



## Asif Uddin Khan, Ph.D.

**Designation** : Assistant Professor

**Department** : Department of Computer Science and Engineering

(JOINED THE INSTITUTE IN JUNE 2017)

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### Research Interests

- ✓ Wireless and Mobile Networks
- ✓ Cloud, Fog and Edge Computing
- ✓ Connected Vehicles
- ✓ Software Defined Network
- ✓ Network Security
- ✓ IoT

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### Academic Qualifications

Ph. D (Computer Science), Utkal University, Bhubaneswar, India

M. Tech (Computer Science and Engineering), IIIT Bhubaneswar, India

B.E (Computer Science and Engineering), BPUT Odisha, India

**Specialization:** Computer Networking, Advanced Computer Architecture, IoT

### Teaching Experience/Industrial Experience/Research Experience

- ✓ Worked as Guest Faculty for M.Tech students in Dept of Computer Science Utkal University, Bhubaneswar.
- ✓ Worked as Resource Person/Faculty in Center for Advanced Post Graduate Studies, BPUT Rourkela.
- ✓ Worked as Research Assistant in WMLAB, NCU Taiwan.
- ✓ Worked as Assistant Professor in Dept of Computer Science and Engineering, TAT Bhubaneswar.
- ✓ Worked as Assistant Professor in Dept of Computer Science and Engineering NIT Bhubaneswar.
- ✓ Worked as Sr.Lecturer in Dept of Computer Science and Engineering, KEC Bhubaneswar.
- ✓ Worked as Software Trainee in Annova Technology Hyderabad, India.
- ✓ Worked as Lecturer in Dept of Computer Science, College of Engineering and Technology Bhubaneswar, India.

## JOURNALS &amp; CONFERENCES

- [1]. Laxminath Tripathy, **Asif uddin Khan**, 'FTTCR: A New Interconnection Architecture for Parallel Systems', 'Intelligent and Cloud Computing Smart Innovation Systems and Technologies', vol 153. Springer, Singapore. [https://doi.org/10.1007/978-981-15-6202-0\\_49](https://doi.org/10.1007/978-981-15-6202-0_49)
- [2]. Santosh Kumar Sahoo, **Asif Uddin Khan**, Ajit Kumar Nayak, "Efficient Task and Data Scheduling Policy for Vehicular Fog Computing Based on Link Weight", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019.
- [3]. **Asif Uddin Khan**, Bikram Kesari Ratha "A Secure Framework for Detecting and Preventing Grayhole Attack (SFAODV)", International Journal of Engineering Trends and Technology (IJETT), V43(5), 259-267 January 2017. ISSN:2231-5381, (DOI :10.14445/22315381/IJETT-V43P244).
- [4]. **Asif Uddin khan**, Bikram kesari Ratha "A Secure Strong Designated Verifier Signature Scheme " International Journal of Network Security, Vol.19, No.4, PP.599-604, July 2017, (DOI: 10.6633/IJNS.201707.19(4).13).
- [5]. **Asif Uddin Khan**, Bikram Kesari Ratha and Srikant Mohanty. "A timestamp-based strong designated verifier signature scheme for next-generation network security services." *Advances in Computer and Computational Sciences*. Springer, Singapore, 2017. 311-320.
- [6]. **Asif uddin khan**, Bikram kesari Ratha " Business Data Extraction from Social Networking" 3rd IEEE International Conference on Recent Advances In Information Technology (RAIT)3rd - 5th March'16 | Dhanbad, INDIA.
- [7]. **Asif uddin khan**, Bikram kesari Ratha " Time Series Prediction QOS Routing in Software Defined Vehicular Adhoc Network", IEEE International conference on man and machine interface, MAMI-2015 Dec 17-19.
- [8]. **Asif Uddin khan**, Priyabrata sahoo, Soumendra Pattnaik, Motichand Sahoo, "A Secure Strong Designated Verifier Signature Scheme Using Elliptic Curve Cryptographic Authentication" published in Journal of IMS Group Volume no-1 January June 2013, pp.121-126, ISSN NO-0973-824X
- [9]. Binayak Kar, **Asif Uddin Khan**, Laxminath Tripathy, Priyabrata Sahoo and Raj Kumar Parida. "Ecc Based Self Proxy Signature Scheme", International Workshop on Future Communication and Networking

(IWFCN 2011), ASME Press, pp. 1363-1366, December 12 – 13, 2011, Hong Kong.

- [10]. **Asif uddin khan**, Jayakrushna Sahoo and Sanket Dash "Improved Proxy Blind Signature Scheme", 2011 3rd IEEE International Conference on Computer Modeling and Simulation (ICCMS 2011 7th jan to 9th jan) Mumbai,India,and indexed by INSPEC, EI Compendex and Thomson ISI.
- [11]. Binayak Kar, Pritam Prava Sahoo and **Asif Uddin Khan** "Improved Self-certified Partially Blind Signature Scheme", Special Issue of International Journal of Computer and Communication Technology (**IJCCT**) Vol. 2 Issue 2, 3, 4; 2010.
- [12]. **Asif uddin khan**, Banamali Dinda and Jayakrushna Sahoo, "Improved Proxy Signature scheme Based on Schnorr's Scheme with ECC", IJCSNS, International Journal of Computer Science and Network Security, page no- 246-249 VOL.10 No.8, August 2010.
- [13]. Binayak Kar, Pritam Prava Sahoo and **Asif Uddin Khan**. "Improved Self-certified Partially Blind Signature Scheme 2010 for International Conference [ICCT-2010], pp. 200-203, December 3–5, 2010, Bhubaneswar, India.
- [14]. **Asif Uddin Khan** "Hacking the invisible network and insecurities in wireless standards" National Conference ie BSSCAD-2009 held at OEC BBSR Sponsored by AICTE.

## ANY OTHER

1. Reviewer of IEEE International Conference on Innovative Trends In Information Technology (ICITIIT-20) organized by IIIT-Kottayam
2. Reviewer of 1st IEEE International conference on Applied Machine Learning (ICAML2019) organized by Siksha 'O' Anusandhan Deemed to be University during September 27-28, 2019 in Bhubaneswar, Odisha, India.
3. Reviewer of International Journal of Network Security.
4. Reviewer of 3rd International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2018).

Book Chapter  
Conferences attended

7 Conference attended