



Sajithunisa Hussain Khader Syed

Lecturer in Computer Science

Personal Data

Nationality | Indian

Department | Computer Science

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Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	
English	✓	✓	✓
Others	✓	✓	✓

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2008	MSc (Master of Science) (Computer Science & Technology)	India	THIRUVALLUVAR UNIVERSITY
2009	MPhil (Master of Philosophy) (Computer science)	India	PRIST UNIVERSITY

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

Master	University Rank Holder in (Master's Degree) Title - A design on Online Examination System using Visual Basic 6.0
PhD(continuing)	Under research in the Field of Machine Learning and Data mining



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date	
Lecturer	Imam AbdulRahman Bin Faisal University, Applied college	Saudi Arabia	21- 10 -2015 -- Till Date
Lecturer	Madras University , Vaishnav College	India	June -2014 to Aug 2015
Lecturer	Madras University , Mohammed Sathak College		July – 2011 to June -2012
Lecturer	Anna University , C.Abdul Hakeem Engineering College		November 2009 to June 2011
Lecturer	Thiruvalluvar University , ASMWC college.		Feb -2009 – November 2009
Lecturer	M.G.R University		June 2008 - Dec 2008

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Duration
Member in Curricular and extracurricular activities committee	2024-2025
Member in exam committee	2024-2025
Member in Program curriculum committee	2024-2025
Member in Annual Program report committee	2019- current year
Students Mentor in Academic Advising	September 2017 – Till date
Member in New Program Development Committee	2019- 2020

Current Researches:

#	Research Title	Journal or conference	Published
1	Comparative Study of Communication Protocols for Vehicle-Based Networks	International Conference on Technological Advancements in Computational Sciences (ICTACS)	Jan 2025
2	Analysis of Book User Ratings and Publication Trends in the Publication Industry using ML Models	International Conference on Technological Advancements in Computational Sciences Ictacs2024,	Jan 2025



3	Advanced Architectures and Management Strategies for Energy Efficiency in IoT Systems	International Conference on Technological Advancements in Computational Sciences Ictacs2024	Jan 2025
4	Predicting Early Possibilities of Breast Cancer Detection Using Machine Learning Techniques	International Conference on System Modeling and Advancement in Research Trends Smart 2024	Feb 2025
5	Enhancing Smart Home Automation with Arduino and Artificial Intelligence	International Conference on System Modeling and Advancement in Research Trends Smart 2024	Feb 2025
6	Comparative Analysis of Multilingual and Cross-Lingual Models for Aspect-Based Sentiment Analysis	International Conference on System Modeling and Advancement in Research Trends Smart 2024	Feb 2025
7	A deep learning approach for evaluating the efficacy and accuracy of Pose Net for posture detection (Q2 Journal)	International Journal of System Assurance Engineering and Management	Sept - 2024
8	A Review of Gamification under Various Users, Fields & Applications.	International Journal of Engineering Trends and Technology	January 2023
9	Enhancing Safety and Independence: A Smart Switch Solution for Elderly Individuals Living Independently	2023 12th International Conference on System Modeling & Advancement in Research Trends (SMART)	February 2024
10	Design and Implementation of an IoT-Based Smart Irrigation System for Optimized Water Management in Wheat Cultivation	2023 12th International Conference on System Modeling & Advancement in Research Trends (SMART)	February 2024
11	Integrated IoT and Block chain for secured access and managing education data	3rd International Conference on "Intelligent Computing, Instrumentation and Control Technologies (ICICT-2022)"	February 2023
12	Machine learning methods of industrial automation system in manufacturing and control sector using joystick with and robotic technology	11th IEEE International Conference on System Modeling & Advancement on Research Trends	October 2022



Membership of Scientific and Professional Societies and Organizations:

- International Association of Engineers and computer Scientist
- American Indigenous Research Association
- Google Scholar

Teaching Activities

Bachelor Level in Imam Abdul Rahman Bin faisal University :

#	Course/Rotation Title	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Bachelors Computer science Department	Lectures – 2 Lab - 1

Brief Description of Diploma Courses Taught: (Course Title – Code: Description)

	Computer department
1	Data Structures
2	Software engineering
3	Field Training for students

Diploma Level in Imam Abdul Rahman Bin faisal University :

#	Course/Rotation Title	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Diploma in Computer science Department	Lectures – 15 + Lab Programs - 13 +

Brief Description of Diploma Courses Taught: (Course Title – Code: Description)

	Networking and communications department
1	Fundamentals of networks
2	Network security
3	System Administration
4	System Configuration
5	Routing and Switching essentials
6	Information security
	Database and web development department
1	Client-side scripting
2	Server-side scripting with SQL
3	Database concepts
4	Data Mining
5	Knowledge Engineering
	Others
1	Human computer Interaction
2	Computer Skills –office 365
3	Computer Applications overview
4	Information Technology Fundamentals



Bachelor level in previous experience:

#	Course/Rotation Title	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Bachelor in Computer science & computer Applications	Lectures – 9 + Lab Programs - 7 +

Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Data Structures (currently in IAU)
2	Operating Systems
3	Database management System
4	E commerce
5	Computer organization & Architecture
6	Object oriented Design
7	Programming in Visual Basic

Post-graduate level in previous experience:

#	Course/Rotation Title	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Master of Computer Application & Information Technology	Lectures – 6 Lab Programs - 5

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description.)

