




**Kammavari Sangham (R) 1952, K. S. Group of Institutions**  
**K. S. SCHOOL OF ENGINEERING & MANAGEMENT**  
 No.15, Mallasandra, Off. Kanakapura Road, Bengaluru-560109  
 Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, **Accredited by NAAC**

<b>Faculty Name</b>	<b>Deepak M D</b>	
<b>Designation</b>	<b>Asst. Professor</b>	
<b>Educational Qualification</b>	<b>BE, M. Tech, (PhD)</b>	
<b>Experience in Years</b>	<b>Teaching: 12 years Industry: --</b>	
<b>Areas of Interest</b>	<b>Image processing, Machine learning, Big data, AI</b>	
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### EDUCATIONAL DETAILS:-

Examination / Degree	College/University	Year of Passing
BE	VTU	2008
M. Tech	Davangere University	2011

### PUBLICATIONS:-

#### Journal Publications:

- Comparison of different sparse dictionaries for compressive sampling Deepak M Devendrappa, P Karthik, Deepak N Ananth, A Kumar. Bulletin of Electrical Engineering & Informatics 11(5), 2611-2620, 2022.
- Published a paper Sparse and Incomplete Signal Dictionaries for Reconstruction of MR Images at International journal of Electronics and Computer Engineering Systems, Osijek, Croatia 2022 (Web of science).
- Published paper Springer Nature Singapore 2021, in Comparative Study of Feature Extraction Using Different Transform Techniques in Frequency Domain\* in Advances in Automation, Signal Processing, Instrumentation, and Control, Lecture Notes in Electrical Engineering MD Deepak, P Karthik, SS Kumar, NA Deepak - V. Komanapalli et al. (eds.), Vol. 700, 2021.
- Published a paper “Reconstruction of MR Images using Sparse Signal Sequences in Frequency Domain” at International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278–3075 (Online), Volume-9 Issue-3, January 2020, Page 895-902 published by Blue Eyes Intelligence Engineering and Sciences Publication.
- Published a paper” Compressed Sensing Magnetic Resonance Imaging –A Review” at the International Journal of Pure and Applied Mathematics, Volume 119, No. 14, pp. 7-11, ISSN: 1314-3395, 2018.
- Published a paper “Accelerating MRI with Compressed sensing at International Journal of Research in Electronics and Computer Engineering (IJRECE) VOL. 7 ISSUE 2 (APRIL-JUNE 2019) ISSN: 2348-2281.

#### Conference Papers:

- Presented a paper on “image enhancement based on Multi-Scale Retinex technique using different Surround Functions” at International Conference ICDECS – 2011 conducted by RNSIT, Bangalore

## **Professional Membership**

➤ MISTE LM 94802.

## **CONTACT DETAILS:-**

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