



# Mohammed Salih Ahmed

Lecturer

Computer Engineering Department

College of Computer Science and Information Technology

## Personal Data

Nationality | Indian

Department | Computer Engineering

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## Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	
English	✓	✓	✓

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
1994	Master of Technology	Cochin University of Science and Technology	India
1990	Bachelor of Technology	University of Kerala	India

## PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

Masters	Evaluation of Real Time Operating System Performance using QNX OS <i>[a Project work carried out at Indian Space Research Organization, ISRO, India]</i>



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Lecturer	Department of Computer Engineering, College of Computer Science & Information Technology, Imam Abdulrahman bin Faisal University	Al Dammam, Saudi Arabia	2012-till date
Lecturer	Department of Computer Engineering, College of Computer Science & Information Technology, King Faisal University.	Al Ahsa, Saudi Arabia	2005-2012
Lecturer	Department of Computer Science & Information Technology, Technical College.	Al Musana'a, Sultanate of Oman	1997-2005
Lecturer	Department of Computer Science, National College of Applied Sciences.	Trivandrum, Kerala, India	1996-1997

Scientific Achievements: Published Refereed Scientific Research

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Mohammed Imran Basheer Ahmed; Rim Ali; <b>Mohammed Salih Ahmed</b> ; Mousa Alrabeea; et al.	Intelligent Directional Survey Data Analysis to Improve Directional Data Acquisition	2023 April
2	Naseer Ahmed Sajid, Munir Ahmad, Atta-ur Rahman, Gohar Zaman, <b>Mohammed Salih Ahmed</b> , Nehad Ibrahim	A Novel Metadata Based Multi-Label Document Classification Technique.	2023 February
3	Mohammed Imran Basheer Ahmed; RimZaghdoud; Mohammed Al-Abdulqader; Abdullah Alshammari; Abdulaziz Noaman; <b>Mohammed Salih Ahmed</b> ; Rahaf Alshamrani	Ensemble Machine Learning Based Identification of Adult Epilepsy.	2023 February
4	Mohammed Imran Basheer Ahmed, Rim Zaghdoud, <b>Mohammed Salih Ahmed</b> , Razan Sendi, Atta Rahman	A Real-Time Computer Vision Based Approach to Detection and Classification of Traffic Incidents.	2023 January



5	Rahman, Atta & Musleh, Dhiaa & Bou Zain Edden, Majed & Alubaidan, Haya & Gollapalli, Mohammed & Krishna, Gomathi & Almoqbil, Dakheel & Khan, Mohammad Aftab & Farooqui, Mehwash <b>Ahmed, Mohammed.</b>	Assessment of Information Extraction Techniques, Models and Systems.	2022 June
6	Gollapalli, Mohammed, Atta-ur-Rahman, Musleh, Dhiaa Ibrahim, Sagheer, Atta, Muhammad-Aftab, Farooqui-Mehwash, <b>Ahmed, Mohammed Salih</b> , Mohammed-Imran-B. Almoqbil-Dakheel, Nabeel- Majd Omer.	A Neuro-Fuzzy Approach to Road Traffic Congestion Prediction.	2022 May
7	Syed Humaid Hasan, Syeda Huyam Hasan, <b>Mohammed Salih Ahmed</b> , Syed Hamid Hasan.	A Novel Cryptocurrency Prediction Method Using Optimum CNN.	2021 Nov
8	Fahd A. Alhaidari, Saleh A. Al-Dossary, Ilyas A. Salih, Abdulrahman M. Salem, Mohammed I. Ahmed, <b>Mohammed Salih Ahmed.</b>	Automatic Channel Detection Using DNN on 2D Seismic Data.	2020 Dec
9	Mehwash Farooqui, Hina Gull, Mahira Ilyas, Sardar Zafar Iqbal, Mohammad Aftab Alam Khan, Gomathi Krishna, <b>Mohammed Salih Ahmed.</b>	Improving Mental Healthcare Using a Human Centered Internet of Things Model and Embedding Homomorphic Encryption Scheme for Cloud Security.	2019 May

### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Sunday Olatunji, Mehwash Farooqui, Munirah Alsaeed, Rana Alqahtani, Fatimah Alqassab, Maria Alghamdi, , Mohammad Aftab Alam Khan, <b>Mohammed Salih Ahmed.</b>	Preemptive Diagnosis of Hepatitis C Using Machine Learning Techniques: A Retrospective Study in Saudi Arabia.	International Conference on Smart Computing and Application (ICSCA2023), February 5-6, 2023, University of Ha'il, KSA.

### Teaching Activities



## Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Mathematical Foundations for AI	MATH 403	3 hours theory
2	Robotics and Intelligent Systems	ARTI 407	3 hours theory + 2 hours lab
3	Electronics	CS 222	3 hours theory + 2 hours lab
4	Digital Hardware	CS 314	2 hours theory + 2 hours lab
5	Introduction to Computing	CS 211	2 hours theory + 2 hours lab
6	Communications & Network Fundamentals	CIS 315	2 hours theory + 2 hours lab
7	Fundamentals of Programming	CS 221	2 hours theory + 2 hours lab
8	Object Oriented Programming-1	CS 311	2 hours theory + 2 hours lab
9	Calculus	MATH 211	3 hours theory
10	Physics	PHYS 212	4 hours theory
11	Robotics and Intelligent Systems	ARTI 407	2 hours lab
12	Project Proposal	ARTI 511	2 hours lab
13	Project Implementation	ARTI 521	2 hours lab

## Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

#	From	To	Position	Organization
1	Oct 2019	till date	Member	Graduation Project Unit
2	Aug2022	Dec 2022	Coordinator	AI Project Proposal Course
1	Oct 2020	Dec 2020	Coordinator	AI COOP Committee
2	Oct 2020	Dec 2020	Member	AI Program Quality Unit
3	Oct 2019	Oct 2020	Member	Laboratory Committee
4	Oct 2019	Sep 2021	Member	Student Advising Unit
5	Oct 2019	June 2020	Member	CS Program Quality Unit
6	Feb 2019		Presenter- <i>Amaan</i>	Asia Int'l School/ <i>Community Service</i>
7	Jan 2016	June 2016	Member	Teaching and Learning Unit
8	Jan 2015	June 2015	Member	Lab Committee
9	Sep 2013	June 2014	Member	Library Committee

## Workshops/Conferences Attended



Year	Title
2023	Certificate of attendance on Development through Peer Observation of Teaching, <i>Deanship of Academic Development, IAU.</i>
2023	Certificate of attendance on Introduction to MS Power App, <i>Deanship of ICT, IAU.</i>
2022	Certificate of attendance on Achieving Cloud Data Security and Privacy in Zero Trust Environments, <i>Saudi Aramco Cybersecurity Chair, CCSIT, IAU</i>
2022	Certificate of attendance on CompTIA A+ for experts, <i>Deanship of ICT, IAU.</i>
2021	Certificate of attendance on Cyber Attacks and Defense in Organizations, <i>Saudi Aramco Cybersecurity Chair, CCSIT, IAU.</i>
2021	Certificate of attendance on Blockchain for Cyber Security Enabled IoT Applications, <i>Saudi Aramco Cybersecurity Chair, CCSIT, IAU</i>
2021	Certificate of attendance on Red Hat OpenShift I: Containers & Kubernetes, <i>Global Training Services, Red Hat.</i>
2019	Certificate on Advanced Teaching Strategies in Higher Education, <i>Deanship of Academic Development, IAU.</i>
2018	Certificate on Developing Core Competencies on Teaching & Learning, <i>Deanship of Academic Development, IAU.</i>

Last Update

30/05/2023