

## **Introduction A short essay on Saleh Al-Ajairi**

Why are we raising this topic today? Because Saleh Al-Ajairi is considered the first Kuwaiti astronomer and one of the most scientists who made great contributions to astronomy, as he explored the whole world back and forth in search of anything new in astronomy; To help the Arab and Islamic worlds.

The late Kuwaiti scientist Saleh Al-Ajairi, due to his achievements and publications throughout his life, is considered a famous scientific figure in the field of astronomy. Many people interested in astronomy want to know more about his life, scientific achievements and basic publications.

## **An introduction to the scientific life of Salah al-Ajiri**

Umm al-Ujairi died when he was thirteen years old, around 1933, and he became responsible for his family as the eldest son, as his father was an employee in the municipality who had to be absent most of the day. At school, he resorted to acting to direct his feelings, and emerged in this profession between 1938 and 1961.

Saleh Al-Ajairi obtained his primary education through the book, where he studied the Arabic language, law and arithmetic, as well as the basics of the English language and bookkeeping systems for the science of commerce and arithmetic between 1922 and 1928. He joined a school for raising children established by his father, then in 1937 he joined the Mubarakiya School and stayed there until completing the grade. Secondary school, while the development of the third grade stopped due to the lack of students.

His father encouraged him to study astronomy after discovering his passion for this field, so he sent him to the Rashaida tribe, southwest of Jahra. And that is to learn the harsh life, archery, and horsemanship, and there he meditates on the sky, in which he clearly saw the sun, moon, and stars, which led to an increase in his interest and association with astronomy. He joined the Abd al-Rahman bin Hajji school, which was founded by the father of astronomy in Kuwait, and learned a lot from him when they moved to the Salhia area. Where they resided until 1937.

### **The country that Al-Ajiri fought**

Despite the terrible conditions of transition at that time, especially since it was World War II, Al-Ajiri visited a large number of Arab and other countries and studied science there, and excelled in the astronomy department test in 1946, then he obtained the scientific certificate from the Egyptian Astronomical Union in 1952, and followed His visits to many countries: USA, Syria, Jordan, Palestine, Kingdom, Lebanon, Sudan, Tunisia, Algeria, Switzerland, Germany, France, Turkey, Iraq, Iran and others.

### **Scientific production of Salah Al-Ajairi**

Al-Ajiri's first scientific product was the Al-Ajiri calendar, and later he issued:

A wall calendar, pocket notebook, pocket notepad, office agenda, table note, and printed a small calendar at his personal expense in 1944 in Baghdad, then made a large calendar, sent it to Baghdad and asked his friend there to print 500 copies of it in the Syriac Press specialized in printing Calendar in Iraq, and that was in 1945.

Al-Ajairi also built an astronomical observatory on an area of 1000 meters of land in the southwestern corner of the Andalus region, and bought its dome from the United States of America in 1973, and in 1980 the Center for Astronomy and Meteorology in Kuwait established the Scientific Club in the South Surra region.

### **Honors received by Al-Ajiri**

Salah Al-Ajairi received many honors and medals, including an honorary doctorate from the College of Science at Kuwait University in 1981, and the first honorary doctorate from Kuwait University, and he was honored more than once in the Kuwaiti Scientific Club, and he was honored by the Kuwaiti Teachers Association in 1976, and he was honored by Before Sheikh Salem Al-Sabah in 1977, when he presented a shield for his role in theatrical representation.

### **Saleh Al-Ajiri's wife**

Salih al-Ajiri married in 1941 while a high school student, and was reported to have been 20 at the time, but he was also said to have been 17 and fathered four children:

- Muhammad (the eldest), Ahmed, Jamal, Khaled, and his daughter Amal, and Khaled was the youngest son who specialized in stargazing.
- His wife suffered from osteoporosis, then paralysis, which prevented her from moving; So Saleh was filling her need.
- One of his sons died as a result of a fire that broke out in their house, despite his efforts; to save his son, but he could not; Because there were iron security bars on the doors of the

house, and these were the most difficult times in the life of the researcher Al-Ajiri.

## **The most important achievements of Saleh Al-Ajiri**

Kuwaiti astronomer Saleh Al-Ajiri achieved several competitive successes at the world level, including the following:

- **Al Ujairy Calendar:** It is a calendar or calendar that has existed since 1952 and has been issued in different countries, including Egypt, Japan, Kuwait, Palestine, Iraq, Singapore and Pakistan in many varieties such as desk agenda, wall calendar, and pocket notepad.
- **Al-Ajiri Observatory:** It is an astronomical facility of its own that was established at its own expense in the 1970s. It purchased unique equipment for astronomical observations from America and Britain. It was inaugurated in 1986 AD.
- **Al-Ujairi Museum:** It is a private museum open to the public.
- **Al-Ajiri Library:** It is a library in Al-Naqra North Street in Kuwait that includes all stationery and periodicals.
- **Al-Ujairi Islamic Foundation:** This center was established in 2009 in Indonesia thanks to the contribution of Allama Saleh Al-Ujairi and his family.

### **Books and books by Saleh Al-Ajiri**

He wrote many books, including books, astronomical studies, periodicals, and calendars, including the following:

- Hijri calendar book and how it is calculated.
- Astronomy lesson book for beginners students.

- Timings and Qibla.
- A book on how to calculate eclipses and eclipses.
- Map of the brightest stars in the sky.
- Calendar of centuries to match the Hijri and Gregorian dates.
- Book scheduling time.
- Search lines and circles.
- Search observing planets and stars.
- Examining the use of astronomical computers in proving the legal sighting of the crescent.
- Examine the importance of the sun's inclination.
- Book of the science of times.
- Research climate and agricultural seasons in Kuwait.
- Research the scientific investigation of the time of the appearance of the true dawn.
- Comprehensive scheduling search for AD And protected in all parts of the world.
- How to infer the four seasons and destinations.
- Being guided by the stars in Kuwait.

### **The death of Saleh Al-Ajiri**

The astronomer Saleh Al-Ajiri passed away on Thursday, February 10, 2023, at the age of 101, and the main cause of his death was his advanced age.

## **Conclusion of a report on the scientist Saleh Al-Ajairi**

The late astronomer Saleh Al-Ajairi was honored on several occasions in recognition of his efforts, achievements and work in the field of astronomy, which was famous around the world. As a result, he is considered one of the aforementioned scientific personalities and is still present in scientific forums. With this amount of material, we conclude an expression of Saleh Al-Ajiri on personal, family, practical and scientific life in the world. Thanks to his experiences, books and writings, the late Kuwaiti Saleh Al-Ajiri - may God have mercy on him - enriched the Arab and Islamic nations.