



VET Institute of Arts and Science

(Co-Education College)

(An Institution Run by Vellalar Educational Trust)

(Affiliated to Bharathiar University)

Thindal, Erode – 638 012.

Department of Computer Science

Faculty Achievements

2023 – 2024

S.No.	Name of the faculty	Details of the achievement	Date
1	Dr. Karthika D Associate Professor & Head	Published a paper on International Journal “Hybrid dual-channel convolution neural network (DCCNN) with spider monkey optimization (SMO) for cyber security threats detection in internet of things, (Publisher: Elsevier).	June 2023
		Participated in the JavaFest’23, A one-day National Level Conference organized by the Department of Computer Science, Christ (Deemed to be University) in Association with Bangalore Java User Groups	15 July 2023
		Published a paper on “BioInspired gray Wolf Optimization for Energy harvesting in pure electric vehicles” in the International Conference on Computational Sciences and Applied Mathematics held on VET Institute of Arts and Science	21 July 2023
		Submitted a proposal on “Precision Agriculture – Early Detection of Diseases in Crop species and Irrigation” for MSME Idea hackathon 3.0(Women).	10 August 2023
		Participated in a Faculty Development Programme on “Creative Thinking” in association with ICT Academy	16 August 2023 to 18 August 2023
		Participated in the UGC sponsored two weeks Refresher course on “Machine Learning and Data Science” Organized by UGC-HRDC, Jawaharlal Nehru Technological University, Hyderabad, Telengana.	11 September 2023 to 25 September 2023

		Participated in one day National level Seminar on “Exploring the Art of Mastering Data with MongoDB: Achieving Data Excellence”	29 September 2023
		Participated and won 3rd prize in Chess and Badminton in 4th State Level Intercollegiate Sports Competition for College Teacher “Gurushetra’23” organized by Rathinam College of Arts and Science, Coimbatore	21 October 2023
		Published a paper on “Elite Artificial Bee Colony Optimization-based Synergy Random Forest (EABC-SRF) for Addressing Ambiguity in Stock Tweets” in Journal of Theoretical and Applied Information Technology	15 November 2023
		Successfully completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme organized by University Grant Commission and UGC- Malaviya Mission Teacher Training Centre, Bharathidasan University, Tiruchirappalli, Tamil Nadu	4 January 2024 to 12 January 2024
		Successfully completed a course on “Foundations of Cybersecurity” an online non-credit course authorized by Google and offered through Coursera	16 January 2024
		Successfully completed a course on “Play It Safe: Manage Security Risks” an online non-credit course authorized by Google and offered through Coursera	28 January 2024

	Participated in 7 Days Online International Faculty Development Program on "Latest Trend and Techniques in Software Engineering: An Industry Perspective" organized by the Department of Computer Science, CHRIST (Deemed to be University), Bangalore	20 - 27 January 2024.
	Successfully published a book on PHP Programming with Haayan Publications, Bangalore, ISBN: 978-81-964242-7-5	February 2024
	Has acted as the resource person for the Faculty Development Program on "ICT tools for Teaching and Learning process" organized by Internal Quality Assurance Cell, Dr. R.A.N.M Arts and Science College, Erode	27 February 2024
	Has participated in the two day workshop on InnovAItE Education, Exploring Role of Artificial Intelligence in Higher Education Learning for Educators in Higher Education organized by Centre for Artificial Intelligence, CHRIST (Deemed to be University), Bangalore in collaboration with Xavier Board of Higher Education in India (XBHEI), Bangalore	29 February 2024 to 1 March 2024
	Has published a paper on "A Novel Cyber Security Malware Detection Using Optimization Based Fine-Tuning Dual-Channel Convolutional Neural Network (DCCNN) With Spider Monkey Optimization (SMO) And Hierarchical Particle Swarm Optimization (HPSO)" in the journal Naturalista Campano	March 2024
	Has published a paper on "Enhanced Convolutional Neural Network for Accurate Crop Recommendation System on Climate Data" in the journal Naturalista Campano	March 2024

