LIST OF PHYSICS PROJECTS	
S.NO.	**TOPICS**
1	Comparison of light outputs of different sources
2	Eddy Current
3	To measure resistance and impedance of an inductor with or without iron core
4	Resistance of Pencil Leads
5	Diffraction pattern to measure pitch of DVD/CD
6	Effect of temperature on magnetic strength
7	Simple harmonic motion of a spring-determining the effect of mass on the period of spring's movement.
8	To find the refractive index of (a) water (b) oil using a plane mirror, an equi-convex lens, and an adjustable object needle
9	Variation in Emergent ray (angle) using coloured glass slab.
10	To study variation of current in a circuit containing a light dependent resistor7
11	*To study of factors affecting rate of cooling- Newton's law of cooling*
12	FACTORS ON WHICH INTERNAL RESISTANCE OR EMF OF A CELL DEPENDS
13	Across the universe: to calculate the constant velocity at which a person in a spaceship would have to travel to get from Earth to the edge of the portion of universe visible from earth which is about 13.7 billion light years.
14	Relay and Electromagnetism- Burglar alarm ,alternate switching and oscillator
15	water level indicator alarm
16	Effect of surface tension on a liquid: To show that soap solution reduces the surface tension of a liquid
17	To determine the Faraday law of electromagnetic induction by using a copper wire round over an iron rod and strong magnet
18	To estimate the charge induced on two identicle styro foam balls suspended in a verticle plane using coulomb's law

19	The working of an EMP(electro magnetic pulse) device.
20	To construct a full wave bridge rectifier and show that AC is rectified into DC
21	To study deterioration of water using different fruit peels
22	Factors affecting SELF INDUCTANCE OF A COIL
23	effect of pressure on ball bounce height
24	To investigate the relation between the ratio of input and output voltage of transformer.
25	classification of magnetic materials
26	Find refractive index of different materials using hollow glass prism
27	Logic gates
28	Variation of R with length and area of cross sector using metre bridge
29	factors on which EMF of a cell depends
30	charging and discharging of capacitor in R-C circuits
31	Transformer.
32	Logic Gates
33	Social Distancing device using electronic sensors and transistors.
34	Diffraction pattern and find out the width of central maxima
35	find refractive index of water and oil using plane mirror, equiconvex lens
36	to determine the faraday's law of electromagnetic induction using copper wire wound over an iron rod and a strong magnet
37	To show that soap solution reduces the surface tension of a liquid
38	Measurement of mutual inductance of 2 coils

39	demonstration of eddy current with aluminum coil
40	To investigate whether a pencil acts as a resistor and if so, then what is the variation of resistance with respect to the length of pencil.
41	Determination of internal resistance of battery eleminator by using potentiometer
42	To determine the effect of friction of different surface on the distance travelled by a vehicle powered by a balloon.
43	Zener diode as a Voltage Regulator
44	Determination of EMF and internal resistance of a Juice Cell by Potentiometer
45	resistance of galvanometer by using meter bridge
46	JOULE THIEF
47	Determination of magnetic dipole of a bar magnet using position of neutral points
48	To construct a solar battery
49	To study the working and principle of the device called Franklin's Bell
50	Variation of R with length and area of cross section using meter bridge
51	Zener diode as voltage regulator
52	Using a Laser Pointer to Measure the Data Track Spacing on CDs and DVDs
53	Tesla Coil
54	Variation in emergent ray using coloured glass slab
55	Studying the variations in current flowing in a circuit containing a LDR
56	To find the appropriate engine oil for a car using the concept of viscosity.