial Engineering & Machine Language	FDP	IIT Alumni Industry Interaction Center, IIT Madras Research Park	28.11.2022
17.	Effective Curriculum Implementation	FDP	National Institute of Technical Teachers Training and Research	12.12.2022 to 16.12.2022
18.	Data Science using Machine Learning	FDP	Pravara Rural Engineering College	02.01.2023 to 06.01.2023
19.	Curriculum Design for Developing Job related Competencies	FDP	National Institute of Technical Teachers Training and Research	09.01.2023 to 13.01.2023
20.	Basic Electronics	International	International Conference on Innovations in Communication, Information and Computing	January 2013
21.	Cloud Computing	National	Emerging Trends in Intelligent Computing and Technology	November 2012
22.	Implementation of Mobile Target Detection in Wireless Sensor Networks	International	Advanced Computing Machines and Embedded Technology	February 2013
23.	Cipher text Data Retrieval	International	Information and Communication Engineering	April 2023
24.	Smart Retrieval of Text From Accurate Image Scanning Using OCR Method	National	Trends in Engineering Applications	May 2022

25.	Learning For NLP and Computer Vision	National	NIST Institute of Science and Technology	25.10.2023 to 31.10.2023
26.	Empowering Educators AI in Robotics Innovative Initiatives Digital Era	National	Sri Krishna College of Engineering and Technology	04.12.2023 to 08.12.2023
27.	Intelligent Diagnosis of Diabetic Retinopathy Leveraging Machine Learning and Deep Learning	International Conference	International Conference on Advances In Emerging Trends in Computer Applications(ICATE C-2023)	21.12.2023 to 22.12.2023
28.	Innovative Research Opportunities and Application of Data science in Industry 5.0 Paradigm	International Faculty Development Programme	SRM Institute Of Science and Technology	18.08.2023 to 31.08.2023
29.	Modern Research Convergence in Next Generation Computing	International Faculty Development Programme	Sri Krishna College of Engineering and Technology	18.12.2023 to 22.12.2023
30.	Microsoft Power BI Data Analyst Associate	ICT Academy Faculty Development Programme	Vivekanandha College of Arts & Science For Women	12.02.2024 to 16.02.2024
31.	Business Analytics	National Faculty Development Programme	AISSMS College of Engineering, SJC Institute of Technology	05.02.2024 to 09.02.2024
32.	Python Programming with DJANGO Framework for Building Web Applications	National Faculty Development Programme	CMR Engineering College	12.02.2024 to 16.02.2024
33.	Deep Learning Techniques for Social Media Analytics	International Faculty Development Programme	Kongu Engineering College	15.04.2024 to 20.04.2024
34.	Effective Research Paper Writing Strategies and High Impact Journal Publication Technique	National Faculty Development Programme	Kongu Engineering College	22.04.2024 to 26.04.2024
35.	Deep Learning and IoT Technologies in Precision Healthcare	National Faculty Development Programme	Kongu Engineering College	16.08.2024 to 17.08.2024
36.	Full stack development	Two days Faculty Development Programme	Guvi Geek pvt ltd	9.8.2024 to 10.8.2024
37.	Machine Learning Algorithms for Detection of Threats in	International Conference on Emerging Research	Karpagam Academy of Higher Education	07.12.2023 to 09.12.2023

	IoT Health care	in Computational Science (ICERCS)-2023		
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V. PUBLICATIONS

1. JOURNAL

S.No	Title of the Paper	Journal Name	Year of Publication
1.	Enhancing MRI-Based Brain Tumor Classification Accuracy through EfficientNetB3 and Advanced Image Data Augmentation Techniques	International Conference on Emerging Research in Computational Science (ICERCS)	2024
2.	IoT Based Computing Device For Finance Management	The Patent Office Design No: 430995-001 Date: 19/09/2024	19.09.2024
3.	Virtual Machine For Big Data In Cloud Computing	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume 13, Issue 11, November 2024
4.	Crop Yield Forecasting and Recommendation System	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)	Volume 12, Issue 11, November 2024

2. BOOKS

S.No	Author/s	Title	Publisher	Year of publication
1	-	-	-	-

VI. CONFERENCE / SEMINAR/ WORKSHOP ORGANIZED

S.No	Organized Event	Title of the Event	Date

GUEST LECTURE DELIVERED

S.No	Topic Delivered	Name of the Organization	Date
1.	Programming in C	Velalar College of Engineering and Technology	16.07.2022
2.	Multimedia	VETIAS	11.06.2022
3.	Recent Emerging Trends	AEC	08.09.2022

VII. MEMBERSHIP TO PROVISIONAL ORGANIZATION / ASSOCIATIONS

S.No	Name of the Organization / Associations	Life Member / Ordinary Member
1.		



Signature of the Faculty