

**Dr. SHAIK SHAKEEL AHAMAD**  
**ASSISTANT PROFESSOR**

**Education:**

Ph.D. Computer Science, University of Hyderabad, INDIA, Feb 2014

M.C.A. Master of Computer Applications, Osmania University, INDIA, 1999

B.Sc. Mathematics, Physics & Electronics, Nagarjuna University, INDIA, 1995

**Academic Experience:**

*Academic Appointments- Majmaah University, Kingdom of Saudi Arabia*

08/2015-Assistant Professor College of Computer & Information Sciences (CCIS)

*Academic Appointments- KL University, India*

04/2014 - 08/2015 Professor Computer Science and Engineering

*Academic Appointments- Osmania University, India*

10/2013 to 03/2014 Associate Professor Computer Science

*Academic Appointments- JNT University, India*

06/2013 to 10/2013 Associate Professor Computer Science and Engineering

*Academic Appointments- Osmania University, India*

11/1999 to 08/2007 Assistant Professor Computer Science

*Administrative Appointments- CCIS, Majmaah University, Kingdom of Saudi Arabia*

08/2015 to Till Date Member of College Research Committee

*Administrative Appointments- KL University, India*

04/2014 - 08/2015 Head of Computer & Network Security Research Group

04/2014- 08/2015 Member of Academic Council, CSE Dept.,

04/2014- 08/2015 Member of Board of Studies CSE, CSE Dept.,

04/2014- 08/2015 Chairman of Students Research & Development Activities

04/2014- 08/2015 Head of Heterogeneous Mobile Network lab (FIST Scheme)

*Administrative Appointments- K.G. Reddy College of Engineering & Technology, JNT University, INDIA*

06/2013 to 10/2013 Director of Research & Development, CSE Dept.,

**Non- Academic Experience:**

a) Consultant, E2 Labs, Hyderabad, India, 1/2008 to 04/2014

b) Trainer, PKI and Wireless PKI, E2 Labs, Hyderabad, India, 1/2008 to 04/2014

## Certifications

- a) Digital Forensics with FRED & Forensics Certificate Course from Digital Intelligence USA, 2015
- b) Microsoft Certified Professional (MCP), Networking Fundamentals, 2015

## Membership in Professional Bodies

- a) IEEE, Member, 01/2016, Membership Number: 93760980, IEEE Region: R10 -Asia and Pacific, Vizag Bay Subsection
- b) Association for Computing Machinery (ACM) Member, Membership Number: 7062372
- c) OWASP (Open Web Application Security Project), Individual Membership number is: 005933075
- d) International Association of Engineers (IAENG), IAENG membership number is: 146661
- e) IRED (Institute of Research Engineers and Doctors) Member in UACEE (Universal Association of Computer and Electronics Engineers)
- f) ICST Member (Institute of Computer Sciences, Social Informatics and Telecommunications Engineers)

## Service Activities:

- a) **Guest Editor:** Special Issue on "SECURITY AND PRIVACY FOR MOBILE BUSINESS SYSTEMS AND SERVICES" International Journal of Systems and Service-Oriented Engineering (IJSSOE), IGI Global Publications  
<https://www.igi-global.com/calls-for-papers-special/international-journal-systems-service-oriented/1155>
- b) **Program Chair**, ICCCT (2014), conducted by Osmania University, Hyderabad, India
- c) **Co-Session chair**, International Conference on Signal Processing And Communication Engineering Systems (SPACES 2015), KL University, Guntur, India
- d) **Reviewer**, Computers & Electrical Engineering, Elsevier (five year Impact Factor: 1.09), (since 02/2014)
- e) **Reviewer**, Computer Methods and Programs in Biomedicine, Elsevier (Five year Impact Factor: 2.051)
- f) **Reviewer**, Mobile Networks and Applications Journal, Springer (Five year Impact Factor: 1.538)
- g) **Reviewer**, Digital Investigation Journal, Elsevier (five year Impact Factor: 1.171) (since 02/2014)
- h) **Reviewer**, Information Security Journal: A Global Perspective Journals, Taylor & Francis
- i) **Reviewer**, International Journal of E-Services and Mobile Applications (IJESMA), (since 09/2013)
- j) **Reviewer**, International Journal of Network Security, (since 01/2012)
- k) **Reviewer**, International Conference of Digital Enterprise and Information Systems (DEIS 2011), UK
- l) **Reviewer**, ICCCT, conducted by Osmania University, Hyderabad, India, 2014.

