Faculty Profile

Name :   Dr. Dinesh Sheoran
Designation :   Assistant Professor,
Qualifications :   Ph.D., M.Tech. (Digital Comm.), MBA, B.E. (Electronics)
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Area of Interest/Specialization: Speech recognition, Artificial Intelligence, Renewable energy resources, Digital Communication, Microprocessors and Microcontrollers.

Experience :   21 years

Publications/Paper/Journal

1. *An Overview of Speech Processing Techniques, Vol-3(3), pp 115-118, Name of Journal (AEECE), 2013.*
2. *Text-Independent Speaker Identification using Soft-computing Techniques, Vol-3(3), pp 92-95, Name of Journal (IJCSIA), 2013.*
3. *Voice Stress Analysis using Linear Predictive Coding in MATLAB, Vol 4(7), pp 210-213, Name of Journal (IJETER), 2016.*
4. *Spectral Feature Extraction Techniques for Speech Recognition, Vol-4(6), pp. 33-38, Name of Journal (IJMRD), 2017.*
5. *Speech Recognition using Wavelet packet based Feature Extraction Techniques, Vol-9(2), pp. 23-27, Name of Journal (GJEIS), 2017.*
6. *Algorithm Visualizer using Conditional Rendering Vol 8(2019-20), pp 68-71, Name of Journal (Satyam), 2019.*
7. *Universal asynchronous receiver transmitter Vol 4, Issue (2), pp36-38, Name of Journal (IJAET), 2020.*
8. *Evaluating the Uncertainty of Classification due to Image Resizing Techniques for Satellite Image Classification JMSI-D-21-00051R1, Name of Journal (MAPAN), 2021.*
9. *Popularity Prediction of Social Media Post Using Tensor Factorization, DOI:10.32604/iasc.2023.030708 Name of Journal (IASC) 2022.*
10. *A review of effects of electro-magnetic radiation on human reproduction system Vol-XXII, NO-1, 2022, Name of Journal (SIJSS), 2022.*
11. *Encouraging Youth Towards Agriculture for Sustainable Develoment of India Vol-xxii, No.-2, 2022, Name of Journal (SIJSS), 2022.*
12. *Evaluating The Contribution Made by Multilevel Cognitive And Machine Learning Vol.13, No.1,Winter-Spring, Name of Journal (RM), 2023.*
13. *Comprehensive Techniques for Intelligent Transportation systems: Issues and Solutions Using Wireless Sensor Networks Vol. 97, No.2, Feb. 2023, Name of Journal (JASM), 2023.*

Conference

1. *Comparison of various Speech Recognition Techniques (Advances in Electronics, Electrical and Computer Science Engineering) International 2012.*
2. *Tunnelling FET'S, the Non-Conventional Transistor: Basics (ICIDSSD '22, Jamia Hamdard) 2022.*

Patent

1. *Patent- Reduce, Recycle and Reuse IOT intelligence waste management system No.3751081, Status Granted (2021)*

Awards and Recognitions

Received a letter of appreciation for academic achievement from President, SMES in 16 May 2016.

Patent/Copyright

Reduce, Recycle and reuse (RRR) IOT Intelligence Waste Management System, grated in 2021.