2	Dr. L. Sudha Associate Professor	Has published a paper on “Review on Different Energy Optimization Techniques in 5G/6G assisted IoT network” in the International Conference on Computational Sciences and Applied Mathematics held on VET Institute of Arts and Science	21 July 2023
		Has published a paper on “A Study of Deep learning for Sentiment Analysis in Social Networks” in the International Conference on Computational Sciences and Applied Mathematics held on VET Institute of Arts and Science	21 July 2023
		Has participated in one day National level Seminar on “Exploring the Art of Mastering Data with MongoDB: Achieving Data Excellence” organized by Gobi Arts and Science College (Autonomous), Gobichettipalayam.	29 September 2023
		Has participated in Two days Online International workshop on “AI – Assisted Scientific writing and Publications” organized by Scholars Gate – Research Training Institute, Tamil Nadu, India.	9 October 2023 to 10 October 2023
		Has successfully completed Swayam course on Android Mobile Application Development, 4 credit course offered by Dr. Himanshu N. Patel, Dr. Babasaheb Ambedkar Open University, Ahmedabad.	December 2023
		Has participated in two-day National Level Faculty Development Programme on “Pedagogy and AI Arenas for Outcome Based Education” jointly organized by Department of Physics and Zoology, Vellalar College for Women (Autonomous), Erode.	8 February 2024 & 9 February 2024

		Successfully published a book on PHP Programming with Haayan Publications,Bangalore, ISBN: 978-81-964242-7-5	February 2024
		Has published a paper on “Extreme gradient boosted multifactor node classification for attack detection in wireless IoT network” in the journal Advanced Engineering Science (ISSN:2096-3246)	March 2024
3	Mr. V. G. Panjatcharam Assistant Professor	Has published a book on “Machine learning Essentials: A Practical guide for beginners”. Book is published by Yazhli Global Multidisciplinary Research with ISBN Number: 978-81-962447-0-5	June 2024
		Has participated in one day National level Seminar on “Exploring the Art of Mastering Data with MongoDB: Achieving Data Excellence” organized by Gobi Arts and Science College (Autonomous), Gobichettipalayam.	29 September 2023
		Has published a paper on “Comparative Analysis of Technique for efficient resource utilization in cloud environments through VM placement optimization” in IEEE Xplore Digital Library	September 2023
		Has participated in the Faculty Development Programme on Data Analytics using Power BI offered by Naan Mudhalvan	10 January 2024 to 12 January 2024
4	Mr. P. Panneer Selvan Assistant Professor	Has participated in 5 day Faculty Development Program on “Microsoft Azure AI Engineer Associate” conducted by ICT Academy at Sona College of Technology (Autonomous)	20 June 2023 to 24 June 2023

		Has participated in one day National level Seminar on “Exploring the Art of Mastering Data with MongoDB: Achieving Data Excellence” organized by Gobi Arts and Science College (Autonomous), Gobichettipalayam.	29 September 2023
		Has published a paper on “Lung nodule & IPMN characterization using gist features based on modified SVM” in the International Research Journal of Multidisciplinary Science & Technology (IRJMRS)	September 2023
		Has participated in one day Workshop on Advanced Java Programming organized by Marcello Tech	29 October 2023
		Has participated in the Regional Meet organized by Institutions’ Innovation Council at Nehru Institute of Technology, Coimbatore	4 December 2023
		Has participated in the 5 days Faculty Development programme on Oracle Cloud Architecture offered by Naan Mudhalvan, Bharathiar University	22 January 2024 to 30 January 2024
		Published and presented Book chapter “ Data Analysis using Fuzzy Associative Classifier” published in Book chapter “Machine learning: Concepts, Algorithms and Applications in Real World. ISBN No:” 978-93-920459-4-3, Edition - 1	April 2024