

RESUME

V.Veera Anusuya

Assistant Professor

Department of Artificial Intelligence and Data Science

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Research Interests:

Data Mining, Data Analytics, Image Processing, Artificial Intelligence and Data Science

Educational Qualification:

Degree	Branch	Name of the Institution/University	Year of Passing	Class/Division
PhD	ICE	Anna University, Chennai	Pursuing	-
M.E	CSE	Thiagarajar College of Engineering, Madurai	2015	First Class with Distinction
B.E	CSE	Kamaraj College of Engineering and Technology, Virudhunagar.	2013	First Class

Courses Taught:

UG: Problem Solving Techniques, Data Structures, Essentials of Machine Learning, Application of development using Firebase, Machine Learning, Constitution of India, Computer Programming, C Programming Applications (volume III), Design and Analysis of Algorithms, Deep Learning.

PG: Data Science

Professional Experience:

Designation	Institution/Organization	Period	Nature of Duties
Assistant Professor	National Engineering College, Kovilpatti	07-04-2022 to present	Teaching, providing guidance and Supervision to Engineering graduate students.
Assistant Professor	Sri Vidya College of Engineering and Technology, Virudhunagar	03-06-2019 to 06-04-2022	Teaching a requisite number of classes to Engineering graduate students.

No. of years of Experience: 5 years 2 months

List of SCI Journal Publication:

S. No	Name of the Authors	Title of Paper	Name of Journal	Page No & Volume	Year of publication	Impact Factor
1	Ms.V.Veera Anusuya, Dr.V.Gomathi	An Efficient Technique for Disease prediction using Enhanced Machine Learning Algorithms for Categorical Medical Dataset	Information Technology and Control	Vol.50	2021	1.228

List of Scopus Index Journal Publication:

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year of publication
1	Saranya M, Veera Anusuya V	Image Captioning based on Encoder Decoder Architecture	Third International Conference on Intelligent Techniques in Control, Optimization and Signal Processing	2024
2	V.Veera Anusuya	Smart Entry System for College Using IoT and RFID	International Conference on Energy, Materials and Communication Engineering (ICEMCE)	2024
3	V.Veera Anusuya	Underwater Object Prediction using Sonar Waves	International Research Journal on Advanced Engineering Hub	2024
4	V.Veera Anusuya, Dr.V.Gomathi	Framework for advanced Weather Forecasting Techniques using DMaaS in Cloud	International Conference on Current Trends towards Converging Technologies	2018
5	V.Veera Anusuya, Dr.V.Gomathi	A Survey on Distance Measure of Supervised and Unsupervised learning: Categorical Data	International Conference on Current Trends towards Converging Technologies	2018
6	Sridevi S, VeeraAnusuyaV, Maha Lakshmi	Prediction of Time Series using SVM and ARMAX in International Journal of Applied Engineering Research	International Conference on Intelligent systems and control	2015
7	V.Veera Anusuya	Effective image retrieval based on content by integrating wavelets with clustering	International Conference on Intelligent systems and control	2015

List of International Conference Attended:

S.No	Title of Paper	Conference Detail	Date
1	Image to Text Conversion using Deep Learning Algorithms : Survey	International Conference on Advanced Computing and Communication Systems (ICACCS)	14.3.2024 & 15.3.2024
2	Muson - Emotion Based Music Recommended System	International Conference on Advanced Materials and Technology for Industry 4.0 – “ICAMT 4.0” organized by Department of Mechanical Engineering, Bannari Amman Institute of Technology, Sathyamangalam, Erode.	23-03-2023 & 24-03-2023

3	Automated Canteen Management System	International Conference on Advanced Materials and Technology for Industry 4.0 – “ICAMT 4.0” organized by Department of Mechanical Engineering, Bannari Amman Institute of Technology, Sathyamangalam, Erode.	23-03-2023 & 24-03-2023
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Faculty Development Program Attended:

S.No	Topic	Conference Detail	Date
1	Building Advanced Data Analytics Applications With Cloud	Edunet Foundation (AICTE Sponsored 5 days Training Programme)	08-01-2024 to 12-01-2024
2	Compiler Design	National Engineering College, Kovilpatti	31-07-2023 to 04-08-2023
3	Python Programming – A Practical Approach	E & ICT Academy, IIT Kanpur	26-12-2022
4	Program on Data Structures	Velammal Engineering College	25-05-2020 to 29-05-2020
5	Artificial Intelligence and Deep Learning	National Engineering College(Conducted Bennett university)	28-12-2018 to 30-12-2018
6	Big Data Analytics	Kongu Engineering College (DST Sponsored 10 days Training Programme)	06-06-2016 to 17-06-2016

Project Proposal Submitted:

S.No	Topic	Submitted under the Institution	Submitted on
1	Biofuel from Organic Waste	Startup TN - Waste into Wealth	16.05.2024
2	Budget Friendly Biofuel and Fertilizer: Shaping a sustainable Future	Startup TN - Waste into Wealth	17.05.2024
3	Edible Bioplastic from banana peel	Startup TN - Waste into Wealth	16.5.2024
4	Smart Entry System for College Using IoT and RFID	MSME Innovation Championship scheme	09-08-2023
5	Hydro - Automated Elevation : A Metrologically Responsive Rooftop Unveiling System	New Generation Innovation and Entrepreneurship Development Centre, National Engineering College	26-09-2023
6	Smart Irrigation Using RF Module	Tamilnadu State Council for Science and Technology(TNSCST)	09-10-2023

Workshop Attended:

