



**Name of the Faculty** : **Dr. SYED UMAR**

**Designation** : **Associate Professor**

**Qualification** : **B.Tech, M.Tech, PhD,**

**Specialization** : **Computer Networks, Sensor Network  
Wireless Communication, Mobile Communication**

**Date of Birth** : **02-06-1981**

**mail-id** : **drsduumarcse@jbrec.edu.in**

**Contact Number** : **9030115580**

**Professional Memberships** : **1. Life Member in Computer Society of India (CSI), India-India.  
2. Life Member in The International Association For The Engineers And The Computer Scientists India .  
3. Life Member in Society of Digital Information and Wireless Communications.  
4. Life Member in World Academy of Science, Engineering and Technology.  
5. Life Member in Society of Artificial Intelligence India.  
6. Life Member in Society of Computer Science India.  
7. Life Member in Society of Internet Computing and Web Services India.  
8. Life Member in Society of Information System Engineering India.  
9. Life Member in Society of Scientific Computing India.  
10 Life Member in Society of Software Engineering India.  
11. Life Member in Society of Wireless Networks India.  
12. Life Member in Society of Imaging Engineering India.**

**Experience** : **13 Years**

**Achievements** :

**SPINGER International Journal Publications :**

*Syed Umar*, “A Proposal for Black hole Attacks in MANETS” Paper published in **SPRINGER** ISSN: **1876- 1100** 2016. Vol.84. No.1.

*Syed Umar*, “Analysis of Genetic Algorithm for Effective power Delivery and with Best Upsurge” Paper published in **Advances in Intelligent Systems and Computing SPRINGER** ISSN: **2194-5357** **2016**.

*Syed Umar* ". **Design Of Jitter Spectral Shaping As Robust With Various Oversampling Techniques In OFDM.**"Paper accepted in International Conference On Smart Computing & Informatics (Sci-2017) 3 - 4 March 2017.

*Syed Umar* ".**Design of Rivalize and Software Development to convert RDB to RDF**"Paper accepted in International Conference On Smart Computing & Informatics (Sci-2017) 3 - 4 March 2017.

*Syed Umar* "**SER Algorithm for Mobile Clients For Data Push[Read-Write] From Server Database**"Paper accepted In International Conference On Smart Computing & Informatics (Sci-2017) 3 - 4 March 2017.

*Syed Umar*, "Notification of Data congestion Intimation [NDCI] for IEEE 802.11 Adhoc Network with Power Save mode " Paper published in **SPRINGER Conference "Smart Innovation, Systems and Technologies** Series Editors: **Howlett, Robert James, Jain, Lakhmi C.**

*Syed Umar*, " **Synergistic Protection for Distributed intrusions- Brief case study of PIS systems** " Paper published in **SPRINGER Conference "** the International Conference on Computational Intelligence and Informatics-2017(ICCI-2017)will be held during 25th-27th September 2017 at JNTU, Hyderabad.

*Syed Umar* " **Watermarking technology in QR code with various attacks**"Paper accepted In International Conference On advances in Intelligent Systems and Computing book series (AISC, volume 584) Springer Nature Singapore Pte Ltd. 2018 Print ISBN 978-981-10-5698-7 .

*Syed Umar* "**Cognitive networked redemption operational conception and devising (CNROCD)** "Paper accepted In advances in Intelligent Systems and Computing book series (AISC, volume 584) Springer Nature Singapore Pte Ltd. 2018 Print ISBN 978-981-10-5698-7

**IEEE-DIGITAL LIBRARY International Journal Publications: (IEEE Conference Publication)**

**Using WAN Aggrandizement explication to remove defects in TCP Performance in AD-Hoc Network** Syed Umar 2<sup>nd</sup> International Conference on Inventive Systems and Control (ICISC 2018) is being organized on 19-20 January 2018 by JCT College of Engineering and Technology, Coimbatore sponsored by IEEE Aerospace & Electronics Systems Society.[Paper Accepted & Proceeding for Publication].