**Courses Taught:** Computer Networks, Computer Networks & Security, Network Programming, Electronic Commerce, Mobile Commerce, System Analysis & Design, Malware and Vulnerability Analysis, Computer Graphics, and Computer Security.

### **Most Important Patents and Publications (Journals & Conferences) (Past 5 years):**

- 1) System and Method for Ensuring End to End Security in Mobile Commerce, **5240/CHE/2014,24<sup>th</sup> October, 2014**, Shaik Shakeel Ahamad., L S S Reddy & K. Thirupathi Rao, KL University, India.
- 2) System and method for providing secure transactions with signcryption mechanism and mobile agent technology, **TEMP/E-1/12557/2015-CHE, February, 2015**, Shaik Shakeel Ahamad., L S S Reddy & V.Krishna Reddy, KL University, India.
- 1) Lakshmi Naga Divya Tamma and Shaik Shakeel Ahamad (2017). A Novel Chaotic Hash based Attribute-Based Encryption and Decryption on Cloud Computing. *International Journal of Electronic Security and Digital Forensics*, Inderscience Publications (Switzerland) (Accepted & Listed in the Forthcoming Issue). (International Journal Paper)  
<http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijesdf>
- 2) Shaik Shakeel Ahamad, Ibrahim Al-Shourbaji, Samaher Al-Janabi (2016). A secure NFC mobile payment protocol based on biometrics with formal verification. *International Journal of Internet Technology and Secured Transactions*, Inderscience Publications (Switzerland), 6(2), 103-132, 2016. (International Journal Paper)
- 3) Hisham M. Alsaghier, Shaik Shakeel Ahamad, Siba K. Udgata, L. S. S. Reddy (2016): A Secure and Lightweight Protocol for Mobile DRM Based on DRM Community Cloud (DCC). FICTA (1) 2016: 475-483 (International Conference Paper)
- 4) Shaik Shakeel Ahamad, V. N. Sastry, Siba K. Udgata (2014): Secure mobile payment framework based on UICC with formal verification. *International Journal of Computational Science and Engineering (IJCE)*, Inderscience Publications (Switzerland), 9(4), 355-370 (2014) (International Journal Paper)
- 5) Shaik Shakeel Ahamad, V. N. Sastry, Siba K. Udgata (2014): A Secure and Optimized Proximity Mobile Payment Framework with Formal Verification. *International Journal of E-Services and Mobile Applications (IJESMA)*, IGI Global Publications (USA), 6(1), 66-92, 2014. (International Journal Paper)
- 6) Shaik Shakeel Ahamad., V.N.Sastry&SibaK.Udgata (2013). A Secure Mobile Payment Framework in MANET Environment. *International Journal of E-Business Research (IJEER)*, IGI Global Publications (USA), 9(1), 54-84, 2013. (International Journal Paper)
- 7) Shaik Shakeel Ahamad, Udgata, S.K. and Sastry, V.N. (2012). A new mobile payment system with formal verification. *International Journal of Internet Technology and Secured Transactions*, Inderscience Publications (Switzerland), 4(1), 71–103, 2012. (International Journal Paper)
- 8) Shaik Shakeel Ahamad., Sastry, V.N. and Udgata, S.K. (2012). Secure and Optimized Mobile based Merchant Payment Protocol using Signcryption. *International Journal of Information Security and Privacy*, IGI Global Publications (USA), 6(2), 64-94, 2012. (International Journal Paper)
- 9) Shaik Shakeel Ahamad., Sastry, V.N. and Udgata, S.K. (2012). A Secure Mobile Wallet Framework with Formal Verification. *International Journal of Advanced Pervasive and Ubiquitous Computing (IJAPUC)*, IGI Global Publications (USA), 4(2), 1-15, 2012. (International Journal Paper)
- 10) Shaik Shakeel Ahamad, V. N. Sastry, Siba K. Udgata (2012): A secure and optimized mobile payment framework with formal verification. In *Proceedings of First International Conference on*

