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📍 Alhawban, Taiz, Yemen

CURRICULUM VITAE

Dr. Thoyazan Sultan Ali Algaradi
Assistant Professor

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EDUCATIONAL QUALIFICATIONS

Ph.D. (Computer Science):
Ph.D. Degree in Computer Science, majoring in Big Data Security, Department of Computer Science at Kakatiya University, Warangal, Telangana State, India, Sep. 2021.

M. Sc. (Computer Science):
Master's Degree in M.Sc./Computer Network with overall grade **Very Good**, Class A, and **stood First** in order of merit among the successful candidates, School of Computational Sciences at Swami Ramanand Teerth Marathwada **(** S.R.T.M. **)** University, Nanded, Maharashtra State, India, 2015-2017.

B.Sc. (Computer Engineering):
Bachelor's Degree in Computer Science and Engineering, majoring in Computer Engineering with an overall grade **Very Good**, and **stood Fourth** in order of merit among the successful candidates, Hodaidah University –2014.

RESEARCH INTEREST

- **Security Aspects:** Cryptography, Authentication, Key Management. Security of Big Data, and IoT and general Networks, **all what related to Cybersecurity areas.**

WORK EXPERIENCES

- **Head of cybersecurity and networks program,** at computers Department, university of science and technology, Taiz, Alhawban, Yemen, since 2022 -now.
- **Assistant professor** at computers department, university of science and technology, Taiz, Alhawban, Yemen, 2022 till now.
- **Assistant professor** at Taiz university, computer and information technology center, Alhawban, Taiz, 2021 till now.
- **Assistant professo**r at Sama collage, faculty of information technology, demnat khadeer, Alhawban, Taiz, 2022 till now.
- **Assistant professo**r at Al-khawarzmi collage, faculty of Cyber security and information technology, Alkaidah, Ibb, 2022 till now.
- **Assistant professo**r at Al-hikmah university, faculty of engineering sciences, department of information technology, Alhawban, Taiz, 2021 till 2022.
-**Research scholar** at Department of Computer Sciences, Kakatiya University, India from 13th Dec 2017 till Sep 2021.

COURSES TEACHING EXPERIENCES

- Programming and problem-solving.
- Object-oriented programming (java).
- Wireless network.
- Network Administration.
- Distributed systems.
- Database Administration.
-Database -1
- Data structure and algorithms.
- System and network security.
- Cybersecurity Essentials.
- Software Engineer
- Switching and Routing.

- Programming language C++ (2).
- Information security.
- Data communication and networking.
- Network Administration (practical).
- Distributed systems (practical) .
- Digital multimedia.
- Web Design.
- Algorithms analysis and design.
- Digital logic design.
- Linux (practical).
-Cryptography

MORE COURSES TO TEACH

Programming Paradigms, Intro. To Computer, Programming Languages (C++, Visual Basic, Java, .net, SQL, Python, Matlab), Object-Oriented Programming, Fundamentals of Database Systems, Networks Fundamental, Data Communication and Computer Networks, Operating Systems, Data structures and Algorithms, Computer Security, System and Network Security, Information Security, network administration, Encryption, Cybersecurity essential, Ethical hacking, Digital forensics, Network threats, and defense, Digital logic and design, **and other subjects, especially about the security and networks area**.

TRAINING HELD

- A lecturer for a course presented entitled " security+", computers department, university of Science and Technology, Alhawban, Taiz, Yemen, NOVEMBER-2022.
- A lecturer of a day seminar on " cyber security: its importance and effects on our daily life", computers department, university of Science and Technology, Alhawban, Taiz, Yemen 07-sep-2022.
- A participant lecturer of a day seminar on " how to select your undergraduate major", University of Science and Technology, alhawban, taiz, Yemen 29-agu-2022.

TRAINING AND COURSES

- Completed a Course on "PYTHON" successfully at Naresh Technologies Software Training and Development, Hyderabad, India from January-2019 to March 2019.

- Completed a Course on "Hadoop" successfully at Shanmukha Technologies Institution, Hyderabad, India from January-2019 to March 2019.

- Completed a Course on "Java Programming Language" successfully at Sathya Technologies Institution, Hyderabad, India from January-2019 to March 2019.

- Completed a Course on "Fluent English" successfully at Vita Institute of English speaking, Bangalore, India, 2016.

- Completed a Course on "Cisco Certificate Network Associate (CCNA)" successfully at the Indian Institute of Hardware Technology, Jayanagar, Bangalore, India, from April to May (2016).

- Completed a Course on "Cisco Certificate Network Associate (Security)" successfully at the Indian Institute of Hardware Technology, Jayanagar, Bangalore, India, from Jun- July (2016).

- Completed a Course on "Pre-Intermediate English" successfully with grad A (91.75%) in The International Academy English Language Studies (AES), GOA, India, from JAN to AUG 2015.

- Got a "Training Certificate" from Tehama Technology Company, Hodaidah, Yemen, 2014.

CONFERENCES, SEMINARS, and WORKSHOPS ATTENDED

- An online symposium via zoom platform, entitled as: INTERNET AND E-MAIL SECURITY (A Symposium in Cybersecurity), Presented By Dr. Nibras Abdullah, visiting scholar at the National Advanced IPv6 Center, and School of Computer Sciences, University Sains Malaysia, Penang, Malaysia, Saturday 07 August, 2021.