**Securities and threats of Cloud Computing and Solutions** Syed Umar 2<sup>nd</sup> International Conference on Inventive Systems and Control (ICISC 2018) is being organized on 19-20 January 2018 by JCT College of Engineering and Technology, Coimbatore sponsored by IEEE Aerospace & Electronics Systems Society. [Paper Accepted & Proceeding for Publication] .

**Challenges for the preliminary technological development in the Health Network System of wireless sensors** Syed Umar 2<sup>nd</sup> International Conference on Inventive Systems and Control (ICISC 2018) is being organized on 19-20 January 2018 by JCT College of Engineering and Technology, Coimbatore sponsored by IEEE Aerospace & Electronics Systems Society. [Paper Accepted & Proceeding for Publication].

**WSN based Alter system to save life in Mines with High Security System** Syed Umar 2<sup>nd</sup> International Conference on Inventive Systems and Control (ICISC 2018) is being organized on 19-20 January 2018 by JCT College of Engineering and Technology, Coimbatore sponsored by IEEE Aerospace & Electronics Systems Society. [Paper Accepted & Proceeding for Publication]

***Hypothecation of electronic commerce system with Hybrid encryption methodology (HEM)***

Syed Umar 2016 International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) Year: 2016 Pages: 2926 2929, DOI: 10.1109/ICEEOT.2016.7755234

### **Ghost analogy detections in processing of image.**

Syed Umar 2016 International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) Year: 2016 Pages: 2648-2651, DOI: 10.1109/ICEEOT.2016.7755174

### **Design and analysis of amplitude and divergence scheme for solving broadcast storm issues**

Syed Umar 2016 International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) Year: 2016 Pages: 2116-2118, DOI: 10.1109/ICEEOT.2016.7755063.

**"VANET for leveraging for caching network content distribution "** Syed Umar Paper Accepted in International Conference on Intelligent Computing and Control Systems (ICICCS 2017) is being organized on **15-16, June 2017** by The **Vaigai College Engineering (VCE), Madurai, India** at Melur, Madurai - 625 122.

**"Overview of the new bioinformatics virus goes from the front of next generation sequencing in Genomics based on Data mining "** Syed Umar Paper Accepted in International Conference on Intelligent Computing and Control Systems (ICICCS 2017) is being organized on **15-16, June 2017** by The **Vaigai College Engineering (VCE), Madurai, India** at Melur, Madurai - 625 122.

### **Scopus-Index International Journal Publications:**

*Syed Umar*, "An Authentication of Significant Security for Accessing Password through Network System" Paper published in **International Journal of Applied Engineering Research** ISSN 0973-4562 **Volume 12, Number 12 (2017) pp. 3130-3133.**

*Syed Umar*, "Modeling of Resource Allocation in OFDMA systems with Multiple Handover Stations" Paper published in **International Journal of Applied Engineering Research** ISSN 0973-4562 **Volume 12, Number 12 (2017) pp. 3130-3133.**

*Syed Umar*, "Discrete cosine transform with LBP based New fusion of SVT for Face Recognition" Paper published in *International Journal of Control Theory and Applications* Vol. 4, No. 3, **April 2017.**

*Syed Umar*, "Classification of Fuzzy Rule Based Order-Statistic Filters for Colour Images" Paper published in *International Journal of Control Theory and Applications* Vol. 4, No. 3, **April 2017.**

*Syed Umar*, "Hybrid Cryptography for Random-key generation based on ECC algorithm" Paper accepted in **International Journal of Electrical and Computer Engineering (IJECE)** ISSN 0973-4562 JAN-2017.

*Syed Umar*, "Designing of Dynamic Re-clustering Leach protocol for calculating total residual time and performance" Paper ACCEPTED in **International Journal of Electrical and Computer Engineering (IJECE)** ISSN 0973-4562 JAN-2017.

*Syed Umar*, "Cognitive Networked Redemption Operational Conception and Devising (CNROCD)" Paper published in *Indonesian Journal of Electrical Engineering and Computer Science* Vol. 4, No. 3, **march 2017.**

*Syed Umar*, "Attacks of Denial-of-Service on Networks layer of OSI Model and Maintaining of security" Paper published in *Indonesian Journal of Electrical Engineering and Computer Science* Vol. 4, No. 3, **march 2017,**

*Syed Umar* "AES and ECC based Cryptography for Random-key generation." Paper accepted In International Conference on Innovative Research in Engineering

and Science (IRES 2017) Feb- 2017.

