

(iii) *Physics in relation to Astronomy* --- Optical telescopes of reflecting and refracting type enabled man to explore the space around. Discoveries like radio telescopes have revolutionised the study of Astronomy.

(iv) *Physics in relation to Biology* --- The conceptual study of pressure and its measurement has helped us to know blood pressure and hence the functioning of heart. Invention of X-rays developed the field of diagnosis. Electron and optical microscopic designs have revolutionised the study of medical science.

(v) *Physics in relation to Meteorology* --- The discoveries regarding the study of pressure variations help us to forecast the weather.

Various other inventions of physics have opened new vistas of study in the field of sciences and social sciences.

Physics in Relation to Technology and Society

Advancement in physics has led to new technologies and vice-versa. Sometimes technology gives rise to new dimension of physics; at other times physics generates new technology. In fact, the technological development is closely related to the application of science and physics in particular. Physics has a dominant influence on society. It has helped the human being to develop its ideas. Development of digital communication systems, rapid mass transport system, lasers making bloodless surgeries, etc., has made human life easy and pleasant.