

Curriculum Vitae

Personal Information :-

Name Dr. Amal Ali Al Mousa	Nationality Saudi	Job Assistant Professor
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Address King Saud university - College of Science-Botany and Microbiology		

Qualifications and Degrees:-

S.N	qualification	Date of qualification	University	College	Specialization
1	PHD degree	1435/1436 H	King Saud university	Collage of Science	Microbiology /Mycology (Fungal Biotechnology)
2	Successfully completed New Faculty Orientation and Preparation Programme King Saud University (2021-2022) - Staff and Educational Development Association (SEDA) Professional Development Named Award.				
3	A certified trainer license in the field of sustainable environment and public health / technical and vocational training corp(TVTC)				
4	International Consultant In Sustainability Applications				
5	Sustainable events management specialist according to the international standard ISO2012				

Research Interests:-

Main	Description
Environment	My research interests are in environmental waste management by microbes as smart sustainable tools for recycling raw waste and creating value for it.
Remarkable point	I have a research group about sustainable environmental research.

Theses topics:-

S.N	Name
Master Degree	Response of some wheat pathogenic fungi to chemical and biological control
PHD Degree	Production of citric acid by locally isolated <i>Aspergillus niger</i> using agricultural waste

Awards:

Award for excellence in scientific research 2021 in King Saud University

Published research:-

1	Cytotoxic Potential of <i>Alternaria tenuissima</i> AUMC14342 Mycoendophyte Extract: A Study Combined with LC-MS/MS Metabolic Profiling and Molecular Docking Simulation https://doi.org/10.3390/cimb44100344 (2022)
2	Resveratrol biosynthesis, optimization, induction, bio-transformation and bio-degradation in mycoendophytes. <i>Front. Microbiol.</i> 13:1010332. doi: 10.3389/fmicb.2022.1010332 (2022)
3	Harnessing <i>Mucor</i> spp. for Xylanase Production: Statistical Optimization in Submerged Fermentation Using Agro-Industrial Wastes. https://doi.org/10.1155/2022/3816010 (2022)
4	Response-Surface Statistical Optimization of Submerged Fermentation for Pectinase and Cellulase Production by <i>Mucor circinelloides</i> and <i>M. hiemalis</i> https://doi.org/10.3390/fermentation8050205 (2022)
5	Antimicrobial and cytotoxic potential of an endophytic fungus <i>Alternaria tenuissima</i> AUMC14342 isolated from <i>Artemisia judaica</i> L. growing in Saudi Arabia (2021) https://www.sciencedirect.com/science/article/pii/S1018364721001233?via%3Dihub
6	Chicken Feathers Waste Management by Microbial as a Sustainable and Tool Environmental Friendly, <i>Journal of Environmental Protection</i> , 2021, 12, 639-653 https://www.scirp.org/journal/jep (2021)
7	Citric Acid Fermentation by <i>Aspergillus niger</i> (2018) ISSN: 2349-2759 www.jipbs.com
8	https://www.ncbi.nlm.nih.gov/nuccore/MH368137.1?report=genbank&to=535
9	Evaluation of antifungal activity of vitavax and <i>Trichoderma viride</i> against two wheat root rot pathogens (2008) ISSN 1997 – 5902: www.biosciences.elewa.org
10	Characterization and antibacterial activity of raw cotton fabrics treated with date seed extract and silver nanoparticles (AgNPs); <i>Brazilian Journal of Biology</i> , 2023, vol. 83, e270217 https://doi.org/10.1590/1519-6984.270217
11	Anti-Staphylococcal, Anti-Candida, and Free-Radical Scavenging Potential of Soil Fungal Metabolites: A Study Supported by Phenolic Characterization and Molecular Docking Analysis, <i>Curr. Issues Mol. Biol.</i> 2024, 46, 221–243. https://doi.org/10.3390/cimb46010016

Training courses, seminars, lectures and workshops:-

S.N	Program	Date Of Program	Center
1	English Course	14/06/1999 To 12/07/1999	Alaratqaa Center - Riyadh
2	Microsoft Office 2000 Course (6 months)	12/01/2001 to 04/07/2001	Alaratqaa Center - Riyadh
3	Diction skills Course(25 hours)	22-26/10/2008	Alaratqaa Center - Riyadh
4	Get rid of the negative feelings techniques Course(15 hours)	30-02/10/2008	Shemool Center -Riyadh
5	Industry Success Course (25 hours)	29-4/11/2008	Shemool Center -Riyadh
6	Secrets of academic excellence Course	25-26/12/2008	Addax International Institute-

