




K. S. INSTITUTE OF TECHNOLOGY

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

Faculty Name	DILEEP J	
Designation	Asst. Professor	
Educational Qualification	M.Tech (Ph.D)	
Experience in Years	Teaching: 6.3 Years Industry :	
Areas of Interest	Image Processing and Machine Learning	
E-mail	dileepj@ksit.edu.in	

Educational Details

Examination/ Degree	College / University	Year of Passing
UG	SJBIT, Bengaluru / VTU	2013
PG	PESIT, Bengaluru / VTU	2015
PhD	AMC Engineering College / VTU	Pursuing

Publications

PATENTS:

1. Published Patent titled “**Effective Instructors Feedback system for Education System and methods thereof**” in the Indian patent Journal with Application number 202041034055 dated 21/8/2020
2. Published Patent titled “**CUSTOMIZED PLACEMENT TRAINING ASSISTANCE FOR STUDENTS USING ARTIFICIAL INTELLIGENCE**” in the Indian patent Journal with Application number 202041042414 dated 09/10/2020
3. Published Patent titled “**SMART HELMET WITH BIKE SYSTEM FOR SAFETY TRANSPORTATION**” in the Indian patent Journal with Application number 202141024734 dated 11/6/2021, Waiting for Grants.
4. Published Patent titled “**An Electronic Voting Machine**” in the Indian patent Journal with Application number 202141041370 dated 14/9/2021, Waiting for Grants.

Journal Publications:

1. Published a paper titled "COMPARATIVE STUDY OF PERSON IDENTIFICATION TECHNIQUES USING MACHINE LEARNING ALGORITHM" in UGC Approved Scopus Indexed international journal called Journal of Huazhong University of Science and Technology, ISSN-1671-4512, VOLUME 50 ISSUE 05 – 2021.
2. Published a paper titled “Smart Waste Segregation using Arduino Uno”, International Advanced Research Journal in Science, Engineering and Technology, Impact Factor-6.612, Volume 8, Issue 8, ISSN No. 2393-8021, August 2021.
3. Published a paper titled “Implementation of VHDL/FPGA to Realize Fingerprint Verification with Optimal Computation”, International Journal of All Research Education & Scientific Methods, (IJARESM), ISSN No: 2455-6211”, Impact Factor : 7.429, Volume 9, Issue 7, July 2021.
4. Published a paper titled “Automatic Water Planting system using ARDUINO”, International Research Journal of Engineering and Technology, Impact Factor-7.529, Volume 7, Issue 7, July 2020.
5. Published a paper titled “Motion Activated Recording Camera for Strong Room”, International Research Journal of Engineering and Technology, Impact Factor-7.529, Volume 7, Issue 5, May 2020.

Conference Papers :

1. Presented a paper on “Analysis of Principal Component Features in Face Recognition System using Neural Networks”, ICISTSI’15, Proceedings of International Conference on “Information Science & Technology for Sustainability & Innovation”, DOI: 10.3850/978-981-09-4426-1_027
2. Presented a paper on “Smart Portable Streamer”, NCTICC, 10th – 12th May 2017, ISBN: 978-81-929425-3-7, Page: 78 – 81.
3. Presented a paper on “A Comparative Study Of Ingenious Helmet With Bike System”, 34th CSI Karnataka Convention: ISBN: 978-81-929425-1-3, 22nd & 23rd December 2020.

Awards

1. Got **Third Place for my Paper Presentation** titled “Person Identification using Deep Neural Network” in National Level Seminar on “Innovations in Science and Engineering”, held at Sir. MVIT from 25th to 28th February 2019.
2. For 6 Subjects, got 100% university exam results
3. **University level 3rd Rank in M.Tech 3rd Sem VTU Examinations, DEC 2014**
4. University level 7th Rank in M.Tech 1st Sem VTU Examinations, DEC 2013

Professional Membership

1. **ISTE : LM 112304**
2. **IAENG:** International Association of Engineers: **Membership ID:** 293898

Contact Details

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