

## STF 11: Stellar Astronomy

This course in descriptive Astronomy, with emphasis on stars, their origin and evolution, their distribution in the galaxy and their role in the universe. It includes the study of the stars, the solar system, and the universe. The course commences with a study of the motion of the sun, moon, planets and stars. The motion of the celestial bodies are explained in the heliocentric and geocentric models. The course also covers the nature of light and employs spectroscopic observations to explore the properties of stars and their evolution. An investigation of the stars in the Milky Way galaxy leads to the different groups of stars.