

Faculty Profile

Name: **Syed Shakeel Hashmi**
Designation: Assistant Professor
Teaching Areas: Signals and Systems, Digital Signal Processing, Analog and Digital Communication, Mobile Communication
Research Interests: Signal Processing, Wireless Communication
Education: (PhD)-Pursuing from JNTU Anantapur.
M.E. Communication (ECE) from Osmania University, 2006
B.E. (ECE) from Dr. Baba Saheb Ambedkar Marathwada University, 1999



Professional Experience (Total: 20 years)

1. 2011 to till date: Faculty of Science & Technology, IFHE, Hyderabad
2. 2008 – 2011: ICFAI University Dehradun
3. 2006 -2007: Royal Institute of Technology and Science , Chevella.
4. 2000-2006: Syed Hashim College of Science and Technology, Gajwel(M)

Research / Selected Publications:

1. **Syed Shakeel Hashmi** "Evaluation of Bottleneck intermediate node due to buffer overflow in MANETs based on Probabilistic model". Journal of Computational and Theoretical Nanoscience, American Scientific Publishers. Accepted [ISSN 1546-1963] (SCOPUS indexed)
2. **Syed Shakeel Hashmi** "Performance Analysis of Energy Aware Routing Protocols for Infrastructure less Networks ". Journal of Advanced Research in Dynamical and Control Systems, Special issue 09, 2018, [ISSN 1943023X] (SCOPUS indexed)
3. **Syed Shakeel Hashmi**, Dr. Syed Abdul Sattar, Dr. K. Soundara Rajan "Optimal Spectrum Utilization and Flow Controlling In Heterogeneous Network with Reconfigurable Devices". International Journal of Electronics and Telecommunications Vol 63. No.3, 2017, [ISSN 2081-8491 - Print] DOI:10.1515/eletel-2017-0037 (SCOPUS indexed)
4. **Syed Shakeel Hashmi**, Dr. Syed Abdul Sattar, Dr. K. Soundara Rajan ""Multi objective Coordination approach for resource utilization in Heterogeneous Cognitive Radio Network", International journal on Communications Antenna and Propagation.Vol.7, No.1, 2017 [ISSN: 2039-5086- e-ISSN: 2039-5094]DOI: 10.15866/irecap.v7i1.1120 (SCOPUS indexed)
5. **Syed Shakeel Hashmi**, Dr. Syed Abdul Sattar and Dr. K. Soundara Rajan "Link cost optimization for traffic controlling in heterogeneous network"6th Intl Conf. and Workshop on Computing and Communication 2015 (IEEE IEMCON 2015)Vancouver, BC. 15-17 Oct. 2015,DOI: 10.1109/IEMCON.2015.7344467.
6. **Syed Shakeel Hashmi**, Dr. Syed Abdul Sattar and Dr. K. Soundara Rajan "Optimization with Link and Resource Monitoring in Heterogeneous Network"IEEE sponsored 4th International Conference on Innovations in Information, Embedded and Communication Systems'17(ICIIECS'17), 17-18th March 2017.
7. **Syed Shakeel Hashmi**, Kishore K Kumar and Dr. Syed Abdul Sattar. Article: Efficient Bandwidth Allocation with Dynamic Coding for Quality of Service in CDMA based Wireless Communication System. *International Journal of Computer Applications* 59 (10): 41-48, December 2012. Published by Foundation of Computer Science, New York, USA ISSN: 0975 - 8887. (Impact Factor: 0.814).
8. **S. Shakeel Hashmi** "Congestion avoidance in IP based CDMA Radio Access Network" *International Journal of Wireless and Mobile Networks (IJWMN)* Vol.3, no. 1, Feb'2011. ISSN 0975-3834 (online); 0975-4679 (print);
9. **S. Shakeel Hashmi**, Dr. Syed Abdul Sattar and Dr. K. Soundara Rajan"Dynamic Stream Control Mechanism For Qos In Heterogeneous Network". A Two day 2nd National Conference on Recent Advances in Electronics NCRAE'17, Feb 24th & 25th, 2017, ITS, IIFHE University, Donthanpalli, Hyderabad.
10. **S. Shakeel Hashmi** "Digital Signature" Royal Institute of Technology & Science, National Conference on Crypto Smart-07 on 15th March, 2007.
11. **S. Shakeel Hashmi** "Interference aware QoS routing using Impatient Back off Algorithm "CMR Institute of Technology & Science, National Level Technical Symposium on 30th Sep&1st Oct, 2008.