1	Network Security
3	Data Mining & Warehousing
4	Programming in java
5	Software Engineering
6	Database management System

Course Coordination

(Regarding titles refer above)

#	Course Title and Code	Coordination	Co- coordination	Diploma	Undergrad.	Postgrad.	From	to
1	Computer Theory papers	✓		15	9	6	2008	Till date
2	LAB papers	✓		13	7	5	2008	2018
3	Handled Projects		☒	5	1	1	2014	2018



Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1	Guided Diploma projects	Totally 30 students	2017	and 2019
2	Guided Post graduate Projects	Totally 20 students	2009	2011
3	Guided Undergraduate Projects	Totally 30 Students	2011	2015
4	Academic Supervisor	Discussing the Personal and academic Issues of students and making solutions	2014	2015

Administrative Responsibilities, Committee and Community Service

(Beginning with the most recent)

Activities Conducted - Community Service:

#	Date	Place	Title
1	May -2025	Dammam Applied college , IAU	Awareness for students to Enhance their career with certifications
2	2024	Dammam Applied college, IAU	Awareness booth for students to enroll IAU- UDQUEST platform
3	19/3/2019	Dammam Community College, Imam Abdulrahman Bin Faisal University	Discovering the new concepts in Knowledge Engineering
4	18/11/2018	Dammam Community College, Imam Abdulrahman Bin Faisal University	Exhibition on designing the Interface using Human Computer Interaction
5	25/4/2018	Dammam Community College, Imam Abdulrahman Bin Faisal University	Exhibition on Graduation Project II
6	29/3/2018	Dammam Community College, Imam Abdulrahman Bin Faisal University	New trends in Technologies of Information Security
7	28/11/2017	Dammam Community College, Imam Abdulrahman Bin Faisal University	Activity on new trends in Technologies and Interface of Human computer interaction

Workshops Conducted - Community Service :

7	6/02/2020	Dammam Community College, Imam Abdulrahman Bin Faisal University	Workshop on Programming Application (Flutter)
8	20/11/2018	Dammam Community College, Imam Abdulrahman Bin Faisal University	Recent technologies emerging in the field of Human Computer Interaction
9	23/11/2017	Dammam Community College, Imam Abdulrahman Bin Faisal University	Making survey electronically for the research using google suite



10	18 /4/2017	Dammam Community College, Imam Abdulrahman Bin Faisal University	Making Lectures attractive using Power point 2016
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Workshop Attended :

#	Date	Title	Place
1	Jan 2025	Portfolio Blackboard	
2	May 2025	Core competencies for specially abled students.	
3	25-9-2024	Quality Electronic System: "Jaudah"	Online , IAU
4	25-9-2024	Outcome-based education	Online , IAU
5	1-10-2024	Building Researcher's Connections for Research Visibility and Advancement	Online , IAU
6	1-10-2024	Summon: Web discovery tool	Online , IAU
7	2-10-2024	Launch ceremony cohort	Online , IAU
8	9-9-2024	"Unlocking a Promising Future: Integrating Blockchain Technology and FL-IoT in the Journey to 6G"	Online , IAU
9	9/3/2023	Flipped classroom	Webinar , IAU
10	15/3/2023	The Pursuit of Excellence in Mentoring in Higher Education	Online , IAU
11	14/3/2023	Advanced search in electronic books	Online , IAU
12	18/10/2022	Effective Formative Assessment 10 Techniques for the Classroom	Online , IAU
13	19/8/2020	Development through peer observation teaching	Zoom – online
14	12/4/2020	Procedures for Electronic final exams and blueprints	Zoom-Online
15	3/3/2020	Online lecturing on Blackboard	Dammam community college
16	30/3/2020	How to prepare Course Specification (Online session)	Zoom – online
17	18/3/2020	How to upload the questions using the Question mark	Zoom-Online
18	Feb- 2020	How to prepare Course Specification	Dammam community college
19	28/8/2019	First day of class- Get ready	University of Imam Abdul Rahman bin faisal , Rakkah
20	22/8/2019	Promoting Deep learning : SOLO Taxonomy	University of Imam Abdul Rahman bin faisal , Rakkah
21	27/8/2018	Building faculty self-efficacy	University of Imam Abdul Rahman bin faisal , Rakkah
22	27/9/2018	The first Workshop on Community service unit	Community college , Dammam
23	18/10/2018	Exploring challenges in building mobile and android application-Part 1	Community college , Dammam
24	25/10/2018	Exploring challenges in building mobile and android application-Part 2	Community college , Dammam
25	28/10/2018	Workshop on Exam Analysis	Community college , Dammam