*Syed Umar*, “**VMM based Secured Virtualization in Cloud-Computing**” Paper published in Indonesian Journal of Electrical Engineering and Computer Science Vol. 4, No. 3, **December 2016**, pp. 643 ~ 648 DOI: 10.11591/ijeecs.v4.i3.pp643-648.

*Syed Umar*, “**Designing of Medical Processor unit for Intelligent Network-Based Medical Usage**” Paper published in Indonesian Journal of Electrical Engineering and Computer Science Vol. 4, No. 3, **December 2016**, pp. 532 ~ 537 DOI: 10.11591/ijeecs.v4.i3.pp532-537.

*Syed Umar*, “**Perceptive Reckon System with RFID-tag with IEEE 802.15.4 technology**” Paper published THOMSON REUTERS “**International Journal of Computer Science and Information Security**” *IJCSIS ISSN: 1947-5500*

*Syed Umar*, “**Designing & simulation of Surrounding supporting multicast routing protocol**” Paper published in **International Journal of Electrical and Computer Engineering (IJECE)** ISSN 0973-4562 vol 5, no 6 December 2015.

*Syed Umar*, “**Designing & simulation of Surrounding supporting multicast routing protocol**” Paper published in **International Journal of Electrical and Computer Engineering (IJECE)** ISSN 0973-4562 vol 5, no 6 December 2015.

*Syed Umar*, “**Proposed Potential Security Infrastructure in VANETS using Tamper Registered Hardware**” Paper published in **International Journal of Electrical and Computer Engineering (IJECE)** ISSN 0973-4562 vol 5, no 6 December 2015.

*Syed Umar*, “**Tree Based Energy Balancing routing Protocol by Self Organizing In WSN**” Paper published in **International Journal of Electrical and Computer Engineering (IJECE)** ISSN 0973-4562 vol 5, no 6 December 2015.

*Syed Umar*, “**A Survey of QOS Aware Mac Protocol For Wireless Sensor Network**” Paper published in International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 24 (2014) pp. 23579-23589.

*Syed Umar*, “**A Review of Limitations and Challenges in Wireless Sensor Networks for Environmental Research**” Paper published in International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 16 (2014) pp. 3309-3318.

*Syed Umar*, “**A Review of Limitations and Challenges in Wireless Sensor Networks for Environmental Research**” Paper published in International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 16 (2014) pp. 3309-3318.

*Syed Umar*, “**Secure Efficient Neighborhood Discovery in Wireless Networks**” Paper published in International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 10 (2014) pp. 1303-1311.

*Syed Umar*, “**A Review Of Detection And Prevention Of Wormhole Attacks**” Paper published in JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY (E-ISSN 1817-3195 / ISSN 1992-8645).

### Thomson Reuters Indexed International Journal Publications:

*Syed Umar* “**Imminent accession of Artificial Intelligence based Forensic Exploratory with Data Mining Analysis**” Paper published in (ICSE) International Journal of Computer Sciences and Engineering e-ISSN:2347-2693 | Volume 1 | Issue 3|.March-2017

*Syed Umar* “**Delineation of Arboricultural Surveillance with Mobile Media**” Paper published in (IJIET) International Journal of Innovations in Engineering and Technology ISSN:2319-1058 | Volume 1 | Issue 1 |.Janvery -2017

*Syed Umar* “**Cross-layered Exploit Intensification Architecture for Manet's to Share resources Effectively to Nodes.**” Paper published in (IJIET) International Journal of Innovations in Engineering and Technology-ISSN:2319-1058 | Volume 1 | Issue 1 |.Janvery -2017

### International Journal Publications

*Syed Umar* “A Review of Issues and Challenges in Wireless Technology” Paper published in (IJSRSET) International **Journal of Scientific Research in Science, Engineering and Technology** © 2015 IJSRSET | Volume 1 | Issue 3 | Print ISSN: 2395-1990 | Online ISSN: 2394-4099 Themed Section: Engineering and Technology.

