RESUME

Ms.R.Navedha Evanjalin
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Research Interests

Image Processing,Visual Sensor Networks.

Educational Qualification

- M.E, Computer Science and Engineering, SCAD College of Engineering & Technology, Tirunelveli, First Class - 8.24 CGPA, 2017.
- B.Tech, Information Technology, PSN College of Engineering & Technology, Tirunelveli, First Class - 7.87 CGPA, 2012.

Professional Experience

Designation	Institution/Organization	Period	Nature of Duties
Assistant Professor	National Engineering College, Kovilpatti.	21.07.2022 – Till Date (2 years)	Teaching
Assistant Professor	Nellai College of Engineering, Tirunelveli.	03.09.2021– 16.06.2022 (10 months)	Teaching

No. of years of Experience: 02 year 10 months

List of International Journals

Sl. No	Authors	Paper Title	Journal Detail	Year of Publication
1.	Ambigeswari R, Aruna Ramalakshmi P, Guru Gayathri V, Navedha Evanjalin R	Plagiarism Checker for Online Assessment	International Journal of Progressive Research in Science and Engineering (IJPRSE)	May 2023
2.	Ms.R.Navedha Evanjalin , Mr.Petchimuthu.	Tree Structured Image Segmentation Based On Super Pixel **Best Research Paper Award**	International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE)	March 2017

List of International Conferences

Sl. No	Authors	Paper Title	Conference Detail	Year of Publication
1.	Abisha D, Navedha Evanjalin R, Ida Christy J, Syed Rabiya M, Bala Dinesh S	ARtViz: Enhancing Art Books with Marker-Based Augmented Reality for 3D Visualization using Vuforia and Unity	5th International Conference on Image Processing and Capsule Networks	July 2024

2.	Abisha D, Mahalakshmi M, Pritiga T, Thanusiya M, Punitha Sahaya Sherin A, Navedha Evanjalin R, Amsaprabhaa M	Revolutionizing Rural Healthcare in India: AI-Powered Chatbots for Affordable Symptom Analysis and Medical Guidance	7th International Conference on Inventive Computation Technologies, ICICT-2024.	April 2024
3.	Abisha D, Syed Rabiya M, Ida Christy J, Navedha Evanjalin R	A Robust Machine Learning Framework for Early Prediction of Parkinson's Disease	5th International Conference on Innovative Trends in Information Technology (ICITIT'24)	April 2024
4.	Abisha D, Varshini S, Thejaswini A, Sineka P, Navedha Evanjalin R, Ida Christy J	Blockchain-Enabled Pharmacy Supply Chain Management: Ensuring Transparency and Efficiency	International Conference on Sustainable Communication Networks and Application ICSCNA 2023.	November 2023
5.	Punitha Sahaya Sherin A, Abisha D, Pritiga T, Thanusiya M, Amsaprabhaa M, Navedha Evanjalin R	An Investigation into the Implementation and Effectiveness of an IoT-based Smart Parking System	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) -I-SMAC 2023.	October 2023
5.	Navedha Evanjalin R	Specialization Analysis For Career Choice Using Skill Test	International Conference on Advanced Materials and Technologies for Industry 4.O – "ICAMT 4.O"	March 2023
7.	Navedha Evanjalin R	AI – Stock Trading BOT	6th International Conference on Emerging Trends in Engineering, Management and Applications in PET Engineering College, Vallioor.	June 2022
8.	Navedha Evanjalin R	An Enhanced Image Segmentation Based on Tree Structure and Region Merging	International Conference in PET Engineering College, Vallioor.	March 2017

List of National Conferences

Sl. No	Title of paper	Conference detail	Date
1.	Tree Structured Image Segmentation Based On Super Pixel	National Conference in Universal College of Engineering And Technology, Vallioor.	28th March 2017
2.	An Enhanced Image Segmentation Based on Tree Structure and Region Merging	2nd National Conference in VV College of Engineering, Tisaiyanvilai.	17th March 2017
3.	Web Based Application for GIS	National Level Technical Conference at Mohamed Sathak Engineering College, Ramanathapuram.	03rd April 2011

Inplant / Internship

Sl. No	Institution	Area	Course Detail	Period
1.	Vee Eee Technologies Solution Pvt. Ltd., Chennai.	SOFTWARE	Inplant Training	July 2011