*Security of Internet of Things(SECURIT 2012),Amrita Vishwa Vidyapeetham, Kollam, India, August 16-19, ACM Digital Library, pp. 27-35, 2012. (International Conference Paper)*

- 11) Shaik Shakeel Ahamad, Sastry, V.N.; Udgata, Siba K (2012): Enhanced Mobile SET Protocol with Formal Verification. In *Proceedings of Third International Conference on Computer and Communication Technology (ICCCT)*, Motilal Nehru National Institute of Technology, Allahabad, India, , November 23-25 IEEE Digital Library, pp.288-293, 2012. (International Conference Paper)
- 12) Shaik Shakeel Ahamad, Sastry, V.N.; Madhusoodhnan Nair (2013). A Biometric based Secure Mobile Payment Framework. Fourth *International Conference on Computer and Communication Technology (ICCCT)*, Motilal Nehru National Institute of Technology, Allahabad, India, September 20-22, IEEE Digital Library, pp. 239 – 246, 2013. (International Conference Paper)
- 13) Shaik Shakeel Ahamad, Sastry, V.N.; Siba K. Udgata; Madhusoodhnan Nair (2013). A Secure and Reliable Mobile Banking Framework. In *ICT and Critical Infrastructure: Proceedings of the 48<sup>th</sup> Annual Convention of Computer Society of India- Vol II. Advances in Intelligent Systems and Computing Volume 249*, Visakhapatnam, India, Dec 2013, Springer, pp 741-748, 2013. (International Conference Paper)

#### **Biographical notes:**

Dr. Shaik Shakeel Ahamad is currently working as an Assistant Professor in CCIS, Majmaah University, Kingdom of Saudi Arabia. He was a Professor in the Department of CSE, KL University, Guntur, India (now on lien). He holds a PhD in Computer Science from the University of Hyderabad (a Central University which ranks second in India) and IDRBT (Institute For Development and Research in Banking Technology), Hyderabad, India in the realm of secure mobile payments protocols and formal verification. He has published more than 25 research papers in reputed International journals / Proceedings indexed by ISI, Scopus, ACM Digital Library, DBLP and IEEE Digital Library. He is serving as a Review Committee Member of the following journals Computer Methods and Programs in Biomedicine, Elsevier (Five year Impact Factor: 2.051), Mobile Networks and Applications Journal, Springer (Five year Impact Factor: 1.538), Computers & Electrical Engineering, Elsevier (Five year Impact Factor: 1.09), Digital Investigation Journal, Elsevier (Five year Impact Factor: 1.171) (since 02/2014), Information Security Journal: A Global Perspective Journals, Taylor & Francis publications, International Journal of E-Services and Mobile Applications (IJESMA), IGI Global, International Journal of Network Security (IJNS). He is supervising nine Ph.D. Scholars in India. His research interests include cloud-based mobile commerce, secure mobile healthcare frameworks and protocols, wireless public key infrastructure and digital forensics. He is a member of IEEE, Association for Computing Machinery (ACM) and OWASP (Open Web Application Security Project). He can be reached at [ahamadss786@gmail.com](mailto:ahamadss786@gmail.com) & [s.ahamad@mu.edu.sa](mailto:s.ahamad@mu.edu.sa)