

এক নজরে আলো হাতে চলা আঁধারের যাত্রীরা

c. 280 BC

Aristarchus of Samos first began to propose his theories on how the Earth moves

120

Ptolemy published a book about how the Heavens work.

1543

Nicolaus Copernicus published a book about how the Earth moves.

1600

Giordano Bruno was declared a heretic and burned at the stake for supporting Copernicus's theory.



1609

Johannes Kepler discovered the laws guiding the movement of the planets.

1610

Galileo Galilei discovered four large moons around Jupiter.



1687

Isaac Newton proposed the law of gravitation.



1787

Charles Augustin de Coulomb discovered electrical force proportional to product of charges and inverse square of distance

1847

Christian Doppler discovered the Doppler Effect.



1850

Rudolf Clansius devised generalized second law of thermodynamics.

1864

Max Planck devised a way to calculate electromagnetic waves.



1886

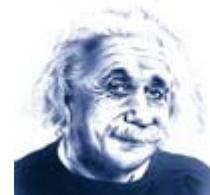
Michelson-Morley experiment carried out.

1900

Max Planck devised the Planck constant for quantum mechanics.

1905

Albert Einstein announces his special theory of relativity and light quanta.



1913

Niels Bohr discovers the structure of atoms applies to quantum theory.



1915

Einstein announced his general theory of relativity.

1921

Theodor Kaluza announced the Kline model.

1926

Werner Heisenberg proposed the matrix dynamics.



1926

Erwin Schrodinger devised wave mechanics.



1929

Edwin Hubble discovered the Universe is expanding.



1930

Subrahmanyan Chandrasekhar, formulated maximum mass theoretically possible for a stable white dwarf.



1931

Paul Dirac predicted the existence of monopoles, proposed quantum electromagnetics.



1948

George Gamow calculated the element synthesis of the Big Bang.



1954

Jan Mills devised the gauge theory based on quantum mechanics.

1960

Allan Sandage and others discovered a quasar.

1963

Murray Gell-Mann and George Zweig discovered the quark model.

1965

Peter Higgs and other discovered 3-K radiation.

1967

Roger Penrose and Stephen Hawking announced their black hole singular theory.; Anthony Hewish and Jocelyn Bell discovered a pulsar.

1968

Stephen Weinberg and Abdus Salam announced their theory of unified weak electromagnetic power.



1974

Sheldon Glashow announced the grand unified theory.

1974

Hawking announced his theory that black holes give off radiation.

1980

Alan Guth proposed inflation theory.

1985

Edward Schwartz and Michael Green proposed the Superstring theory.

1995

Witten and Townsend introduce M-theory revolution in superstring theory.
