

Name of Faculty Medikonda Asha Kiran
 Designation Assistant Professor
 Nature of Job/Appointment Contract
 Date of Joining 15-09-2023
 E-mail ashakiranm_aiml@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy National Institute of Technology, Trichy.	Thesis Submitted
PG	M.Tech. (CSE)	First with Distinction
PG	MBA (HRM)	First Class
UG	B.Tech (CSE)	First Class

Work Experience

Teaching	06 Years
Research	05 years
Industry	08 Years
Others	--

Area of Specialization Cryptography, IoT, Cloud Computing, Security, and Privacy.

- Professional Memberships
1. Member in International Association of Engineers (306140).
 2. Associate Member in Institute of Engineers (AM1917644).
 3. Life member Indian Society for Technical Education (LM132161).
 4. Member IEEE (95180272).
 5. Member in Association in Computing Machinery (4328557)

Responsibilities held at Institution Level

- Responsibilities held at Department Level
1. Internship Coordinator
 2. Placements Coordinator

Awards

- Awards Received
1. Qualified UGC NET in November 2017 as Assistant Professor.
 2. Qualified Gate in 2018.
 3. IDRBT sponsored fellowship for Ph. D. from August 2018 to August 2023.
 4. Awarded International Travel Grant; for 4th International Conference and Workshops on Recent Advances and Innovations in Engineering (ICRAIE).IEEE, 2019, Malaysia for paper presentation.

Courses Handled at Under Graduate / Post Graduate Level.

Computer Networks
 Cloud Technologies
 Human Computer Interaction
 Advanced Computer Networks
 Software Engineering
 Data Communications and Computer Networks
 Mathematical Foundations in Computer Science
 Database Management Systems

No. of Papers Published

National Journals – 00

International Journals – 04

National Conference – 00

International Conference – 02

Details of Journal Publications/
Conferences (National and
International)

International Journals

1. “Analyzing the Peer to Peer Traffic using Cache Nodes in Wireless Sensor Networks” by Medikonda Asha Kiran, Prof. B. Poornasatyanarayana, International Journal of Advanced and Innovative Research, Volume 1, Issue 5, October 2012.
2. “Neighbor Verification and Discovery in MANETs” by Y. Sairam, Medikonda Asha Kiran, International Journal of Computer Science and Technology, Volume- 5, Issue-4, Version-1 Oct, Dec-2014.
3. Efficient Pairing-Free Identity-Based Signcryption Scheme for Cloud-Assisted IoT” Medikonda Asha Kiran, Syam Kumar Pasupuleti, and R. Eswari. International Journal of Cloud Applications and Computing (IJCAC), Volume 12, Issue 1, July-2022. DOI: 10.4018/IJCAC.305216. Scopus.
4. A lightweight pairing-free ciphertext-policy attribute-based signcryption for cloud-assisted IoT” Medikonda Asha Kiran, Syam Kumar Pasupuleti, and R. Eswari. Peer-to-Peer Networking and Applications (PPNA), Volume 15, Issue 4, July-2022, <https://doi.org/10.1007/s12083-022-01356-x>. SCIE.

International Conferences

1. Biometric Authentication: A holistic Review” Medikonda Asha Kiran, Yogeshwari, P., Bhavani, K.V., Ramya, T In: 2018 2nd International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC) I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), 2018 2nd International Conference on. pp. 428{433. IEEE (2018).
2. ;A Lightweight Two-factor Mutual Authentication Scheme for Cloud-based IoT; Medikonda Asha Kiran, Syam Kumar Pasupuleti, and R. Eswari. 2019 4th International Conference and Workshops on Recent Advances and Innovations in Engineering (ICRAIE). IEEE, 2019.