26	30/10/2018	CONVERIS system and registration on different platforms related to scientific research –Part 1	Community college , Dammam
27	26/4/2018	Writing Systematic Literature review	Imam Abdulrahman Bin Faisal University , Rakkah
28	18/4/2018	workshop about " self-study	Dammam Community College
29	April 2018	How to make use of Funding Research Projects	Dammam Community College
30	12/9/2017	Using and Creating effective Rubrics	Imam Abdulrahman Bin Faisal University , Rakkah
31	14/9/2017	Assessing the 21 st century Soft Skills	Imam Abdulrahman Bin Faisal University, Rakkah
32	Oct /2017	Mining Student data for Prediction and student support	Dammam Community College
33	17/10/2017	Writing an Effective Research Proposal	Imam Abdulrahman Bin Faisal University, Rakkah
34	24/10/2017	Presentation On CISCO Certifications	Dammam Community College
35	9/11/2017	Accessing Institutional Repository in Library	Dammam Community College
36	9/11/2017	Course Blueprint & Exam Blueprint Workshop	Dammam Community College

37	22/2/2018	Effective Use Of E-Books	Dammam Community College
38	8/3/2018	Self-study report Preparation	Dammam Community College
39	20/3/2018	The Survey for measuring the progress of the members in scientific research	Dammam Community College
40	April - 2017	How to Present Lesson Plan	Imam Abdulrahman Bin Faisal University
41	7-Mar-2017	Making Presentation Program using PREZI	Dammam Community College
42	19-Feb-2017	Making Research Connections	Imam Abdulrahman Bin Faisal University
43	22-Jan-2017	Operating Data on Microsoft Excel 2016	Dammam Community College
44	17-Nov-2016	Topic on how to create Blueprint	Imam Abdulrahman Bin Faisal University
45	Oct -2016	Topic on QASD (Quality assurance system Dashboard)	Imam Abdulrahman Bin Faisal University
46	1-Dec-2015	Integrating Leadership Skills in Academic Curriculum	Qatif Community College
47	26-Nov-2015	Alignment of Learning Outcomes and Assessment to increase the validity of test.	Qatif Community College
48	10-Nov-2015	Action Research in Teaching and Assessment	Qatif Community College



Committee

#	From	To	Position	Organization
1	Jan 2025	June 2025	Exam records Committee	Imam Abdul Rahman Bin Faisal University
2	Aug 2024	Dec 2024	Program accreditation committee	
3	2019	2022	Annual program report	Imam Abdul Rahman Bin Faisal University
4	2017	Till date	Academic Advising for Students	Imam Abdul Rahman Bin Faisal University
5	2019	2019	New Program development Committee	Imam Abdul Rahman Bin Faisal University
6	2016	2017	LRSC (Learning Resource Student Committee)	Imam Abdulrahman Bin Faisal University
7	2017	2017	QASD (Quality Assurance system Dashboard)	Imam Abdulrahman Bin Faisal University
8	2015	2016	NCAAA (Quality department)	Imam Abdulrahman Bin Faisal University
9	2015	2016	Library Committee	Imam Abdulrahman Bin Faisal University

Administrative Responsibilities in previous experience .

#	From	To	Position	Organization
1	2014	2015	Admission Committee	Vaishnava college, Madras University, India
2	2011	2012	Students Placement Committee	Mohammed Sathak college, Madras University, India
3	2009	2010	LAB Compliance Committee	C. Abdul hakeem college of engineering ,Anna University, India

Committee Membership Volunteer Work

#	From	To	Type of Volunteer	Organization
	2020	Current year	Encouraged students to conduct peer learning	Imam Abdul Rahman bin faisal university
1	2010	2011	Conducted Tutorial special classes for Weak Students	C. Abdul hakeem college of engineering Anna University, India
2	2014	2015	Mentor to Students	Vaishnava college, Madras University, India

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Enrolled in active participations on updated courses in the field of Networking, Web and Database.
2	Showing Special attentions to weak Learners.
3	Ability to mentor students in troubleshooting technical issues
4	Ability in supporting Graduation Projects under the field of web-based design

Last Update

17/8/2025

Sajithunisa Hussain

