



Ali Jasim Ramadhan Alaameri

علي جاسم رمضان كمر العامري

Professor

PROFILE

Ali is a Professor at the University of AlKafeel. He holds a BSc in Electrical Engineering, an MSc in Electronics and Communications Engineering, and a PhD in Information Technology Engineering. He previously served as Vice Head and Head of the Computer Engineering Department; Vice Dean and Dean of the Faculty of Engineering. He is passionate about advancing academic excellence and fostering interdisciplinary collaboration within engineering and IT fields.

ACADEMIC TITLES

2015-02-21	Assistant Lecturer
2018-03-14	Lecturer
2021-03-14	Assistant Professor
2026-07-23	Professor

TEACHING EXPERIENCE

Lecturer
University of Alkafeel
2011-11 - Present

COURSES

- Project (CET4205)
- Digital Fundamentals (CET1101)
- Electrical Engineering Fundamentals (CET1102)
- Mathematics I (CET1103)
- Engineering Drawing (CET1104)
- Engineering Workshops (CET1105)
- Digital Systems (CET1201)
- Electrical Circuits (CET1202)
- Programming Essentials (CET1203)
- Mathematics II (CET1204)
- Computer Principles (MTU1004)
- Engineering Mathematics (CET2101)
- Object Oriented Programming (CET2102)
- Computer Organization and Applications (CET2103)
- Electronic Fundamentals (CET2104)
- Communication Fundamentals (CET2105)
- Advanced Engineering Mathematics (CET2201)
- Microprocessors (CET2203)
- Analog Communications (CET2204)

CONTACT

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EDUCATION

- بكلوريوس (02-07-2011)
Electrical Engineering
University of Kufa
- ماجستير (18-01-2015)
Electronics and Communications Engineering
University of Babylon
- دكتوراه (15-06-2025)
Information Technology Engineering (Communications)
QOM International State University

RESEARCH METRICS

h-index (Scopus)	7
h-index (GS)	8
Citations (Scopus)	295
Citations (GS)	399
Documents (Scopus)	21
Documents (GS)	24

PATENTS

- Remote Patients Monitoring / Diagnostic System in Real Time Based on E-health / I-health and WSN
- The Third Smart Eye for The Blind

RESEARCH INTERESTS

- Computer
- Information Technology
- Communications
- Artificial Intelligence - AI
- Cybersecurity
- Electronics
- Renewable Energy
- Control



- Electronic Circuits (CET2205)
- Instrumentation and Measurement (CET2206)
- Operating Systems (CET3101)
- Control Engineering Fundamentals (CET3102)
- Digital Signal Processing (CET3103)
- Digital Controllers (CET3104)
- Digital Communications (CET3105)
- Real Time Systems (CET3106)
- Advanced Control Systems (CET3201)
- Computer Network Fundamentals (CET3202)
- Engineering Analysis (CET3204)
- Data Communications (CET3205)
- Digital Image Processing (CET3206)
- Information Theory and coding (CET4101)
- Computer Networks Protocols (CET4102)
- Mobile Communications (CET4103)
- Engineering Management (CET4104)
- Artificial Intelligence (CET4105)
- Professional Ethics (MTU1008)
- Fiber Optics Communication (CET4201)
- Advanced Computer Technology (CET4202)
- Network Security and Cybersecurity (CET4203)
- Wireless Sensor Network (CET4207)

ADMINISTRATIVE POSITIONS

2026-04-19 - Present	Dean of the Faculty of Engineering
2021-06-26 - 2026-04-18	Vice Dean of the College of Engineering
2019-09-21 - 2021-06-25	Head of the Computer Engineering Department
2017-09-01 - 2019-09-20	Vice Head of the Computer Engineering Department

INTERNATIONAL MEMBERSHIPS

- IEEE Senior Member

PUBLICATIONS (3 2)

1. **Unified Performance Assessment of OFDM, FBMC, F-OFDM, GFDM and UFMC Waveforms**
Mas Journal of Applied Sciences | 2026
2. **The 6th International Scientific Conference of Alkafeel University (ISCKU)**
2026
3. **Acute Lymphoblastic Leukemia Classification Using Modified VGG16 Architecture**
Iraqi Journal of Science, 5159-5167, 2025 | 2025 | Cited: 1
4. **Robust multi-state EEG cognitive classification via optimized time-domain features and CatBoost**
International Journal of Robotics and Control Systems 5 (2), 968-989, 2025 | 2025 | Cited: 9
5. **The mimo-otfs technique in the next 6g communications**
Engineering Access 10 (2), 166-180, 2024 | 2024 | Cited: 3