*Syed Umar* “**Sensor Scheduling of Nodes Using Cluster Head Mechanisms [Ssnch]**” Paper published in (IJESM) International **Journal of Engineering Sciences & Management**, Volume: 3 Issue: 4, 2015, ISSN: **2277-5528**. MAY 2015. Impact Factor: 2.745 (SIJF).

*Syed Umar*, “**Architectural Design of D2H Medicare**” Paper published in (ijritcc) **International Journal on Recent and Innovation Trends in Computing and Communication**, Volume: 3 Issue: 4, 2015, ISSN: 2321-8169. MAY 2015.

*Syed Umar*, “**Implementing Intelligent Monitoring Techniques in Agriculture Using Wireless Sensor Networks**” Paper published in (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 5 (4) , 2014, 5797-5800. July 2014.

*Syed Umar*, “**A Study on Web Services Security**” Paper published in International Journal of Computer Science Engineering and Technology (IJCSET) | July 2014 | Vol 4, Issue 7,235-237. July 2014.

*Syed Umar*, “**Security Design Issues in Distributed Databases**” International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS) Vol 5(2) 2279-0047. July 2014.

*Syed Umar*, “**A Study on Data Storing Mechanism in Data Warehouse for E-Commerce Applications**” International Journal of Software and Web Sciences (IJSWS) Vol 5(2) 2279-0063. July 2014.

*Syed Umar*, “**Heterogeneous Data Exchanged over the Internet and Intranets using XML Formats**” International Journal of Software and Web Sciences (IJSWS) Vol 5(2) 2279-0071. July 2014.

*Syed Umar*, “**The Survey of Congestion Control Protocols for Smart Transport System**” Paper published in International Journal of Innovative Research in Computer and Communication Engineering (An ISO 3297: 2007 Certified Organization)Vol. 2, Issue 7, July 2014.

*Syed Umar*, “**Development of a Data Warehouse for Cancer Diagnosis and Treatment Decision Support**” Paper published in Int J Engg Techsci Vol 5(3) 2014, 22 - 26.

*Syed Umar*, “A Review of Security Mechanisms for Detection of Malicious Transactions in Database” Paper published in / (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 5 (3) , 2014, 3047-3051.

*Syed Umar*, “Transversal Design for Wireless Sensor Networks Using Security Enhanced Key” Paper published in International Journal of Computer Science Engineering and Technology( IJCSET) | May 2014 | Vol 4, Issue 5,171-175.

*Syed Umar*, “Detection of Faulty Sensor Nodes in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and Technology( IJCSET) | May 2014 | Vol 4, Issue 5,179-189.

*Syed Umar*, “A Study on Data Sharing in the Cloud Using Distributed Accountability ” Paper published in International Journal of Computer Science Engineering and Technology ( IJCSET) | May 2014 | Vol 4, Issue 5,148-152.

*Syed Umar*, “A Study on Mining for Semantic Web Personalization ” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | March 2014 | Vol 4, Issue 3,63-67.

*Syed Umar*, “A Review of 3G-WLAN Interworking” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | March 2014 | Vol 4, Issue 3,50-55.

*Syed Umar*, “A Review of I-SEAD Routing Protocol for Mobile Ad Hoc Networks ” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | January 2014 | Vol 4, Issue 1, 21-24.

*Syed Umar*, “A Review of Wireless Sensor Networks: Attacks and Countermeasures Paper published in International Journal of Computer Science Engineering and technology IJCSET, | December 2013 | Vol 3, Issue 12, 466-473.

*Syed Umar*, “A Review of Lightweight Security Mechanism for ATM Networks. Paper published in International Journal of Computer Science Engineering and technology IJCSET, December 2013 | Vol 3, Issue 12, 449-453.

*Syed Umar*, “A Review of Low Cost Object Tracking System” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | November 2013 | Vol 3, Issue 11, 423-426.

