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Dr. S.Visnu Dharsini is a Assistant Professor at SRM Institute of Science and Technology, Ramapuram Campus, she is having more than 12 years of academic experience. She has completed, Ph.D in Computer Science and Engineering in SRM University and M.Tech in Adhiparasakthi Engineering College, Melmaruvathur, B.E-CSE in Dhanalakshmi Engineering College in Perambalur, Anna Universitys. She published more than 12 research papers published in SCI, Scopus and UGC Care Journals. She has already published 2 books Chapters in the Computer Science domain. She has organised and participated as a core member in numerous international and national Guest Lectue, FDP's and National and International Conferences. She has two patents. She is the active member for ISTE and IAENG Association.

Area of Research:

Machine Learning, Deep Learning , Cloud Computing

Selected Publications:

Journals

Visnu Dharsini, S. and Babu, S., “Advanced agronomics model with species classification, minimum support price prediction, and profit suggestion using enhanced deep learning strategy”, Knowledge and Information Systems, Vol. 65, pp.1243–1285, 2023. <https://doi.org/10.1007/s10115-022-01787-1> [SNIP 1.5].

Visnu Dharsini, S. and Babu, S., “Profit Suggestion Technique in Agronomics Using a New Heuristic-Based Barnacle Mating Honey Badger Algorithm I-MHBA”, Cybernetics and Systems, 2022, <https://doi.org/10.1080/01969722.2022.2157612> [SNIP 2.423].

“Enhancing Security in Wireless Ad-Hoc Network Using ZKP” in International Journal of Innovative Research in Computer and Communication Engineering Vol.2, Issue 1 (March 2014), ISSN No: 2320-9801

”Secure Content Contribution and Orevetion in Social Media” in International Journal of Digital Communication and Networks vol.5,issue4,May 2017. ISSN.No:2349-9850.

“Famer Companian- Andoir Agriculture Robot Based on IOT”inInternational Journal of Pure and Applied Mathematics” Vol.119 , Issue 1 (March 2018), ISSN No:1314-3395

Intelligent Speed Control in Motor Bikes for Accident Prevention Uisng Internet of Things” in International Journal of Computational and TheoriticalNanosciencevol 16.May 2019. DOI: 10.1166/jctn.2019.8408

”Smart Vehicle Automation Using Internet Of Things” in International Journal of Computational and TheoriticalNanosciencevol 16.May 2019. DOI: 10.1166/jctn.2019.8410

”Smart Bicycle Rental System Using Raspberry Pi Zero W” in International Journal of Computational and TheoriticalNanosciencevol 16.May 2019. DOI: 10.1166/jctn.2019.8419

” Music Recommendation System Based on Facial Emotion Recognition” in International Journal of Computational and TheoriticalNanosciencevol 16.May 2019. DOI: 10.1166/jctn.2019.8420

Conference Details

Visnu Dharsini, S. and Babu, S., “Prediction of Ground water level using machine learning,” Proc. International Conference on Technological Advancement in computer and communication. Melmaruvathur, 2021.

Visnu Dharsini, S. and Babu, S., “Extensive Support System and Knowledge Base for Improvised Geoponics Using Deep Learning”, (ICETETR-21) Emerging Trends In Engineering and Technology Research, Chennai, 2021.

Design an algorithm for lossless watermarking technique with security in International conference in Muthayammal college of enggin February2014.

“ ENHANCING SECURITY IN WIRELESS ADHOC NETWORK USING ZKP PROTOCOL in international conference organised by Jay shriram group of insitution march 2014.

Book Chapter

Visnu Dharsini, S. and Babu , S., “A Model to determine MSP and its Effects on Producer(s) Risk” Futuristic Trends in computing Technologies and Data Sciences, ISBN: 978-81-959356-3-5.,IIP Proceedings, Vol. 2, Book 18, Part 1, Chapter 1.

Patents: 2 patents published

Professional Bodies: ISTE, IAENG

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