- One Week Faculty Development Program entitled as "Cyber Security", (Online Mode), Through the ATAL Academy programs (AICTE)., held on 18-22, OCT-2020

- Participated & completed AICTE Training and Learning (ATAL) Academy FDP on "Cyber Security" at NIT university, WARANGAL, from 30-09-2019 to 04-10-2019.

- Participated & completed AICTE Training and Learning (ATAL) Academy FDP on "Artificial Intelligence", on 19-3 of November 2019 at NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL.

- Three days Orientation Program on "Research Methodology for Science Research Scholars", organized by the Dean, Faculty of Science, Kakatiya University, Warangal, and held during 26th - 28th February 2019.

- 4th International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT 2018), held at Alva's Institute of Engineering and Technology, Mangalore, Karnataka, India during 06-08, September 2018.

- One Week Induction/Refresher Program entitled as: "BIG DATA ANALYTICS USING R-TOOLS", sponsored by AICTE-ISTE and organized by Department of Computer Science and Engineering, Kakatiya Institute of Technology and Science, Warangal, Telangana, India, from 02-07, July 2018.

- Three Days National Workshop on "Cryptology (NWC-2018)" organized by CR Rao Advanced Institute of Mathematics, Statistics and Computer Sciences (AIMSCS) in association with Cryptology Research Society of India (CRSI), University of Hyderabad, Hyderabad, India, from 5th to 7th September 2018.

- One Week Faculty Development Program on "BIG DATA ANALYTICS AND DEEP LEARNING", organized by Computer Science and Engineering Department in Collaboration with Computer Society of India (CSI), MJCET, Hyderabad, India, from 03-08, January 2018.

- Two Day National Workshop, Sponsored by UGC on "DESIGN AND ANALYSIS OF ALGORITHMS", organized by Kakatiya University, Warangal, Telangana, India, held on 29-30, December-2017.

- One Day International Seminar on "INNOVATION: KEY TO DEFINE NEXT...", organized by MPGSOE Nanded, Maharashtra, India, held on 25th March 2017.

- One day University level Workshop on "FINANCIAL EDUCATION AND DIGITAL CASH", Organized by the School of Computational Science, Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra, India, held on 2nd-February 2017.

- Three day National Level Workshop entitled as: "TEACHERS SKILL DEVELOPMENT FOR NEW COURSES IN TECHNOLOGY (CASE STUDY: ITO AND SECURITY), organized by School of Computational Science, Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra, India, and held on 20th-January-2017.

- One Day National Level Workshop on "Teachers Skill Development for New Courses in Technology (Case Study: IoT & Security)", School of Computational Sciences, SRTMU, Nanded, India, 20th January 2017.

- International Workshop on "Cloud Computing", conducted by Technology Systems in association with Robotics & Computer Applications Institute of USA, organized by School of Computational Sciences, SRTMU, Nanded, India, 19th to 20th September 2016.

PUBLICATIONS

- **Thoyazan Sultan Algaradi, B. Rama,** "Big Data Security: A Progress Study of Current User Authentication Schemes", published in iCATccT 2018 - 4th International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT - 2018), pp. 83-90, 978-1-5386-7705-6/18/$31.00 c2018, UGC & Scopus.

- **Thoyazan Sultan Algaradi, B. Rama,** "Static Knowledge-Based Authentication Mechanism for Hadoop Distributed Platform using Kerberos", published in International Journal on Advanced Science, Engineering and Information Technology (2019), Vol. 9(3), pp. 772-780, UGC & Scopus, ISSN: 20885334.

- **Thoyazan Sultan Algaradi, B. Rama,** "A novel blowfish based algorithm to improve encryption performance in Hadoop using MapReduce" published in International Journal of Scientific and Technology Research (2019), Vol. 8(11), pp. 2074-2081, UGC & Scopus, ISSN: 22778616.

- **Thoyazan Sultan Algaradi, B. Rama,** "A New Scheme to Improve Encryption/Decryption Performance on Big Data Environment Using MapReduce" accepted in Journal of Engineering Science and Technology (JESTEC) and scheduled to be published in October 2021, Volume 16, Issue.

- **Thoyazan Sultan Algaradi, B. Rama,** "An Authenticated Key Management Scheme for Securing Big Data Environment", accepted in the International Journal of Electrical and Computer Engineering (IJECE) and scheduled to be published in 2022.

HONOR CERTIFICATES

- **Rank Certificate** from SRTMU, Nanded, India for passing the M.Sc. (Computer Networking) examination in grade 'A', held in summer-2018, and stood 'First' in order of merit among all the successful candidates at the said examination.
- **Academic Excellence Certificate** from International Students Centre at SRTMU, Nanded, India, 2018.

SKILLS

- Quick learning (self-learning).
- Strong leadership in academic and managerial settings.
- Ability to work with a team to execute any project or plan.
- Skillful Arabic and English Typing.
- Great experience in computer programming.

VOLUNTEER ACTIVITIES

- The secretary-General of the Yemeni Students Union, Warangal, India.
- Coordinator of various forums and seminars.

LANGUAGES KNOWN

- **Arabic:** Native.
- **English:** Fluent.

Personal Information

Permanente Address : Alhawban, Taiz, Yemen.
Mobile: +967733110789 / +967734385901.
E-mail: yaz.sul77@gmail.com.
Nationality: Yemeni.
Gender : Male.
Marital Status: Married and father of two daughters.
Date of Birth: 12th September 1992.

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