Dr Kotari Sridevi

Academic Profile:

Ph.D. awarded from Acharya Nagarjuna University, Guntur in December 2019.

M.Tech (CS) with Distinction (83%) from JNTUH in 2014.

M.Tech (CSE) with Distinction (82%) from Acharya Nagarjuna University in 2010.

DOEACC B'LEVEL with First Class in 2007.

DOEACC A'LEVELwith First Class in 2001.

AMIE section 'A'and section 'B' with Distinction (82%).

Ph. D Details

Ph.D. awarded from Acharya Nagarjuna University on December 15th 2019 for the thesis titled "**Secure and QoS Routing Enhancement Through Node Trust Computation Measures in MANETS**".

Current Position

Working as Associate Professor in the Department of CSE, Muffakham Jah College of Engineering and Technology from March 2021 to till date.

Previous Positions

1. Worked as Assistant Professor in the Department of CSE, Muffakham Jah college of Engineering and Technology, Hyderabad from October 2010 to Feb 2021.

2. Worked as Faculty Member in ICFAI organization from **2007** to 2010.

3. Worked as Assistant Professor in Lenora Engineering College.

4. Worked as a Junior Engineer in MIC Electronics.

Patents Published

1. Method for Providing Encrypted Secure communications in Networked Internet of Things (IOT) Devices in February 2021.
2. A System and Method for Controlling Deployment of IOT Devices over Wireless Networks with an Adaptive Gateway in November 5th2021.

Publications in International Journals / Conferences/Chapters

1. Taranum F, Sridevi K "Resource Allocation and Scheduling of Patient's Physical Activity using PSO ", October 2023

2. Kotari Sridevi, Kanaprthi. Suresh Kumar, "**I**oT based application designing of DeepFake Test for Face animation" , 2023

3. K Sridevi "MANET's Node Secure Mobility Predictions using Enhanced Adaptive Learning Techniques" Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023, 2023, pp. 510–514

4. Fahmina Taranum, Sridevi K, "Breast Cancer Detection Using Machine Learning Concepts", In book: Data Science and Interdisciplinary Research: Recent Trends and Applications, 2023.

5. Sridevi, K., Kavitha, J., Babu, G.C., Garapati, Y., Prasad, S.D.V. "A Detailed Study on a Software-Based Fog Network-Based Delay-Tolerant Data Transmission Model " Lecture Notes in Networks and Systems 2023, 587, pp. 587–599

6. Kotari Sridevi, Kanaprthi. Suresh Kumar, "**I**oT based application designing of DeepFake Test for Face animation", Oct 2022, 6th International Conference on Cloud and Big Data Computing , published in 18th October 2022

7. Taranum Fahmina, Sridevi K, "Role of an Optimal Multiagent Scheduling in Different Applications Using ML", December 2022

8. Ravi Teja, Kotari Sridevi "Industrial Wireless Sensor Network Integration with Cloud Environment using IPv6 Routing", 2022 International Conference on Sustainable Computing and Data Communication Systems

9. Babu, G.C., Sridevi, K., Mohan, K.V.M., Vara Prasad, S.D., Kavitha, J. "A Novel Artificial Neural Network Algorithm for Prediction of Natural Gas Prices using Machine Learning " Jan 2022, *4th International Conference on Smart Systems and Inventive Technology, ICSSIT 2022*, 2022, pp. 915–920

10. K Sridevi, Mohammed Abdul Rehman, Quasim Ali Farooqui, "IoT based Comprehensive Approach Towards Shaping Smart Classrooms" published in   IEEE Xplore, December 2021

11. Kotari Sridevi, Sara Fatima, Nuha Abdul Rasheed, "A novel routing algorithm for link failure localization prediction and recovery in WSN" International Journal of Aquatic Science ISSN: 2008-8019 Vol 12, Issue 02, 2021.

12. Kotari Sridevi, Srinivas Rao Dhanikonda, D Vara Prasad, Chandragiri Tirupati, "WSNS

Security Enhancement Based On a Game Theory", JSR Journal, ISSN: 1781-7383, pp. 16-25, Volume XIII, Issue 1, January-2021

13. Kotari Sridevi, Srinivas Rao Dhanikonda, D Vara Prasad, Chandragiri Tirupati, "Non-Zero-Sum Game Theory in Localizing a False Node in WSN", AutAut Research Journal, ISSN No: 0005-0601, pp. 168-172, Vol XII, Issue-2021.

14. Kotari Sridevi, Srinivas Rao Dhanikonda, D Vara Prasad, Chandragiri Tirupati, "Interoperability in Multi Layered Design Through WSNs, Bulletin Monumental, pp.37-43, Vol 22, Issue 1, Jan-2021.

