




K. S. INSTITUTE OF TECHNOLOGY

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Faculty Name	DINESH KUMAR D S	 <p style="text-align: center;">PHOTO</p>
Designation	ASSOCIATE PROFESSOR	
Educational Qualification	BE, M-tech (Ph.D)	
Experience in Years	Teaching:17 Industry :nil	
Areas of Interest	Image and Speech Processing, Microwave and Antennas, Optical Fiber Communication, Computer Networks, Signal Processing	
Aadhar Number	XXXXXXXX5795	
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Educational Details

Examination/ Degree	College / University	Year of Passing
UG	PESCE Mandya / Mysore University	2001
PG	SJCIT, Chikkaballapur / VTU	2007
PhD	Persuing (Thesis submitted)	

Publications

Journal Publications:

1.Dinesh Kumar D S , Manjunath B S, “*Design and Implementation of Continuous Speech Recognition using HMM and GMM on FPGA*”, International Journal of Latest Trends in Engineering, Science and Technology (IJLTEST),Volume 1, Issue 5, ISSN: 2055-530X(May-June 2014).

2. Dinesh Kumar D S , “*VLSI IMPLEMENTATION FOR ROBUST FACE RECOGNITION AGAINST VARYING LIGHTING CONDITIONS USING PCA CLASSIFIERS*”, International Journal for Technological Research in Engineering (IJTRE) Volume 2, Issue 9, May - 2015.

3. Dinesh Kumar D S, 'MULTI-STREAM RECOGNITION OF SPEECH USING PARALLEL PROCESSING APPROACH & ANN (ARTIFICIAL NEURAL NETWORKS)', International Journal for Technological Research in Engineering (IJTRE) Volume 2, Issue 9, May-201.

4. Dinesh Kumar D S, Dr P V Rao, "Person identification using combined Face and Speech for the reduction of FAR and FRR", I J C T A, 10(9), 2017, pp. 891-898, ISSN: 0974-5572.

5. Dinesh Kumar D S, Dr P V Rao, "Prediction based person recognition using face and speech (multi modal) for improved performance", International Journal of Engineering & Technology, 7 (2.33) (2018) 145-150.

6. Dinesh Kumar D S, Dr P V Rao, "Implementing and Analysing FAR and FRR for face and voice recognition (multimodal) using KNN classifier", International Journal of Intelligent Unmanned Systems© Emerald Publishing Limited, 2049-6427, DOI 10.1108/IJIUS-02-2019-0015.

7. Dinesh kumar D S, varsha p, varshrani sah, "pipe spy: A Leakage Detection and Correction Robot", journal of applied science and computations (JASC), volume 7, issue 4, April 2020.

Conference Papers :

1. Dinesh kumar D S ,Dr P V Rao, "Analysis and Design of Principal Component Analysis and Hidden Markov Model for face recognition'' in 2nd International Conference on Nanomaterials and Technologies (CNT 2014) held at Vardhaman College of Engineering, Hyderabad.

2. Dinesh kumar D S, "Dual rate Speech Codec for Multimedia Communication" at national conference organized by M.S Engg College, Bengaluru

3. Dinesh kumar D S, "3G ultra FDD System Using Channel Filter" held at SJCIT, Chikballapur.

Awards

Professional Membership

1. The Society of Digital Information and Wireless Communications (SDIWC)
2. International Association of Engineers(IAE)

Contact Details

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