*Syed Umar*, “A Review of One-Pass Key Establishment Model and Protocols for Wireless Roaming.” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | November 2013 | Vol 3, Issue 11, 416-422.

*Syed Umar*, “Classification of Routing Protocols in Wireless Ad hoc Networks Paper published in International Journal of Computer Science Engineering and technology IJCSET, | November 2013 | Vol 3, Issue 11, 396-401.

*Syed Umar*, “A Review of Ant Colony based Routing Algorithm in Wireless Ad-hoc Networks Paper published in International Journal of Computer Science Engineering and technology IJCSET, | November 2013 | Vol 3, Issue 11, 396-401.

*Syed Umar*, “A Study on Data Security in MANETS” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | November 2013 | Vol 3, Issue 11, 396-401.

*Syed Umar*, “A Review of Energy Conservation in Wireless Sensor Networks ” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | OCT 2013 | Vol 3, Issue 1, 21-24

*Syed Umar*, “A Study on High Data Rate WLAN” Paper published in International Journal of Computer Science Engineering and technology IJCSET, | SEPT 2013 | Vol 3, Issue 1, 21-24

*Syed Umar*, “A Study on Pollution Monitoring system in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, |SEPT 2013 | Vol 3, Issue 8, 291-296.

*Syed Umar*, “A Study on Scalable Routing Protocol for Ad Hoc Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, |SEPT 2013 | Vol 3, Issue 8, 291-296.

*Syed Umar*, “A Review of APTEEN in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, |SEPT 2013 | Vol 3, Issue 8, 291-296.

*Syed Umar*, “A Study on Secure Routing in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, |August 2013 | Vol 3, Issue 8, 291-296.

*Syed Umar*, “A Review of QoS in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, |August 2013 | Vol 3, Issue 8, 273-278.

*Syed Umar*, “A Study on ASCENT in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, |August 2013 | Vol 3, Issue 8, 267-272.

*Syed Umar*, “A Study on Detecting Wormhole Attack in Wireless Ad hoc Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, July 2013 | Vol 3, Issue 6, 201-210.

*Syed Umar*, “A Study of Data Interception in Wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, July 2013 | Vol 3, Issue 7, 239-243.

*Syed Umar*, “The Impact of War Driving On Wireless Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET T |June 2013 | Vol 3, Issue 6, 230-235.

*Syed Umar*, “Spoofing Attacks in wireless Sensor Networks” Paper published in International Journal of Computer Science Engineering and technology IJCSET, June 2013 | Vol 3, Issue 6, 201-210

*Syed Umar*, “A Review of Online Rogue Access Point Detection” Paper published in International Journal of Computer Science Engineering and technology IJCSET, May 2013 | Vol 3, Issue 5, 177-182.

*Syed Umar, Dr K.R.R.Mohana Rao, Soma Ambedkar Borugadda* “Applying Ambient Intelligence to Industrial Storage” Paper published in International Journal of Computer Science Engineering and technology IJCSET, April 2013, Vol 3, Issue 3, page 144 – 148.



