

## Academic Resume



**Manar Ali**

**Associate Professor, Computer Science Department**

### Contact Information.

Building 61, Room S103, Ext. 41923, Add. KAU-FCIT, mali@kau.edu.sa.

### Highest Degree.

2012, Ph.D. in Computer Science, Fault-Tolerant Long Running Transactions, University of Leicester, UK.

### Academic and Professional Experiences.

1. **2022 - 2023**  
Head of the FCIT Strategic Planning Unit, Faculty of Computing and Information Technology, KAU.
2. **2021 - Present**  
Associate Professor, Computer Science Department, King Abdulaziz University.
3. **2018 - 2021**  
Vice Director of the KAU E Portal Center, IT Deanship, KAU.
4. **2016 - 2018**  
Chairwoman Of Computer Science Department, FCIT, KAU.
5. **2014 - 2015**  
Consultant of Quality and Development, Jeddah, Saudi Electronic University.
6. **2012 - 2021**  
Assistant Professor, Computer Science Department, King Abdulaziz University.
7. **2003 - 2012**  
Lecturer, Computer science Department, King Abdulaziz University.

### Research Interests.

AI Algorithms for problem solving., Natural Language Processing., Crowd analysis., Machine Learning..

### Teaching Interests.

Database, Operating Systems, Research Methods, Software Engineering, IS Strategies.

### Certifications and Trainings.

1. Big Data Analytics, EMC2, Dubai..
2. Strategic Planning.

### Social, Scientific and Professional Affiliation.

1. 2014-, Member, Saudi Society for Quality.

## Publications.

1. Salma Kammoun Jarraya, Maha Hamdan Alotibi, Manar Salamah Ali, "A Deep-Cnn Crowd Counting Model For Enforcing Social Distancing During Covid19 Pandemic: Application To Saudi Arabia???S Public Places", Computers, Materials & Continua, vol: 66, pp. 1315-1328, 2021.  
DOI: [10.32604/cmc.2020.013522](https://doi.org/10.32604/cmc.2020.013522)
2. Manar Salamah Ali, "An Acm\Ieee And Abet Compliant Curriculum And Accreditation Management Framework", International Journal Of Computer Science And Network Security, 2020.
3. Manar Salamah Ali, "Management Of Academic Workload Allocation Using Multi-Objective Genetic Algorithm", International Journal Of Computer Science And Network Security, 2020.
4. Manar Salamah Ali, Maha Saud Alarifi, Raneem Yasser Gharbi, "Design Of An Adaptive Crowd Management Detector System For Massive Events", Solid State Technology, 2020.
5. Manar Salamah Ali, Anfal Alatawi, Bayader Alsahafi, Najwa Noorwali, "Ques: A Quality Estimation System Of Arabic To English Translation", International Journal Of Advanced Computer Science And Applications, vol: 11, 2020.  
DOI: [10.14569/IJACSA.2020.0110732](https://doi.org/10.14569/IJACSA.2020.0110732)
6. Salma Kammoun Jarraya, Wafa Saad Al-Shehri, Manar Salamah Ali, "Deep Multi-Layer Perceptron-Based Obstacle Classification Method From Partial Visual Information: Application To The Assistance Of Visually Impaired People", Ieee Access, vol: 8, pp. 26612-26622, 2020.  
DOI: [10.1109/ACCESS.2020.2970979](https://doi.org/10.1109/ACCESS.2020.2970979)
7. Maha Hamdan Alotibi, Salma Kammoun Jarraya, Manar Salamah Ali, Kawthar Moria, "Cnn-Based Crowd Counting Through Iot: Application For Saudi Public Places", Procedia Computer Science, vol: 163, pp. 134-144, 2019.  
DOI: [10.1016/j.procs.2019.12.095](https://doi.org/10.1016/j.procs.2019.12.095)
8. Mona Saleh Alzahrani, Salma Kammoun Jarraya, Han??ne Ben-Abdallah, Manar Salamah Ali, "Comprehensive Evaluation Of Skeleton Features-Based Fall Detection From Microsoft Kinect V2", Signal, Image And Video Processing, 2019.  
DOI: [10.1007/s11760-019-01490-9](https://doi.org/10.1007/s11760-019-01490-9)
9. Wafa Saad Al-shehri, Salma Kammoun Jarraya, Manar Salama Ali, "Vision-Based Distance Estimation Method Using Single Camera: Application To The Assistance Of Visually Impaired People", vol: 111, pp. 679-686, 2018.  
DOI: [10.1007/978-3-030-03577-8\\_74](https://doi.org/10.1007/978-3-030-03577-8_74)
10. Mona Saleh Alzahrani, Salma Kammoun Jarraya, Manar Salamah Ali, Han??ne Ben-Abdallah, "Watchful-Eye: A 3d Skeleton-Based System For Fall Detection Of Physically-Disabled Cane Users", vol: 247, pp. 107-116, 2018.  
DOI: [10.1007/978-3-319-98551-0\\_13](https://doi.org/10.1007/978-3-319-98551-0_13)
11. Mona Saleh Alzahrani, Salma Kammoun Jarraya, Manar Ali Salamah, Hanene Ben-Abdallah, "Fallfree: Multiple Fall Scenario Dataset Of Cane Users For Monitoring Applications Using Kinect", 2017 13th International Conference On Signal-Image Technology & Internet-Based Systems (Sitis), pp. 327-333, 2017.  
DOI: [10.1109/SITIS.2017.61](https://doi.org/10.1109/SITIS.2017.61)
12. Stephan Reiff-Marganiec, Manar S. Ali, "Maintaining Transactional Integrity In Long Running Workflow Services: A Policy Driven Framework", 2013.
13. Manar S. Ali, Stephan Reiff-Marganiec, "Autonomous Failure-Handling Mechanism For Wf Long Running Transactions", Ieee International Conference On Services Computing (Scc), Pp. 562-569, 2012.