	(10 hours)		Riyadh
7	Workshop to develop academic programs and prepare for the adoption of academic	2009	Deanship of Quality King Saud University
8	Work shop for smart board	2009	King Saud University
9	Bridges System Course	05-07/04/2009	Deanship of skills development at King Saud University
10	Skills of Effective communication course(10 hours)	16-18/05/2009	Deanship of skills development at King Saud University
11	Multiple intelligences for developing creativity thinking (10 hours)	21/05/2009	Deanship of skills development at King Saud University
12	Learning based brainstorming Course (10 hours)	23-24/10/2009	Deanship of skills development at King Saud University
13	Preparatory program for recreating and lectures (3 months) Class	2011	Preparatory Year Deanship King Saud University
14	University teaching skills Course	18/02/2012	Deanship of skills development at King Saud University
15	Workshop about the performance of the best to prepare Botany and Microbiology Department (6 hours)	27-28/08/2012	King Saud University
16	Creative Teaching Skills course	29/08/2013	Deanship of skills development at King Saud University
17	Scientific research concepts and mechanisms course (8 hours)	01/09/2013	Deanship of skills development at King Saud University
18	Student learning Support Course	02/09/2013	Deanship of skills development at King Saud University
19	Participation in the sixth day research for year 1435/1436 H	16-17/12/2014	Scientific and medical studies research center King Saud University
20	Ethics of university teaching profession (5 hours)	20/01/2016	Deanship of skills development at King Saud University
21	Umpire of the 7 th Scientific Meting	10/04/2016	King Saud University
22	Samples Selection (25 hours)	04-08 /12/2016	Education Evaluation Commission
23	New Faculty Program (10 th Constitutive session)	2017	King Saud University
24	Train The Trainers (TOT) (59 hours)	13/08/2017 (12 Days)	Izdehar Center For Training
25	Teaching Assessment Methods (5 hours)	02/10/2017	Deanship of skills development at King Saud University
26	Good Practices In University Teaching (5 hours)	03/10/2017	Deanship of skills development at King Saud University
27	Course Development (5 hours)	05/10/2017	Deanship of skills development at King Saud University
28	Umpire of the Science Posters	19-2-/11/2017	College Of Science King Saud University
29	Umpire of the 8 th Scientific Meting	2018	King Saud University

30	Umpire in Infographic Competition in the Botany & Microbiology Department	Second Semester 2018	College Of Science King Saud University
31	Preparing and Delivering a Workshop on the Basics and Skills of Academic Scientific Posters	12/02/2018 02/04/2018	College Of Science King Saud University
32	Life Coaching (20 hours)	06-09/11/2018 (4 Days)	Genius Making Center For Training
33	Outcomes Based Learning (5 hours)	26/11/2018	Deanship of skills development at King Saud University
34			
35	Continuous Improvement System (Kaizen) (10 hours)	03-04/12/2018 (2 Days)	Deanship of skills development at King Saud University
36	Computer Graphics(Info graphics) (6 hours)	05/12/2018	Deanship of skills development at King Saud University
37	Lecture on The an Hour of Self-Reconciliation (1 hour)	11/02/2019	Deanship of Library Affairs at King Saud University
38	Scientific Publishing In International Journals (4 hours)	26/02/2019	Deanship of skills development at King Saud University
39	Change Leadership & Management (10 hours)	17-18/03/2019	Saudi Society for Quality
40	Applications about using Web 2.0 education (4 hours)	04/04/2019	Deanship of skills development at King Saud University
41	Quality in Education	16/04/2019	Education & Training Evaluation Commission
42	Internal Audit of the Quality Management System 9001-2015(10 hours)	01-02/07/2019	Saudi Society for Quality
43	Introduction to Modern Artificial Intelligence (2 hours)	23/08/2019	Droob
44	Quality 4.0 incentive to lead ambitious transformation programs	16/09/2019	The Ministry of Health's Assistance Agency for Planning and Institutional Excellence
45	Nobel Nuclear Power Program (10 hours)	29-30/11/2019	Energy Science Intuition
46	Scientific Research In Machine Learning (4 hours)	09/12/2019	Deanship of skills development at King Saud University
47	Internal Audit Basics (40 hours)	01-12/12/2019	The Saudi Institute of Internal Auditors
48	Education about the Requirements Quality System ISO 9001-2015 (18 hours)	23-25/12/2019 (3 Days)	Saudi Society for Quality
49	Professionalism In Streamlining Working Procedures (10 hours)	20-21/01/2020 (2 Days)	Saudi Society for Quality
50	The Role of Leaders of Saudi Universities in Promoting the National Identity (workshop)	02/02/2020	Shaqra University
51	Introduction to Internal Evaluation in Accordance with the National Institutional Model	08-09/04/2020	King Abdulaziz Quality Award
52	The Importance of the Audit Committee in Companies and the Most Prominent Difficulties and Challenges it Faces	09/05/2020	The Saudi Institute of Internal Auditors

