




# K. S. INSTITUTE OF TECHNOLOGY

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

<b>Faculty Name</b>	Dr. Vaneeta M	
<b>Designation</b>	Associate Professor	
<b>Educational Qualification</b>	Ph.D	
<b>Experience in Years</b>	19.8 Yrs	
<b>Areas of Interest</b>	Information security, Cryptography,	
<b>E-mail</b>	vaneetam@ksit.edu.in	

Educational Details		
Examination/ Degree	College / University	Year of Passing
Ph. D	Visvesvaraya Technological University, Belagavi, KSIT as Research Center	2021
M.E	Jayam College of Engineering and Technology, Dharmapuri, Affiliated to Anna University, Chennai, Tamil Nadu	2009
B.E	Jawaharlal Nehru Engineering, Aurangabad, Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	1999

## Publications

### Journal Publications:

1. "Efficient Two-Layer Image Protection with Wavelet Transform Compression", Book Title: Innovative Data Communication Technologies and Applications, Springer Nature Singapore, [Lecture Notes on Data Engineering and Communications Technologies](#) book series (LNDECT, volume 59), Chapter 37, PP-433-448, PRINT ISBN: 978-981-15-9650-6, Online ISBN: 978-981-15-9651-3, Feb 2021, No of Citations 3
2. "Efficient Intrusion detection of malicious node using Bayesian Hybrid Detection in MANET" IOP Conference Series: Material Science and Engineering, Online ISSN: 1757-899X, 2021 Print ISSN: 1757-8981, doi:10.1088/1757-899X/1022/1/012077
3. "Detection Phishing Web sites using Machine Learning Techniques", in Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Vol-7, Issue-6, June 2020.
4. "Survey on Phishing Websites Detection", in Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Vol-7, Issue-2, Feb 2020.
5. "Multi-tier Framework for Optimizing pairwise Key Predistribution in Sensory Applications" in International Journal of Innovative Technology and Exploring Engineering, ISSN :2278-3075, Vol-9, Issue- 2 Dec 2019
6. "Speech Based Home Automation System with User Authentication" in Journal of Emerging Technologies and Innovative Research ISSN: 2349-5162, Vol 6, No. 5, PP 378-382,

May 2019.

7. "NPKG: Novel Pairwise Key Generation for Resisting Key-based threats in Wireless Sensor Networks" in International Journal of Network Security ISSN: 1816-353X Print Vol 21, No. 1, PP 122-129, Jan 2019
8. "Survey on Brain Tumor Detection and Classification", in International Journal for Research in Technological Studies, ISSN (online) 2348-1439, Vol 5, Issue- 5, April 2018, May 2018.
9. "Survey on Smart Home Automation", International Journal for Innovations in Engineering and Science, ISSN(Online): 2456-3463, Vol-3, No. 5, April 2018
10. "Exploratory Insights on Efficacy of Existing Key Management Techniques in Wireless Sensor Networks", International journal of computer network and wireless communication (IJCNCW) ISSN: 2250-3501, vol. 7, No. 5, Sep-oct 2017
11. "An Efficient Authentication System", Asian Journal of Science and Applied Technology, ISSN:2249-0698, Vol: 6, No. 1, Jan-June 2017, pp. 42-45.
12. "Hand Sign Communication system for hearing impaired", International Journal of Engineering Research and Technology, April 2015, page-425-430, ISSN:2278-0181

#### **Conference Papers:**

1. Renewable Energy Harvesting Inverter using Super Capacitor", 3<sup>rd</sup> International Conference on Computational Intelligence and Data Science (ICCIDS) in East West College of Engineering, Bangalore on 4<sup>th</sup> Feb 2021
2. "Efficient Two-Layer Image Protection with Wavelet Transform Compression", 2<sup>nd</sup> International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2020) in R.V.S College of Engineering & Technology, Coimbatore, Tamil Nadu, from September 3<sup>rd</sup> and 4<sup>th</sup> 2020.
3. "Hand Sign Communication system for hearing impaired", International conference on TIT-CON-2015 at AVS Engineering college, Salem on 10th and 11th April 2015.

#### **Awards**

"Outstanding Women in Engineering" by Venus International Women Awards - 2018 in the year 2018

#### **Professional Membership**

1. [INSTITUTION OF ENGINEERS OF INDIA \(IEI\)](#) Membership Number: M-1559936
2. [INDIAN SOCIETY FOR TECHNICAL EDUCATION \(ISTE\)](#)  
Membership Number: LM 91799
3. INTERNATIONAL ASSOCIATION FOR ENGINEERS (IAENG) Membership  
Number: 119094
4. COMPUTER SOCIETY OF INDIA Membership Number: F8000120

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