S.No	Topic	Institution	Course Detail	Date
1	Writing proposal for Funded Project	Ethiraj College for Women, Chennai	National Workshop Conducted by Global Institute of Statistical Solutions(GISS)	14-04-2024
2	Transfer Learning for Deployable AI: Techniques and Applications	Indian Institute of Information and Technology, Tiruchirappalli	SERB sponsored National Workshop	11.12.2023 to 15.12.2023
3	Question Paper Setting	National Engineering College	Workshop delivered by Dr.P.Jeyarekha(Head & Prof.), BMS College of Engineering, Bangalore	27-11-2023 & 28-11-2023
4	Cyber Security	Thiagarajar College of Engineering	TEQIP sponsored workshop	26-03-2014
5	BugDeBug	Mepco Schlenck Engineering College	Software Testing Workshop	17-09-2011
6	Entrepreneurship Development Programme	Kamaraj College of Engineering and Technology	Conducted by Boopathi Educational & Social Trust	11-08-2010 & 12-08-2010

7	Fundamentals of Telecom	Bharat Sanchar Nigam Limited, Virudhunagar	Inplant Training	06-06-2011 to 10-06-2011
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Industry Know How Attended:

S.No	Topic	Institution	Date
1	IBM Virtual Faculty Buildathon (Data Analytics)	IBM Smart Internz	24-7-2023 to 04-08-2023

Courses Delivered:

S.No	Title	Event Type	Duration of the Program	Number of Participants
1	3 rd State level PYWEEK – A pygame Contest	Programming Contest	11.07.2022 to 18.07.2022	110
2	4 th State level PYWEEK – A pygame Contest	Programming Contest	16.06.2023 to 24.06.2023	343
3	5 th State level PYWEEK – A pygame Contest	Programming Contest	22.05.2024 to 29.05.2024	149

Technical Events Organized:

S.No	Title	Duration	No of Participants
VALUE ADDED COURSE			
1	BlockChain and Smart Security	August – November 2023	15
TECHNICAL SYMPOSIUM			
1	COMPONEC (Inter College)	23.03.2023 to 24.03.2023	356

Completion of Mini Project:

S.No	Project Topic	Duration
1	IOT-Based Accident Detection and Rescue System	Jan - May 2023
2	Smart Entry System for college using IOT and RFID	Jan - May 2023

Short Term Courses/Seminar/Webinar Attended:

S.No	Topic	Institution	Duration
1	Core Training at Data Structures and Algorithms	NEC Conducted by Dr.Meghana, IITM Chennai	17-06-2024
2	Data Science Boot Camp	Offered by Learn Square Technologies	12-06-2024 to 14-06-2024
3	Infosys SB Expert Sessions (Data Structures)	Infosys Springboard	24-06-2024 to 28-06-2024
4	Instructional Design and Delivery Systems	Conducted by NITTTR, Chennai	16.05.2024 to 18.05.2024
5	Digital and AI Tools in Education	Dynamic Minds Group(Google for Education Partner)	14-4-2024
6	Digital and AI Tools in Education	Dynamic Minds Group(Google for Education Partner)	5-2-2024
7	Digital and AI Tools in Education	Dynamic Minds Group(Google for Education Partner)	5-1-2024
8	State Level webinar on “How to face viva voce examinations effectively”	St.John’s College of Education, Tirunelveli	19-8-2023

9	IEEE: Enhancing Your Project Work and Research (Awareness Programme about IEEE Xplore and EBSCO eBooks)	National Engineering College, Kovilpatti	26-7-2023
10	Stochastic Approximation Algorithms-IARCS sponsored Instructional Course	National Engineering College, Kovilpatti	27-04-2023 to 28-04-2023
11	Design Thinking Process-Short Term Course	National Engineering College, Kovilpatti	July 2022
12	Python Fundamentals for beginners	Great Learning	Feb 2022
13	NPTEL - Introduction to Research	Indian Institute of Technology, Madras	Jan 2016
14	Stochastic Approximation Algorithms-IARCS sponsored Instructional Course	National Engineering College, Kovilpatti	27-04-2023 to 28-04-2023
15	Design Thinking Process-Short Term Course	National Engineering College, Kovilpatti	July 2022
16	Python Fundamentals for beginners	Great Learning	Feb 2022
17	NPTEL - Introduction to Research	Indian Institute of Technology, Madras	Jan 2016

Recognition:

- Received Top Performing Mentor award for the course “Data Analytics with Python” during Jan to April 2024.
- Received Appreciation award for the course “Deep Learning – IIT Ropar” during Jan to April 2024.
- Received Best Project Award in UG level in the topic “IoT Based accident detection and rescue system” at International Conference on Recent Trends in Management, Engineering & Technology(ICMET 2023) during 23-12.2023.

Specific Achievements:

S.No	Course Name	Topic	Grade	Duration
1	NPTEL	Data Analytics with Python	Elite	Jan - April 2024
2	NPTEL	Cloud Computing	Elite + Silver	July – October 2022
3	NPTEL	Introduction to Internet of Things	Elite + Silver	July - October 2023

Contribution to the Institution:

- ISTE Student and Staff Chapter Convener(2024 – 2025)

Contribution to the Department:

- Tutor
- Staff Incharge (APJ & CVR Lab) -2022-2023
- NAAC Criteria 5 Member (2021 – 2022)
- NBA – Criteria 9 Member (2021 – 2022)
- CSE Association – Member (2022 – 2023)
- AI & ML Focus Group – Member (2022 – 2024)
- Discipline Committee Member (2024 -2025)
- Academic and Moderation Incharge (2024– 2025)
- Department Placement Coordinator(2024-2025)
- BOS Coordinator (2024 – 2025)
- Internship, In-plant Training, Industrial Visits Coordinator (2024 – 2025)
- Hackathon, Online Contest Student Participation Coordinator (2024 - 2025)
- Student Project Outcome Coordinator (2024 – 2025)
- Deep Learning Lab Incharge (2024 -2025)