



K. S. INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Road, Bangalore-560109.

Faculty Name	Dr. B Sudarshan	
Designation	Professor	
Educational Qualification	PhD	
Experience in Years	Teaching: 14 years Industry : 11 years	
Areas of Interest	Image processing, Neural Networks	
E-mail	Sudarshan.bellary@gmail.com	

Educational Details

Examination/ Degree	College / University	Year of Passing
UG	Gulbarga University	1991
PG	Mysore University	1995
PhD	Jain University	2017

Publications

Journal Publications:

1. B.Sudarshan, R Manjunatha, "Multi-resolution architecture of graded memory", " IEEE Explorer", 2016, ISBN 978-1-4673-9563-2
2. B. Sudarshan, R Manjunatha, "Analysis of Image Storage and Retrieval in Graded Memory", International Journal of Research in Engineering and Technology, ISSN: 2321-7308, Vol. 4, Issue 4, April 2015, pp. 779-884.
3. B. Sudarshan, R Manjunatha, " Image Storage and Retrieval in Graded Memory", International Journal of Advances in Engineering & Technology, ISSN: 2321-1963, Volume 8 Issue 1, Feb. 2015, pp. 2123-2128.
4. B. Sudarshan, R Manjunatha, "Survey on Static Image Storage and Retrieval Mechanisms", International Journal of Engineering Research and Technology, ISSN:2278-0181, Vol. 4 - Issue 01, Jan. 2015, pp. 173-179.
5. B Sudarshan, Jayashree Kavya V, Sanjana K S, Navitha T, Nishchitha N, "Power theft Detection in Agriculture and Field Protection-A Literature Survey", IJLEMR, ISSN: 2455-4847, Vol. 3, Issue 3, March 2018, pp. 01-11.
6. B Sudarshan, Akshaya R K, Mohan Reddy B, Srinivasa, Ramya L K, "High protection Voice Identification based Bank Locker Security System with Live image Authentication-A Literature Survey", IJCRT, ISSN: 2320-2882, Vol. 6, Issue 2, April 2018, pp. 1147-1159.
7. B Sudarshan, Jayashree Kavya V, Sanjana K S, Navitha T, Nishchitha N, "Power theft detection in agriculture and field protection", IJCRT, ISSN: 2320-2882, Vol. 06, Issue 02, April 2018, pp. 67-72.

8. B Sudarshan, Akshaya R K, Mohan Reddy B, Srinivasa, Ramya L K, "High protection Voice Identification based Bank Locker Security System with Live image Authentication", IJRASET, ISSN: 2321-9653, Vol. 6, Issue 6, June 2018, pp. 401-406.
9. B Sudarshan, Pavan S Patil, Santhoshkumar V, Udaykumar V, Vishwas K K, "Survey on Object Recognition Techniques using Machine Learning", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 4, page no.247-250, April-2019,
10. B Sudarshan, Sannidhi R Shetty, Shankar Ram, Shreyaswini C K, Shwetha Shree C, "Hand Gesture Recognition and Voice Conversion for Physically Impaired People", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 4, page no.562-565, April-2019
11. B Sudarshan, Pavan S Patil, Santhoshkumar V, Udaykumar V, Vishwas K K, "**Visual Object Recognition using Tensorflow**", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 6, page no.369-372, June-2019,

Conference Papers :

1. B.Sudarshan, Manjunatha R, "Multi-resolution architecture of graded memory", International Conference on Emerging Research in Electronics, Computer science and Technology (ICERECT-2015), PES, Mandya, 2015.
2. B Sudarshan, " Novel approach for content organization and retrieval in graded memory", Proceedings of International Conference on VLSI and Signal processing (ICVSP-2012), May 2012, ISBN-81-7286-723-9, pp. 246-248.
3. B Sudarshan, et al., "Short Range Inter-vehicle Communication Sharing information and Vehicle Experience", National conference on recent trends in Electronics and Communication-2016 (NCRTEC-2016), Bangalore, India.
4. B Sudarshan et al., "Smart Gadget for Two Wheelers", NCRTAEEE-2017, Bangalore, India.
5. B Sudarshan et al., "Design of Efficient Filter System for Accurate Extraction and Labelling of a Fetal ECG", NCRTAEEE-2017, Bangalore, India.

Awards

NA

Professional Membership

1. IEEE- 92858412

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