Faculty Development Program Attended

Sl. No	Title	Institution	Date
1.	CS3352 - Foundations of Data Science	Anna University, Regional Campus, Tirunelveli.	21st August to 26th August 2023
2.	Full Stack Development	Kamaraj College of Engineering and Technology	11th July to 15th July 2023
3.	Realizing the benefits of Academic Research	Sree Sakthi Engineering College, Coimbatore.	10th July to 15th July 2023
4.	Recent Trends in Immersive Technology	Government College of Technology, Coimbatore.	05th June to 17th June 2023
5.	Python Programming – A Practical Approach	E & ICT Academy, IIT Kanpur	26th December 2022
6.	BlockChain Technology - Applications, Issues and Challenges	Sri Venkateswara College Of Engineering And Technology (Autonomous), R.V.S Nagar, Chittoor.	18th April to 22nd April 2022

Industry Know How Attended

Sl. No	Title	Institution	Date
1.	Industrial Oriented Course on Oracle Technologies	Oracle APEX	June 2023 to September 2023
2.	Designing and Modelling of IoT, AI & ML Systems	AICTE, ATAL Academy, Arm Education and STMicroelectronics	01st August 2022 to 05th August 2022

Workshops / Webinars Attended

Sl. No	Title	Institution	Date
1.	Wealth Creation Through Financial Planning	Swami Institute of Pharmacy Abhona, Maharashtra and Association of Mutual Funds in India (AMFI)	8th February 2024
2.	Financial Empowerment through Wealth Creation	Mahatma Budha Lok Kalyan Evam Gramya Vikas Sansthan Nighasan Lakhimpur Kheri, UP and Association of Mutual Funds in India (AMFI)	5th February 2024
3.	Financial Empowerment through Wealth Creation	Ataur Rahman College of Education, Udmari, Kalgachia and Association of Mutual Funds in India (AMFI)	2nd February 2024
4.	Financial Empowerment and Career Opportunities in Securities Market	Government Engineering College, Palanpur, Gujarat and Association of Mutual Funds in India (AMFI)	31st January 2024
5.	Financial Empowerment through Wealth Creation	MRS AVN College Polytechnic, Poorna Market, Visakhapatnam, Andhra Pradesh and Association of Mutual Funds in India (AMFI)	30th January 2024
6.	Mutual Fund - A Tool for Financial Empowerment	DR.S & S.S Ghandhy Government Engineering College, Surat, Gujarat in collaboration with Association of Mutual Funds in India (AMFI)	29th January 2024
7.	VLSI to System Design: Silicon to End Application Approach	AICTE, ATAL Academy, Arm Education and STMicroelectronics	31st July 2023 to 04th August 2023
8.	Antenna Design for Wireless Applications	National Workshop at Kalasalingam University, Virudhunagar	31st March 2017
9.	Science and Technology Capacity Building for Industrial Needs	Sponsored by Tamilnadu State Council for Science and Technology, Chennai and Organized by PSN College of Engineering and Technology, Tirunelveli.	02nd January 2012 to 06th January 2012

| 10. | Recent Research Trends in Networks and Web Applications | National Level Workshop in SUN College of Engineering and Technology, Erachakulam. | 19th August 2011 |

Seminars Attended

Sl. No	Title	Institution	Date
1.	Sustainable Development Food & Nutritional Security for Zero Hunger	Excel Engineering College, Komarapalayam	23rd September 2023
2.	First Aid in the Digital World	Excel Engineering College, Komarapalayam	9th September 2023
3.	Knowledge Engineering and Knowledge Based Systems	National Level Seminar in Kalasalingam University, Krishnankoil.	17th February 2012

Symposium Attended

Sl. No	Title	Institution	Date
1.	Improving the security of mobile access to remote personal computers	National Level Technical Symposium at National College of Engineering, Tirunelveli.	11th October 2011
2.	Security Issues in Biomedical Wireless Sensor Networks	National Level Technical Symposium at Marthandam College of Engineering & Technology, Nagercoil.	02nd & 03rd September 2011
3.	Web Based application for Real Time GIS	11th National Level Technical Symposium at Dr. Sivanthi Aditanar College of Engineering, Tiruchendur.	04th February 2011

