

OBJECTIVE: At the end, Students will get the knowledge about universe and galaxy

Our Universe

The Universe is everything we can touch, feel, sense, measure or detect. It includes living things, planets, stars, galaxies, dust clouds, light, and even time. Before the birth of the Universe, time, space and matter did not exist. The Universe contains billions of galaxies, each containing millions or billions of stars.



Galaxy

The word 'Galaxy' is termed from the Greek word 'galaxies'. It is tough to tell how big the universe is!

The universe has many galaxies, and each carries millions of stars which are bounded by a unique force known as gravitational force. There are approximately 70,000 million stars in the universe. The solar system where our earth exists is in the Milky Way Galaxy. Our galaxy is spiral in shape. Galaxies differ from each other in shape, size, colour and composition. There are three types of galaxies that we find in the universe.