



## *Curriculum Vitae for Dr. NASER SARHAN*

### **Personal Details:**

**FULL NAME: NASER MOHAMMED JAMEL SARHAN**

**NATIONALITY: SAUDI ARABIAN**

**DATE OF BIRTH: 23/08/ 1971**

### **PRESENT ADDRESS:**

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### **CURRENT POSITION AND PROFILE:**

Assistant Professor of Meteorology and Quality Assurance and Accreditation Consultant at King Faisal Air Academy, Academic Wing, Royal Saudi Air Force.

### **Education:**

1. UNIVERSITY OF EAST ANGLIA, School of Environmental Science, UK.

***PhD*** (Meteorology) with the thesis title “Low Level Jets in the Kingdom of Saudi Arabia: Climatology, Synoptic analysis and Meso-scale Modeling”, 2007.

2. KING ABDULAZIZ UNIVERSITY, Department of Meteorology, Saudi Arabia.

***MSc*** (with Distinction in Meteorology) with emphasis on Microwave Remote Sensing of Water Vapor, including the dissertation “Retrieval Of Atmospheric Water Vapor Profiles from

the Special Sensor Microwave Temperature-2 (SSM/T-2) Over the Kingdom of Saudi Arabia”, June 2000.

3. KING ABDULAZIZ UNIVERSITY, Department of Meteorology, Saudi Arabia  
*BSc* (Meteorology), 1996.

### **Professional Experience:**

1. Forecaster, Meteorology and Environmental Protection Administration, King Abdulaziz Airport (Jeddah), 1997-98.
2. Meteorological Observer and Demonstrator, Department of Meteorology, King Abdulaziz University, 1998–2000.
3. Lecturer, King Faisal Air Academy, Royal Saudi Air Force, 2000–2003.
4. Assistant Professor of Meteorology, Head of Aeroscience Unit and Director of the Scientific Studies Evaluation and Development Committee, King Faisal Air Academy, Royal Saudi Air Force, 2007-2012.
5. Full-time Consultant at the National Center for Academic Accreditation and Evaluation (NCAAA) 28/01/2012 to 31/01/2018.

### **Academic Experience:**

#### **Teaching Experience at King Abdulaziz University**

1. General Meteorology.
2. Meteorological Instruments and Methods of Observations (Lab of Surface Instruments Operations and Calibration).
3. Meteorological Instruments and Methods of Observation, Lab of Upper Air Instruments, Upper air Data analyses, Radiosondes, and RADAR.
4. Dynamic Meteorology.
5. Aeronautical Meteorology.

#### **King Faisal Air Academy (Academic Wing)**

1. Teaching general and applied meteorology courses for Royal Saudi Air Force cadets in the King Faisal Air Academy, Undergraduate Aeroscience Level, Academic Wing, September 2000-present.

2. Leading a team of 20 instructors in the Aerospace Unit (King Faisal Air Academy) to develop and accredit the academic curricula including subjects such as, aerodynamics, flight mechanics, meteorology, applied meteorology, navigation, flight planning, aircraft systems and airmanship, avionics and aeroengines.
3. Supervising Aerospace Unit instructors in order to develop, implement and evaluate electronic exams.
4. Team Leader of a group tasked with studying the possibility of implementing an interactive education program in the Aerospace unit i.e. Computer Based Training (CBT).
5. Release coordinator supporting all tasks and developmental life cycle within the Aerospace Unit (for example; development, QA and teaching scales, providing consulting to the Academic Wing Commander and his assistants etc.).

### **Evaluation Experience “Quality Assurance and Academic Accreditation”**

1. Support and motivate the concepts of quality assurance, accreditation, continuous quality improvement, and the importance of assessment and evaluation within the Higher Education (HE) Institutions/Programs.
2. Provide advice and support to the HE Institutions (or Program administrators) as they seek the National accreditation.
3. Ensure that the HE Institutions or Programs are knowledgeable about the NCAAA Standards, the accreditation processes, including the site visit protocol, and the schedules and timelines.
4. Provide up-to-date information to the HE Institutions or any Program under review, on matters related to changes in the NCAAA Policies, and Standards for Quality, Academic Accreditation and Assessment, and other accreditation-related issues and questions.
5. Communicate up-to-date and relevant accreditation information, frequently and effectively to the Institutions.
6. Participated and supervised many of NCAAA and British Council quality assurance annual workshops (e.g., External Reviewers Training, Institutional/ Programs Accreditation Standards, Key Performance Indicators and Benchmarking, Quality of Student Assessment, Students supports and consulting services, Teaching Strategies, Program/ Course Reports and Specifications, Establishing Data Analysis & Reporting System, Strategic Planning, etc.).
7. Providing many of the NCAAA training workshops (e.g., Program and Course Specification, Field Experience, and Annual Reports, Institutional/ Programs Self-Study Reports Procedures,

Key Performance Indicators and Benchmarking, NCAAA Main Components of quality assurance System, and Course and Program Learning Outcomes, etc.).

8. Team Leader of a study tour program to five UK Welsh universities, “the British council quality assurance in Higher Education programs arranged for Saudi academics from different Saudi universities”, 17-23, June, 2012.
9. Attended many of the local and the International Conferences on Quality Assurance in Postsecondary.
10. Managed the NCAAA Accreditation processes for several external reviews processes at Institutional and Program levels (more than 45 accreditation processes of Saudi HE academic Programs and 9 institutional accreditation processes, including the institutional re-accreditation processes of the King Fahd University of Petroleum & Minerals-KFUPM).
11. External Examiner for the KFAA Aviation Programs and for multiple Sciences Programs in Saudi Universities.
12. Expert evaluation, to provide an independent evaluation of the Institutional/Program Accreditation Reports of several Saudi academic Programs/Institutions.
13. Serving as a chair/member of multiple review Panels for University/Academic Programs accreditation and to evaluate the TVTC Colleges “Vocational” Programs in Saudi Arabia.
14. Joined and registered as external reviewer in the Oman Academic Accreditation Authority (OAAA). Furthermore, I served as external review Panel to review the Middle East College (MEC) in Oman (April, 2019) upon the invitation of OAAA.

### **Research activities:**

1. I Conducted several researches in the areas include: Synoptic Meteorology, Weather analyses and Local Storms, Aeronautical Meteorology, and Numerical Models and Forecast.
2. My last research project is "The impact of weather on aviation operations and training in the King Faisal Air Academy: Climatological and weather analysis" supported by King Abdullah Institutions for Studies and Researches (KAPSARC) and published in the Royal Saudi Air Force (RSAF) publications in 2013.
3. Editor of the Journal of Assuqoor the King Faisal Air Academy regular magazine in the areas of meteorology and atmospheric phenomena that affect aviation.