

## PHYSICAL WORLD

### LAWS OF PHYSICS RELATED TO TECHNOLOGY :

Principal of Physics	Technology
Electromagnetic Induction	Electricity Generation
Laws of Thermodynamics	Steam, petrol, or diesel Engine
Electromagnetic Waves propagation	Radio, TV, Phones
Nuclear chain reaction	Nuclear reactor for power
Newtons Second & Third Law	Rocket propulsion
Bernoulli's theorem	Aero planes
Population inversion	Lasers
X-rays	Medical Diagnosis
Ultra high magnetic fields	Superconductors
Digital electronics	Computers and calculators
Electromagnetic Induction	Electricity Generation

***Physicist and their contributions***

<b>Name</b>	<b>Contribution</b>	<b>Country</b>
Isaac Newton	Law of Gravitation, Laws of Motion, Reflecting telescope	U.K.
Galileo Galilei	Law of Inertia	Italy
Archimedes	Principle of Buoyancy, Principle of Lever	Greece
James Clerk Maxwell	Electromagnetic theory, light is an e/m wave.	U.K.
W.K.Roentgen	X-rays	Germany
Marie S. Curie	Discovery of Radium, Polonium, study of Radioactivity	Poland
Albert Einstein	Law of Photo electricity, Theory of Relativity	Germany
S.N.Bose	Quantum Statistics	India
James Chadwick	Neutron	U.K.
Niels Bohr	Quantum model of Hydrogen atom	Denmark
Earnest Rutherford	Nuclear model of Atom	New Zealand
C.V.Raman	Inelastic Scattering of light by molecules	India
Christian Huygens	Wave theory of Light	Holland
Michael Faraday	Laws of Electromagnetic Induction	U.K.
Edvin Hubble	Expanding Universe	U.S.A.
H.J.Bhabha	Cascade process in cosmic radiation	India
Abdus Salam	Unification of weak and e/m interactions	Pakistan
R.A.Milikan	Measurement of Electronic Charge	U.S.A.
E.O.Lawrence	Cyclotron	U.S.A.
Wolfgong Pauli	Quantum Exclusion principle	Austria
Louis de Broglie	Wave nature of matter	France
J.J.Thomson	Electron	U.K.
S.Chandrashekhkar	Chandrashekhkar limit, structure of stars	India
Christian Huygens	Wave theory of Light	Holland
Michael Faraday	Laws of Electromagnetic Induction	U.K.
Edvin Hubble	Expanding Universe	U.S.A.
Henrick Hertz	Electromagnetic Waves	Germany
J.C.Bose	Ultra short radio waves	India
Hideki Yukawa	Theory of Nuclear Forces	Japan
W.Heisenberg	Quantum mechanics, Uncertainty principle	Germany
M.N.Saha	Thermal Ionization	India
G.N.Ramachandran	Triple Helical structure of proteins	india