

Faculty Profile

Name : Dr. Dinesh Sheoran
Designation : Assistant Professor,
Qualifications : Ph.D., M.Tech. (Digital Comm.), MBA, B.E. (Electronics)
Phone : 9911194636
Email : dineshsheoran@msit.in
Area of Interest/Specialization: Speech recognition, Artificial Intelligence, Renewable energy resources, Digital Communication, Microprocessors and Microcontrollers.

Experience : 21 years

Key Publications/Conferences

- 1) Dinesh Kumar, "Comparison of various speech recognition Techniques", International Conference on "Advances in Electronics, Electrical and Computer Science Engineering" organized by UACEE at Dehradun, Uttarakhand on 7-9th July, 2012.
- 2) Dinesh Sheoran, Pardeep Sangwan, Sushil Kumar, "An Overview of Speech Processing Techniques", *International Journal of Advances in Computer Science and its Applications*, Vol-3(3), pp. 115-118, 2013.
- 3) Pardeep Sangwan, Dinesh Sheoran, "Text-Independent Speaker Identification Using Soft-Computing Techniques", *International Journal of Advances in Computer Science and its Applications*, Vol-3 (3), pp. 92-95, 2013.
- 4) Dinesh Kumar, Upasana Sharma, Sweta Solanki, "Voice Stress Analysis using Linear Predictive Coding in MATLAB", *International Journal of Emerging Technologies in Engineering Research (IJETER)*, Volume 4, Issue 7, pp. 210-213, 2016.
- 5) Dinesh Sheoran, Pardeep Sangwan, Manoj Khanna, "Speech Recognition using Spectral Feature Extraction Techniques", *International Journal of Research in Advanced Engineering and Technology*, Volume-3, Issue-1, Jan, 2017.
- 6) Pardeep Sangwan, Dinesh Sheoran, "Speech Recognition using Wavelet and Wavelet Packet based Feature Extraction Techniques", *International Journal of Research in Advanced Engineering and Technology*, Volume 3, Issue-1, Mar, 2017.
- 7) Pardeep Sangwan, Dinesh Sheoran, "Techniques for Voice Recognition" RIP, ISBN: 978-93-89116-17-5
- 8) Dinesh Sheoran, Pardeep Sangwan, "Local Exchange Network with Optical Burst Switching" RIP, ISBN: 978-93-89116-18-2.
- 9) Dinesh Sheoran, "Industrial Engineering and Trade Unions" RIP, ISBN: 978-93-89116-21-2.
- 10) Dinesh Sheoran, "Quality management and Techniques" RIP, ISBN: 978-93-89116-23-6.

Awards and Recognitions

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

Patent/Copyright

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