Published Research for the Cybersecurity Department 2023

Name	Academic Title	Research Title	Journal Name
Dr. Auday Hashim AL-Wattar	assistant professor	Data Hiding Using DNA Segments	International Research Journal of Innovations in Engineering and Technology https://irjiet.com/common_src/article_file/1692262094_6cf1bd28e0_7_irjiet.pdf
Dr. Auday Hashim AL-Wattar	assistant professor	improving the Cryptanalysis of Block Cipher Using Artificial Intelligence Algorithms	International Research Journal of Innovations in Engineering and Technology https://irjiet.com/common_src/article_file/1680159608_680bcf793a_7_irjiet.pdf
Dr. Auday Hashim AL-Wattar	assistant professor	A New Proposed Public Key Cryptography Based on Bio Strands	Technium https://www.minarjournal.com/dergi/a-new-proposed-lightweight-cipher20240103015549.pdf

Dr. Auday Hashim AL-Wattar	assistant professor	A NEW PROPOSED LIGHTWEIGHT CIPHER	MINAR International Journal of Applied Sciences and Technology https://www.minarjournal.com/dergi/a-new-proposed-lightweight-cipher20240103015549.pdf
Dr. Riyadh Zaghlool Mahmood	assistant professor	Design and Implementation of High Precision Four Channels up to 100MHz Frequency Meter and Pulse Generator Using FPGA	Przegląd Elektrotechniczny https://pe.org.pl/articles/2023/9/15.pdf
Dr. Ahmed Sami Nori	assistant professor	A Secure Proof of Work to Enhance Scalability and Transaction Speed in Blockchain Technology for IoT	AIP Conference Proceedings https://doi.org/10.1063/5.0157213

Dr. Ahmed Sami Nori	assistant professor	A Survey: Lightweight Cryptography Study for Healthcare Devices and Applications Within the Internet of Things	Lecture Notes in Networks and Systems **https://link.springer.com/chapter/10.1007/978-981-19-2821-5_27**
Dr. Ahmed Sami Nori	assistant professor	Secure AI-Based Flying Ad Hoc Networks: Trusted Communication	Lecture Notes in Networks and Systems,
Dr. Nadia Maan Mohammed Thabit	assistant professor	UACA: Unified Access Control Approach For Heterogeneous Database Based-on Service Data Object	Technium **https://techniumscience.com/index.php/technium/article/view/8686**
Dr. Nadia Maan Mohammed Thabit	assistant professor	Adaptive Fault-Tolerance During Job Scheduling in Cloud Services Based on Swarm Intelligence and Apache Spark	INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING **https://www.ijisae.org/index.php/IJISAE/article/view/2597**
Dr. Sufyan Salim Mahmood	assistant professor	A LIGHTWEIGHT ENCRYPTION ALGORITHM TO SECURE IOT DEVICES	MINAR International Journal of Applied Sciences and Technology **https://www.minarjournal.com/dergi/a-lightweight-encryption-algorithm-to-secure-iot-**

			devices20230911104948.pdf
Zeyad Safaa Younus	Lecturer	Detect and Mitigate Cyberattacks Using SIEM	International Conference on Developments in eSystems Engineering (DeSE) (IEEE),
Zeyad Safaa Younus	Lecturer	A survey on network security monitoring: tools and functionalities	Mustansiriyah Journal of Pure and applied sciences **https://mjpas.uomustansiriyah.edu.iq/index.php/mjpas/article/view/33**
Sura Sabah Ibrahim Ahmed Al Sherifi	Assistant Lecturer	A Survey of Intrusion Detention System in Wireless Sensor Networks,	THE NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY INTERNATIONAL CONFERENCE FOR PURE AND APPLIED SCIENCES **https://doi.org/10.1063/5.0170520**