## Publications in National/International Conference Proceedings

- Participated and presentation in a Two day **National Conference on Knowledge based Inventive Telecommunication Systems 2017**“**Signal, Image and Information Technology for Medical Telemetry**” NCKITS – 2017, 16th - 18th March 2017 **Organized by** department of electronics and communication engineering.
- Participated and presentation in a Two day International Conference on Innovative Research in Engineering and Science (IRES 2017) **Organized by Department of Computer Science and Engineering ANITS College of Technology, Visakhapatnam, India Feb-2017.**
- Participated and presentation in a Two day 1rd International Conference on Smart Computing & Informatics (SCI-2017) **Springer SIST Organized by Department of Computer Science and Engineering ANITS College of Technology, Visakhapatnam, India Nov 03th & 04th, 2017.**
- Participated and presentation in a Two day 3rd International Conference on Computer & Communication Technologies (IC3T-2016) **Organized by Department of Computer Science and Engineering DVR & Dr HS MIC College of Technology, Vijayawada, India Nov 05th & 06th, 2016**
- Participated and presentation in a Two day 3<sup>RD</sup> International Conference on "Emerging Technologies in Computer Science and Engineering **ICETCSE-2016**" *Organized by Department of CSE & IT V.R SIDDHARTHA Engineering College, Andhra Pradesh, India. October 17th & 18th, 2016.*
- Participated and presentation in a Two day International Conference on "**Micro-Electronics, Electromagnetic and Telecommunications ICMEET-2015**" *Organized by Department of Electronics and Communication Engineering GITAM University, Visakhapatnam, Andhra Pradesh, India. December 18th & 19th, 2015.*
- Participated in two day National conference on “**Advanced Embedded Technics**” *conducted by Department of ECM, KL University, on 19<sup>th</sup> June to 20<sup>th</sup> June 2015.*
- Participated in a Two day National workshop on “**Intellectual Property Rights and Scholarly Publishing Tools for Quality Research**” *conducted by Central Library, KL University from 9th to 10th May,2015.*
- Participated in a Two day National Workshop on “**Enterprise Big Data Analytics**” *conducted by Knowledge Engineering Research Group of CSE, KL University from 9th to 10th February, 2015.*
- Participated in a Two day National Workshop on “**Robofeast-2014**” *conducted by KLU-GYE (Globe of Young Engineers), KL University from 15th to 16th March,2014.*
- Syed Umar, Mohammed Ali Hussain and Md. Ali Mirza “ **A New Approach to Generate Simplified Decision Trees Based on Principal Component Analysis**”, paper Accepted in National Seminar on Recent Trends in Information and Communication Technology (RTICT 2011), organized by DEPARTMENT OF COMPUTER SCIENCE, held on January 7-8, 2012 at KRISHNA UNIVERSITY, A.P., India.



- Syed Umar, Md.Ali Hussain and Md. Mastan, “**Quality of Service Issues in Wireless Ad-Hoc Network (IEEE 802.11B)**”, National Conference on Electronics & Communication, at Karma veer Adv.Baburao Ganpatrao Thakare College of Engineering, Nasik, 2010.
- Syed Umar and Md.Ali Hussain and Md.Mastan, “**A Survey on Quality of Service (QoS) for IEEE 802.11e Wireless LANs**”, National Conference on Information and Communication Technology, at New Horizon College of Engineering, Bangalore, 2010.
- Syed Umar, Md.Ali Hussain and Md.Mastan, “**Congestion Avoidance and Control Mechanisms in Computer Networks**”, 4<sup>th</sup> National Conference on Recent Trends in Communication, Electronics & Information Technology, at CMR Institute of Technology, Bangalore, 2010.
- Syed Umar, Md.Ali Hussain and Md.Moulana, "A Survey on Performance Analysis of IEEE 802.11 Non-Saturated DCF", Paper Accepted in National Conference on Information and Communication Technology (NCICT), at New Horizon College of Engineering, Bangalore, May 2011, India.
- Syed Umar, Mohammed Ali Hussain, K. Kiran Kumar, “**The New Dynamic Network Selection Methodology for the Wireless Heterogeneous Networks**”, UGC Sponsored 2-Day National Seminar on "Impact of Information Technology on Rural India (NSITRI-2011) held at KBN College, Vijayawada during July 8th & 9th, 2011.

