



NEIGHBORS

BAHRAIN

A BETTER WAY

something old

The old houses in muharraq, the Kingdom of Bahrain, are considered as a cultural treasure for the island nation.

An extension of the Sheikh Ibrahim bin Mohammed Al-Khalifa Center for Culture and Research, the area includes many important structures such as the Abdullah Al-Zayed house, which was the location for the first Bahraini newspaper in the beginning of the 20th century. (KUNA)



something new

Bahrain launches first satellite to monitor TGFs from thunderstorms

Bahrain announced on Tuesday the launch of the first Bahrain-UAE satellite "Light 1" that will monitor and study terrestrial gamma-ray flashes (TGFs) from thunderstorms.

This is a historical moment to Bahrain that encourages Bahraini youths to make further achievements, said Chief Executive Officer of the National Space Science Agency (NSSA) Dr. Mohammed Al-Aseeri.

"Light 1" was launched by the US SpaceX Company via the Falcon 9 rocket heading to the International Space Station, where the moon will be placed in its correct orbit," Bahrain News Agency (BNA) quoted him as saying in a press release.

He said that data would be monitored and received from the satellite through three ground stations; the first at Khalifa University in Abu Dhabi, the second in Denmark and the third in Lithuania.

The satellite is a first step to meet aspirations to place Bahrain in the ranks of the pioneering countries in space, he stated.

Bahraini team's preparations for the satellite began in 2019, with the aim of providing an important achievement to the Kingdom's in development, research, designing technology programs which boost data collecting and contribute to accelerating development of the space technology, he revealed.

The satellite is the fruitful outcome of cooperation amongst the Bahrain's NSSA, the United Arab Emirates Space Agency, the Khalifa University of Science, Technology and Research and New York University Abu Dhabi, he said.

Light-1 is a nanosatellite that will monitor and study terrestrial gamma ray flashes by developing and building two payload detectors, using a combination of two different photo sensor technologies and scintillating crystals.

It reflects Bahrain's contributions to international efforts to measure these rays and study their effects on the safety of aircraft structures and the safety of passengers. (KUNA)

editor's choice