6. **Diagnosing Alzheimer's Disease Severity: A Comparative Study of Deep Learning Algorithms**
BIO Web of Conferences | 2024 | Cited: 5
7. **Localizing the Thickness of Cortical Regions to Descriptor the Vital Factors for Alzheimer's Disease Using UNET Deep Learning**
BIO Web of Conferences | 2024 | Cited: 3
8. **Microservices Boundary Determination Migration in DevOps: a Case Study**
Bio Web of Conferences | 2024
9. **Enhancing COVID-19 Forecasting in Dagestan with Quasi-linear Recurrence Equations by using GLDM Algorithm**
Al-Bahir Journal for Engineering and Pure Sciences 5 (2), 5, 2024 | 2024
10. **Design of a new sorting colors system based on PLC, TIA portal, and factory I/O programs**
Open Engineering 14 (1), 1-7, 2024 | 2024 | Cited: 15
11. **Exploring the Identification of Autoregression Model by General Least Deviation Method**
AL-BAHIR JOURNAL FOR ENGINEERING AND PURE SCIENCES 5 (2), 119-126, 2024 | 2024 | Cited: 1
12. **Fractographic Analysis**
Trans Tech Publications Ltd, 2023 | 2023
13. **Functional Materials, Their Utilisation and Protection**
Trans Tech Publications Ltd, 2023 | 2023
14. **Modern Production and Applied Engineering Research**
Trans Tech Publications Ltd, 2023 | 2023
15. **Functional and Structural Materials: Synthesis, Structure, Properties**
2023
16. **The 4th International Scientific Conference of Alkafeel University**
Trans Tech Publications Ltd, 2023 | 2023
17. **Properties and Processing of Materials**
2023
18. **Computational Materials Science and Digital Manufacturing**
Trans Tech Publications Ltd, 2023 | 2023
19. **Overview and Comparison of Candidate 5G Waveforms: FBMC, UFMC and F-OFDM**
International Journal of Computer Network and Information Security | 2022 | Cited: 41
20. **Design of dual-axis solar tracking system with integrated cleaning system: Case study of Najaf city, Iraq**
AIP Conference Proceedings 2386, 050001-1 : 050001-17, 2022 | 2022 | Cited: 5
21. **Secure Slicing and Allocation of Resources of 5G Networks In Software-Defined Networking / Network Functions Virtualization**
IJUM Engineering Journal 23 (2), 85-103, 2022 | 2022 | Cited: 3
22. **Smart glasshouse system supported by global system for mobile communications and internet of THINGS: CASE STUDY: TOMATO PLANT**
Journal of Engineering Science and Technology | 2020 | Cited: 8
23. **Smart Water-Quality Monitoring System based on Enabled Real-Time Internet of Things**
Journal of Engineering Science and Technology 15 (6), 3514 - 3527, 2020 | 2020 | Cited: 68
24. **Implementation of a 5G Filtered-OFDM Waveform Candidate**
International Journal of Engineering Research and Technology 12 (4), 500-507, 2019 | 2019 | Cited: 14
25. **Overview and Implementation of the Two Most Important Candidate 5G Waveforms**
Journal of Theoretical and Applied Information Technology 97 (9), 2551-2560, 2019 | 2019 | Cited: 11
26. **Wearable smart system for visually impaired people**
sensors 18 (3), 843, 2018 | 2018 | Cited: 183
27. **Mesh Network of eHealth Intelligent Agents in Smart City: A Case Study on Assistive Devices for Visually Impaired People**
IDDM 2255, 65-81, 2018 | 2018 | Cited: 8
28. **The Third Smart Eye for The Blind**
2018

29. **Implementation of 5G FBMC PHYDYAS prototype filter**
International Journal of Applied Engineering Research 12 (23), 13476-13481, 2017 | 2017 | Cited: 29
30. **Remote Patients Monitoring / Diagnostic System in Real Time Based on E-health / I-health and WSN**
2016
31. **A New Healthcare System Supported by GSM and Internet**
European Journal of Scientific Research 129 (4), 472-486, 2015 | 2015
32. **Remote Patients Monitoring / Diagnostic System in Real Time Based on E-health / I-health and WSN**
2014