53	Training Program of The United Nations Global Compact Program and its Tools for Aligning Business Sustainability With The Social Responsibility Within Events of The 2020 International Annual Summit of Leading CSR Institution (9 hours)	11/07/2020	Regional Network For Social Responsibility
54	Sustainable Event Management Specialist According to the International Standard (ISO20121) (15 hours)	06-08/08/2020	Regional Network For Social Responsibility
55	Cyber security Basics (3 hours)	15/09/2020	Deanship of skills development at King Saud University
56	How to Motivate Students to discussion (Scientifically) (2 hours)	12/10/2020	Deanship of skills development at King Saud University
57	Measuring Programs Learning Outcomes & Courses (6 hours)	20-21/10/2020 (2 Days)	Deanship of skills development at King Saud University
58	Prepare Programs To Visit Academic Accreditation (3 hours)	28/10/2020	Deanship of skills development at King Saud University
59	Benchmarking & Key Performance Indicators of the University(3 hours)	12/11/2020	Deanship of skills development at King Saud University
60	The Training Program of International Consult in Sustainability Applications (20 hours)	12-14/11/2020 (3 Days)	Regional Network For Social Responsibility
61	proposal arbitrator (M.S.c ,Phd)	1438- to date	Botany and Microbiology Department
62	A workshop was held "Academic Poster"	9/03/2022	College Of Science King Saud University
63	Cloud computing and its application in education	03-03-2024	Deanship of skills development at King Saud University

Conferences:

Conference Name	Date Of Conferences	Center
Faculty member performance evaluation conference in light of modern national and international trends	20-21/01/2019	Qassim University
Microbiology and Public Health Conference	27-28/09/2019	Ministry of Health
First International Conference on Natural Resource Sustainability Sustainable solid waste management	05—06 /11/2019	Qassim University
The first Saudi forum for biosecurity and safety	07 /11/2019	King Saud University
The annual forum of the International Day of Quality	13-14/11/2019	Saudi Standards, Metrology and Quality Organization
International Conference on National Identity in Light of the Kingdom of	02-03/02/2020	Shaqra University

Saudi Arabia Vision 2030		
Makkah Al-Mukarramah International Conference on Sustainable Development and Environmental Health	18-20/02/2020	The Holy Capital Municipality
The first virtual advisory forum in crisis management	06-08/04/2020	Umm AL-Qura University
Participation in 2 academic posters in the Antibiotics Conference in London 2020	16-17/04/2020	London
2020 Annual International Summit of Leading Institutions in Community Responsibility (Private Sector Between Business Sustainability Challenges and Social Responsibilities)	11/07/2020	Regional Network For Social Responsibility
Participation in oral Poster" entitled "Sustainable green energy" In the competition: How does your Major Contribute to the National Vision.	3-4/02/ 2021	Saudi Electronic University
Participation in oral poster in the 2022 AUA Academic Conference on Sustainable Energy and Green Technology .	21-23 /02/2022	Asian Universities Alliance
International Virtual Conference of Biotechnology Research Center	26-27 /07/ 2022	Al-Nahrain University

Membership in Saudi societies

Member of the Saudi Forum for Green Buildings
Member of the Saudi Association for Voluntary Work
Member of the Saudi Society for Quality
Member of the The Saudi Institute of Internal Auditors
Member of the Saudi Society for Life Sciences
Member of the Scientific Research Association
Member of the Regional Network For Social Responsibility
Member of the one planet work

Committees in KSU:

Procurement Committee	Former Chair (3 years)
Development and Quality Committee	Former member (4 years)
Faculty Recruitment and Recruitment Committee	Former member(2 years)

Postgraduate Academic Accreditation Committee	Chair of Committee(4 years) Former
A working group to follow up the strategic plan of the College of Science	Former member(2 years)
Member of the Committee to prepare a report on the achievements of the College of Research Sciences	Former member(2 years)
Member of the partnership committee	Active member
Member of the Graduate Studies Committee	Active member

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