15. Kotari Sridevi, Dr. Mandapati Sridhar, "A Unique Trusted Key Sharing Scheme for Secure and QoS Routing in MANET", Jour of Adv. Research in Dynamical & Control Systems, Vol. 10, 09-Special Issue, pp. 577 – 585, 2018. (SCOPUS)

16. Kotari Sridevi, Dr. Mandapati Sridhar, "A Reliable Trustworthy Approach Based on Node Behavior Prediction for Secure Routing in MANET", International Journal of Intelligent Engineering Systems, pp.230-241, Vol.10, No.6, June 25, 2017.DOI:10.22266/ijies2017.1231.25.(SCOPUS)

17. Kotari Sridevi, Dr. Sridhar, "Secure and Authorized Approach Node Trust Evaluation in Mobile Ad Hoc Networks", International Journal of Electronics and Communication Engineering– (ICRTESTM-2017) - Special Issue, ISSN: 2348 –8549, pp. 49 – 54, April, 2017

18. GouseBaig Mohammad, Kotari Sridevi, Mir Ahmed Ali. "Digital Image Steganography Methods and its Application in Security- A Survey". International Journal of Emerging Technology and Advanced Engineering.

19. Kotari Sridevi, Dr. M Sridhar, "MQMF: Multiple Quality Measure Factors for Trust Computation and Security in MANET", Global Journal of Computer Science and Technology: E, Network, Web & Security, Vol.16, pp: 7-14, Issue 3, 2016. DOI: 10.17406/GJCST(SCOPUS)

20. K Sridevi, Md Fazal, "Security in Mantes using Onion Routing and Elliptic Cryptography", International Journal of Electrical Electronics and Communications, ISSN 2048-1069, Volume 21 April 2017.

21. Kotari Sridevi, Ayesha Siddiqui, "Preventing black hole attacks in MANETs using secure knowledge algorithms" IEEE, 2015.

Workshops Attended

1. Attended Five Day international workshop on "Building Data Driven Solutions using Data Analytics with ML & DL Algorithms" held virtually during 24 – 28 June 2021 organized by Department of CSE, CBIT, Hyderabad.

2. Attended One Week STTP on Outcome Based Pedagogical Initiatives for Effective Teaching and learning" from 9th April to 24th April 2021, Matrusree Engineering College, Hyderabad.

3. Attended One Week AICTE sponsored online STTP on "Recent Trends in CSE Phase – III ", Organized by Department of CSE from 22nd to 27th March – 2021 at St Mary's Women's Engineering College, Guntur, Andhra Pradesh.

4. Attended a one-day Awareness Workshop on Outcome Based Education and Accreditation on 18th December 2016, organized by University College of Engineering, Osmania University, Hyderabad.

5. Attended a Two-Day workshop on IOT conducted by Microsoft IT India at Vasavi College of Engineering, Hyderabad on 21st and 22nd August 2015.

6. Attended Two-Week ISTE STTP on "Introduction to Design of Algorithms" conducted by IIT, Kharagpur, May 2015.

7. Attended Two-week ISTE workshop on "Computer Networking" conducted by IIT Bombay from May 28th to July 5th, 2014.

8. Attended Two-Day National workshop on "Research Trends in Computer Science" from 4th to 5thMarch, 2014 organized by Muffakham Jah college of Engineering & Technology, Hyderabad.

9. Attended Two-Week ISTE workshop on "Database Management Systems" conducted by IIT Bombay from 21st to 31st May, 2013.

10. Attended Two-Day workshop on "Microprocessors and Microcontrollers" jointly organized by department of CSE and department of ECE, CBIT held on 4th and 5th January 2012.

FDP's Organized

1. Organized One-Week Faculty Development Program on **"Computational Intelligence** "organized by CSE department in collaboration with CSI from 06-11, January-2020 at MJCET, Hyderabad.

FDPs Attended

1. One-Week International Faculty Development Program on "Business Intelligence and Data Analytics using IBM Cognos Analytics and Tableau ",organized from 05 July 2021 to 10 July 2021 by Stanley College of Engineering & Technology for women in Collaboration with Smart Bridge Educational Services PVT ltd.

2. Attended One-Week Online FDP on "Cyber Security and Cyber Forensics "organized by Department of CSE, MVSREC, Hyderabad from !4th June to 18th June 2021.

3. Attended One-Week FDP online on "Hands - On Big Data Analytics ", Organized by Department of CSE at Vardhman College of Engineering, Hyderabad on 8th to 12th Feb 2021.

4. Attended One-Week Faculty Development Program on "Computational Intelligence" organized by CSE department in collaboration with CSI from 06-11, January-2020 at MJCET, Hyderabad.

5. Attended One-Week short term training program on "The Next Gen Cloud" from 11th to 15th March, 2019 at Vardhman College of Engineering, Hyderabad.

6. Attended One-Week Faculty Development Program on "Data Science Technologies & Next Generation Artificial Intelligence" organized by CSE department in collaboration with CSI from 03-08, January-2019 at MJCET, Hyderabad.

7. Attended One-Week Faculty Development Program on "Big Data Analytics and Deep Learning" organized by CSE department in collaboration with CSI from 03-08, January-2018 at MJCET, Hyderabad.

Professional Memberships

1. Computer Society of India (CSI)
2. AMIE Membership

Place: Hyderabad   **Dr. Kotari Sridevi**
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