




AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai - 600 055.

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DEPARTMENT OF INFORMATION TECHNOLOGY

NAME & INITIALS	Dr.Venkatraman K	
DESIGNATION	Associate Professor	
EDUCATIONAL QUALIFICATION	B.TECH(CSE),M.TECH(CSE),Ph.D(CSE).	
EXPERIENCE	19.5	
DATE OF JOINING	08/06/2023	
EMAIL ID	kvrforu@gmail.com	
AREA OF SPECIALISATION	Cloud Computing,Robotic Process Automation,Ethical Hacking and Digital Forensics.	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
B.TECH	CSE	SRM Institute of Science and Technology	SRM	2006-2010
M.TECH	CSE	SRM Institute of Science and Technology	SRM	2011-2014
PHD	CSE	Anna University	ANNA university	2015 - 2020

EMINARS ATTENDED

1. Guest Lecture on "Hadoop in IT" in Sairam Engineering College, 14-Sep-2017
2. Guest Lecture on "Recent Trends in IT for Devops", Vit University Vellore 6-Nov-2022,
3. Delivered guest Lecture on Mobile Application Development for 3 days at SDNB Vaishnava College Government Aided, Chennai during April 2023.
4. Delivered guest Lecture on Recent Trends in Information Technology and Software Engineering at School of Computer Science and Engineering (SCOPE), VIT Vellore Campus Vellore - 632 014 during October 2022
5. Delivered guest Lecture on Recent Trends in Information Technology and Software Engineering at School of Computer Science and Engineering (SCOPE), VIT Vellore Chennai Campus during December 2022
6. Guest Lecture on "Hadoop in IT" in Sairam Engineering College, 14-Sep-2017

PUBLICATION DETAILS

1. **K.Venkatraman** et.al, and, "Sensor-Based Dead Reckoning for land vehicle navigation system," International Journal of Recent Trends in Engineering, vol. 2, no. 4, pp. 240-242, 2009.
2. **K.Venkatraman** et.al,;, "Accurate Location Estimation for a Dynamically Moving Object Using Modified Particle Filter Algorithm," Advanced Computer Control,2009. ICACC '09. International Conference on, vol., no., pp.301-305, 22-24 Jan. 2009.
3. **K.Venkatraman** et.al,;, "Location Estimation Using RSSI and Application of Extended Kalman Filter in Wireless Sensor Networks," Advanced Computer Control,2009. ICACC '09. International Conference on, vol., no., pp.337-341, 22-24 Jan. 2009.
4. **K.Venkatraman** et.al,;, "A Resource Management Mechanism for DownLinking in WiMax Networks," Advances in Computing, Control, & Telecommunication Technologies, 2009.ACT '09. International Conference on, vol., no., pp.803-805, 28-29 Dec. 2009.
5. **K.Venkatraman** et.al, "A hybrid method for improving GPS accuracy for land vehicle navigation system," in Emerging Trends in Robotics and Communication Technologies, (INTERACT), 2010 International Conference on, 2010, pp. 74-79. [Best Paper Award-First Price] at Sathyabama University

6. K.Venkatraman et.al , “Design of Zigbee enabled wireless pen using Surveillance camera for obstacle detection "International Science Congress, SRM Institute of Science and Technology (formerly known as SRM University), Jan 3-7, pp. 62-67. 2010
7. K.Venkatraman et.al , “A Secured software Architecture for providing Data Security in Cloud” International Journal of Intelligent Engineering and Systems, Vol. 6, Special Issue 3, November 2017
8. K.Venkatraman et.al , “A Systematic QoS Provisioning at MAC Layer for Designing & implementation of advanced Routing protocols on Cloud” International Journal of Intelligent Engineering and Systems, Vol. 6, Special Issue 3, November 2017
9. K.Venkatraman et.al , “Secured Multilevel Authentication System For Secured Financial Transactions” International Journal of Control Theory and Applications Vol. 5, Special Issue 2, November 2016
10. k.Venkatraman et.al , “Utility maximization using Enhanced QOS parameters on Cloud Storage” Advances in Natural and Applied Sciences . Vol. 6, Special Issue 3, November 2017
11. K.Venkatraman et.al , “Dynamic Virtual Cluster Cloud Security Using Hybrid Steganographic Image Authentication Algorithm” Automatika Taylor and Francis, Volume 60, 2019 - Issue 03
12. K.Venkatraman et.al , “A Secured software Architecture for providing Data Security in Cloud” Journal of Advanced Research in Dynamical & Control Systems , Volume 11, 2019 -Special Issue 08

CONFERENCE DETAILS

1. International Journal of Sensors, Wireless Communications and Control

2. Journal of Ambient Intelligence and Humanized Computing

3. Contributed as a keynote speaker for International Conference in Science, Technology, Engineering & Management 2023 (ICONSTEM 2023)

ACHIEVEMENT DETAILS

1. 2. Received **Best paper award** in, Emerging Trends in Robotics and Communication Technologies, (INTERACT), 2010 International Conference.

3. 4. Received **Associate of the Year** in, Cognizant Technology Solutions, 2015, 2016

5. 6. Received **Best paper award** in, Emerging Trends in Robotics and Communication Technologies, (INTERACT), 2010 International Conference.