Certifications

Sl. No	Title	Institution	Date
1.	Database Management System Part - 2	Infosys Springboard	27th June 2024
2.	Master the Fundamentals and Advanced Concepts - DBMS	Scaler Topics	12th May 2024
3.	Database Management System Part - 1	Infosys Springboard	10th August 2023
4.	Building Levels of VR	Infosys Springboard	9th August 2023
5.	Virtual Reality with Unity	Infosys Springboard	9th August 2023
6.	Python for Data Science, Sololearn course	Sololearn	18th June 2023
7.	Introduction to Augmented Reality and ARCore, Coursera	Coursera	02nd May 2023
8.	Stochastic Approximation Algorithms – IARCS sponsored Instructional Course	National Engineering College, Kovilpatti.	27th & 28th April 2023
9.	Introduction to Python, Sololearn course	Sololearn	07th January 2023
10.	Design Thinking Process - Short Term Course	NewGen IDEC, National Engineering College, Kovilpatti.	July 2022
11.	Object Oriented Programming using C++	Teknoturf Info Services Pvt.Ltd.,	24th June 2009 to 15th October 2009

Events Organized

Sl. No	Title	Duration of the Event	No. of Participants	Venue
1.	Conducted a **Value Added Course** on "Innovation in AR/VR using Unity" for III Year CSE students of NEC.	February 2024 to March 2024	13	NEC, Kovilpatti
2.	Coordinator of "**Industrial Oriented Course** on Oracle Technologies - SQL, PL/SQL & Oracle APEX" for III Year CSE students of NEC .	June 2023 to September 2023	58	NEC, Kovilpatti
3.	Co-coordinator of two days **Instructional Course** on "Stochastic Approximation Algorithms" financially and technically sponsored by Indian Association for Research in Computing Science (IARCS), Bangalore.	27th April 2023 and 28th April 2023	30	NEC, Kovilpatti
4.	Conducted a **Value Added Course** on "Exploring Virtual Reality for Beginners" for II Year EEE, CSE and ECE students of NEC.	January 2023 to April 2023	16	NEC, Kovilpatti

Expert Lecture Delivered

Sl. No	Title	Venue	Date
1.	Conducted a "Placement Training session - DBMS" for Final Year students of Civil, organized by the Department of Civil.	Civil, NEC, Kovilpatti	21st & 22nd June 2024
2.	Delivered a lecture on the topic "Foundations of Data Science" organized by the Department of CSE.	CSE, NEC, Kovilpatti	16th March 2024
3.	Delivered a lecture for the Technical Workshop titled "Augmented Reality and Virtual Reality" at Inter college Technical Symposium CompoNEC'23, organized by CSE Association, Department of CSE.	CSE, NEC, Kovilpatti	23rd March 2023

Courses Taught

Sl. No.	Name of the course	UG/PG
1.	Object Oriented Programming -EEE (19EE55C) (1)	UG
2.	Object Oriented Programming-CSE (19CS34C) (2)	UG
3.	Database Management Systems-CSE (19CS44C) (2)	UG
4.	Augmented Reality and Virtual Reality-CSE (19CS34E) (1)	UG
5.	Python for Data Science-CSE (19CS04L) (1)	UG
6.	Machine Learning-EEE (19CS17E) (1)	UG
7.	Data Science-CSE (19CS03E) (1)	UG
8.	Foundations of Object Oriented Programming-Civil (23CS02N) (1)	UG
9.	Problem Solving Techniques-ECE (23CS11C) (1)	UG

Specific Achievements if any

Sl. No	Title	Grade	Duration
1.	NPTEL Course - Design Thinking - A Primer (12 week course)	Elite	July - August 2023
2.	NPTEL Course - Introduction to Internet of Things (12 week course)	Elite + Silver	January – April 2023

- Appreciated by Dr. Gugan Thoppe (AP/CSA, IISc), Resource Person for the Instructional course "Stochastic Approximation Algorithms" sponsored by IARCS for the write up about the course during March 2023.

Other Responsibilities - NEC
- Tutor (2021-2025 Batch – 20 Students)
- Theory and Algorithms Focus Group - Member
- Project Guide – UG Students
- NBA – Criteria 5 Member (Faculty Information and Contributions)
- NAAC – Criteria 3 Member (Research, Innovations and Extensions)
- Anna University Affiliation, Department News Letter, Department Target.
- Staff In-charge for Industrial Course on Oracle Technologies- III year CSE.

Membership in Professional bodies

Name of Society	Grade of Membership
International Association of Engineers (IAENG)	Member