




## K. S. INSTITUTE OF TECHNOLOGY

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

<b>Faculty Name</b>	VISHALINI DIVAKAR	
<b>Designation</b>	ASST. PROFESSOR	
<b>Educational Qualification</b>	B.E., MSc. (Engg.) by Research	
<b>Experience in Years</b>	23	
<b>Areas of Interest</b>	Power System	
<b>E-mail</b>	vishalinidivakar@ksit.edu.in	

### Educational Details

Examination/ Degree	College / University	Year of Passing
B.E.(EEE)	Malnad College of Engg.,Hassan- Mysore University	1989
MSc. (Engg.) by Research	VTU	2010

### Publications

#### Journal Publications:

1. "A survey on Methods of evaluation of Reliability of Distribution Systems with Distributed Generation", International Journal IJERT(ISSN:2278-0181), Vol. 5, Issue No.8, August 2016.
2. "RFID based prepaid Energy meter" International Journal JETIR(ISSN-2349-5162), Vol.6, Issue 5, Page No.557 -560, May 2019.
3. "A survey on RFID based prepaid Energy meter and home automation", International Journal IJRASET (ISSN: 2321-9653), Vol.7, Issue 4, PageNo.614 -617, April 2019.
4. "A survey on security device for women and kids safety ", International Journal JETIR (ISSN: 2341-5162), Vol.6, Issue 5, Page No.88 -93.-2019.
5. "A Literature Review on IOT Based Plant disease detection", International Journal IJRASET (ISSN: 2321-9653), Vol.7, Issue 4, PageNo.614 -617, April 2019.
6. "A review on alcohol and drowsiness detection for a four-wheeler", International Journal IJRASET (ISSN: 2321-9653), Vol.7, Issue 4, PageNo.614 -617, April 2019.
- 7." Commuting Aid for Visually Impaired People",International Research Journal of Engineering and Technology, Vol.07, No. 08, pp: 1231 -1234, , e-ISSN: 2395-0056, May 2020.

8. "Operation Theatre Automation and control (OTAC)", International Research Journal of Engineering and Technology, Vol.07, No: 08, pp: 1244 - 1250, e-ISSN: 2395-0056, 7.529, ISO 9001: 2008 Certified Journal- May 2020
9. "A Review on Automatic sanitizer dispensing machine", International Advanced Research Journal in Science, Engineering and Technology, Vol 08, No:06, pp: 938-939, ISSN: 2393-8021, June 2021
10. "A Review on Alcohol and Drowsiness detection for a four-wheeler", Journal of Applied Science and Computations", Vol 08, No:05, pp :151-155, ISSN: 0022-1945. May 2021.
11. "Literature Review on IOT Based Plant Disease Detection", International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, No 5, pp 405-406, ISSN 2393-8021- April 2021.
12. "IOT Based Plant Disease Detection", International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, No 7, pp: 289-292, ISSN: 2393-8021-May 2021.
- 13." Rain Detector with Alarm", International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 86-89, ISSN: 2393-8021, ay 2021.
- 14." Attendance System using face recognition and contactless thermal screening", International Journal IJRPR (ISSN 2582-7421), Vol.3, Issue 5, 2022, April 2022.
- 15." IOT based Covid band for health Monitoring", IJIRT, Volume 8, Issue 12,ISSN: 2349-6002- May 2022
16. "Petrol Bunk Automation and Security Using RFID", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, NO.: 5,pp.461-470,[ [ ISSN: 2393-8021]. MAY 2023, DOI: 10.17148/IARJSET.2023.10461
17. "OTP Based Smart Wireless locking System using Arduino", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,NO.: 6,pp. 551-555,[ ISSN: 2393-8021]. JUNE 2023- DOI: 10.17148/IARJSET.2023.10691
18. "A survey paper on voice controlled Elevator", Journal of Emerging Technology and Innovative Research, Vol.11, Issue 1, ISSN 2349-5162, January 2024.
19. a Review on solar powered lake cleaning Robot, Journal of Emerging Technology and Innovative Research, Vol.10, Issue 12, ISSN 2349-5162, December 2023.

#### **Conference Papers :**

- 1) "Rural Load Management System – An Efficient Demand Side Management Technique", at *National Conference CISCON*, held at MIT, Manipal during 9-10 Nov 2007.
- 2)"Rural Load Management System for Jalamangala feeder of Ramanagaram Substation in rural Bangalore – A Case Study" at *International Conference PSACO*, held at Andhra University College, VIZAG, during 13-15 March,2008.
- 3)"Demand Side Management in Rural Karnataka - A Case study" at *National Conference NCATEE*, held at SJBIT, Bangalore, on 26 March,2008.
- 4) "A Smart Bag: An Innovative Approach for Students", at National Conference NCRTAEEE( ISBN:978-81-929425-0-6), held at KSIT, Bangalore, from 10<sup>th</sup> -12<sup>th</sup> May 2017.
- 5) "IOT based Covid band for health Monitoring" National Conference on Recent Innovations in Engineering-2022.
- 6) "Attendance System using face recognition and contactless thermal screening" in National Conference on Recent Innovations in Engineering-2022.

**Patents Filed : NIL**

<b>Awards</b>
NIL
<b>Professional Membership</b>
ISTE
<b>Contact Details</b>
AP, Dept. of ECE, KS Instistute of Technology, Kanakapura Road, Raghuvana Halli, Bangalore