### Seminars/Workshops/Staff Development Programs Attended

- Two Day Faculty Development Programme on “**Network Programming & Unified Modeling Language**” on 3<sup>rd</sup> & 4<sup>th</sup> of Dec’2010 in Association with TCS, Hyderabad, Organized by Department of CSE, at Narasaraopeta Engineering College, Narasaraopet, Guntur Dist, A.P., India.
- One Day National Workshop on “**Mathematical Logic and Applications**” Organized by Department of Mathematics, at V.R. Siddhartha Engineering College, Vijayawada.
- One Day Seminar on “**Emerging Software Engineering Paradigms**” at P.B.Siddhartha College of Arts & Science in Association with Computer Society of India.
- Ten Days Staff Development Programmed Sponsored by AICTE on “**Wireless Network**” conducted at Vignan University, Guntur.
- Two Days Workshop on “**Parallel Computing**” by Prof. V. Kamakoti, IIT Chennai, Conducted by Indian Association for Research in Computing Science (IARCS) at P.B Siddhartha College of Arts & Science., Vijayawada.
- National workshop on “**Android**” by KL University, Vaddeswaram in association with CSI & KMS of Konaru Chapter on 17<sup>th</sup> March 2011.
- Attended a National Workshop on "**Soft Computing**" Organized by Department of Computer Science, Adikavi Nannaya University, and Rajahmundry on Jan 27th 2012.
- Attended One Day Workshop on "**Rough Sets in Soft Computing**" Organized by Department of Computer Applications, Prasad V. Potluri Siddhartha Institute of Technology (AUTONOMOUS), with Association of Indian Society for Rough Sets & IEEE Technical Committee on Soft Computing, Vijayawada held on September 22nd 2012.
- Two Day Workshop on "**Wireless communication & sensor networks** " , on 7<sup>st</sup> &8 March-2014, Organized by Sensor Networks Research Group, Dept. of ECM, KL University, Guntur, A.P., India.
- Two Day Workshop on "**Wireless sensor networks vis-a-vis Sensor Web Enablement**" on 23<sup>st</sup> &24 May-2013, Organized by Sensor Networks Research Group, Dept. of ECM, KL University, Guntur, A.P., India.

### International Journal's editorial board Member

- International Journal of Engineering technology and management research.
- International Journal of Innovative Research in Technology & Science
- Global Journal of Engineering Science and Researches (GJESR).
- SK International Journal of Multidisciplinary Research Hub.
- The International Journal of Scientific Research in Science, Engineering and Technology (**IJSRSET**).
- International Journal of Engineering Research & Science (IJOER).
- International Journal of Engineering and Innovative Technology (**IJEIT**).
- International Journal of Electronics Communication and Computer Engineering
- International Journal of Engineering Technology And Management Research (**IJETMR**)
- The International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET).
- International Journal of Industrial Electronics and Control [**IJIEC**]
- International Journal of Computer Science and Software Engineering (**IJCSSE**)
- International Association of Scientific Innovation and Research (**IASIR**)
- International Journal of Advanced Research in Computer Science & Technology [IJARCST].
- International Journal of Computer Science Engineering and technology (**IJCSET**).
- International Journal of Engineering and Techno science" (**IJETs**).
- International Journal of Electronics and Communication Engineering ( **IJECE** ).
- International Research Publication House.
- International Journal of Applied Engineering Research (IJAER).

### International Journal's Technical Review Member

- International Journal of Computer Science and Information Security (IJCSIS).
- International Journal of Advanced Computer Technology
- Science Solve for Scientific Research Publishing
- Technical Review Member, International Journal of Computer Science & Information Technology (IJCSIT).
- International Journal of Advanced Research in Computer Science & Technology [IJARCST].
- Universal Association of Computer and Electronics Engineers. (UACEE)
- International Association of Computer Science and Information Technology (IACSIT).
- International Multi Conference of Engineers and Computer Scientists (IMECS).
- International Association of Engineers (IAENG).
- The Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (ICST).
- Technical Review Member, International Journal of Advanced Computer Science and Applications (IJACSA).
- Technical Review Member, Journal on Wireless and Mobile Communication (JWMC).
- Technical Review Member, The International Arab Journal of Information Technology (IAJIT).

## **Subjects Taught at B.Tech & M.Tech :**

- Computer Networks
- Distributed Systems
- Operating Systems
- Data Base Management System
- Digital Logic Design
- Switching Theory Logic Design
- Advanced Computer Networks
- OOps through C++
- High speed Networks
- Communication protocols and Standards.
- Network Programming
- Mobile computing
- Computer Organization
- Network Management System
- Adhoc Sensor Networks
- Unix Programming
- Interfacing through Micro processor
- Parallel programming
- High performance TCP/IP Networks
- TCP/IP Protocol suite
- Wireless communication & Networks
- C-Language.