

PROGRESS REGISTER Session-2022-2023

Discipline: Electrical Engg.

Semester: 1st

Section-A

Subject: Engg. Physics

No. of Days/per week class allotted________

Semester From Date : 26.10.22 To Date : 20.09.23 No. of Weeks : 15

Er	om Date : <u>26 · 10 · 2</u>		Points/contents	Signature of Teacher
emester Fr	om Date : 26 · 10 · 22	Topics actually	Discussed (in brief)	
	Topics to be covered as	covered	duction to	_
Date	mor Lesson Plan	Introduction to	students in class and	~ 0
Date	Introduction to students in	Introduction to	students in class	
	Introduction to state	students in class and	revising their 10th	
G-1	class and revising their	revising their 10th	Science.	
7.10.22	10th Science.	Science.	and and	. ()
4.10		Dimension and	dimensional formula.	
	Dimension and	dimensional formula.	Dimension of diff.	V
		Dimension of diff.	physical quantities.	0
00110.27	Dimension of diff. physical	physical quantities.	physical quarter	W_
29.10.22	quantities.	physical quart	Checking the	1
	quantities.	Checking the	correctness of physical	A
	Checking the correctness of	correctness of physical	ations.	
31.10.22	physical equations.	aguations.	Linite and system of	
21.10	priyora	Units and system of	units. Units of diff.	V
1	Units and system of units.	units. Units of diff.	quantities.	1
. 4 ~ 0	Units of diff. quantities.	quantities.	quantities.	
01.11.22		quantities	Scalar and Vector	, 10
- (51	Scalar and Vector	quantity. Types of	
	Scalar and Vector quantity.	quantity. Types of	wactor and	
ē.	fyector and	vector and	representation of a	
0 11 00	representation of a vector	representation of a	vector quantity.	
13.11.22	-uantity	vector quantity.	Triangle and	
	quantity.	Triangle and	parallelogram law of	1 0
	Triangle and parallelogram	parallelogram law of	parallelogian	7
-	Triangle and paralleles	vector addition.	vector addition.	
	law of vector addition.	Numerical of vector	Numerical of vector	
15.11.22	Numerical of vector		addition.	1
	addition.	addition.	Resolution of vectors	
4		Resolution of vectors	and numerical	1
	Resolution of vectors and	and numerical	problems.	V
2.11.22	numerical problems.	problems.	Products of vectors.	C
7.11.22	Hamerica	Products of vectors.	Dot product and cross	1
	Products of vectors. Dot	Dot product and cross	Dot product and cross	1
- 4 00	product and cross product.	product.	product.	
10.11.22	product and cross products.	product.	Dot product and cross	1.0
		Dot product and cross	product in terms of	1 21
4,	Dot product and cross	product in terms of	rectangular	
00	product in terms of	rectangular	components.	•
2.11.22	rectangular components.	components.	Concept of Rest and	
	1cccog	Concept of Rest and	Concept of Nest and	\circ
	Concept of Rest and	Motion. Displacement	Motion. Displacement	NO
	Motion. Displacement	velocity and	velocity and	1
4.11, 22	velocity and acceleration.	acceleration.	acceleration.	7
1	10.00.00	acceleration.	Gravity, Gravitation,	L
	Gravity, Gravitation, Force	Gravity, Gravitation,	Force and equation of	P
	and equation of motion	Force and equation of	motion under gravity.	
5.11,22	and equation of	motion under gravity.	Circular Motion and	
13.11,20	under gravity.	Circular Motion and	Circular Modell and	in the
	Circular Motion and terms	terms related to	terms related to	V
12-14-25	related to circular motion.	circular motion.	circular motion.)
17.11.22		Relation between	Relation between	ah!
	Relation between linear	linear and angular	linear and angular	
0, ,, 00	and angular velocity	linear and angular	velocity acceleration.	
21.11.22	acceleration.	velocity acceleration.	Projectile Motion and	0
	Projectile Motion and	Projectile Motion and	Projectile Motion and	d
22, 11-22	example of projectile	example of projectile	example of projectile motion.	1
	avampie di didiettie		A !	

No. of Days/per week class allotted_________________

Semester From Date: 26.10.22 To Date: 20.02.23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
28:01:23	Magnetic field intensity,	Magnetic field intensity, magnetic field, magnetic field strength.	Magnetic field intensity, magnetic field, magnetic field strength.	NS
30.01.23	Magnetic lines of force and magnetic flux.	Magnetic lines of force and magnetic flux.	Magnetic lines of force and magnetic flux.	1-2
21.01-23	Electric current, concept & unit.	Electric current, concept & unit.	Electric current, concept & unit.	W.
02.02.23	Ohm's law & definition of resistance unit.	Ohm's law & definition of resistance unit.	Ohm's law & definition of resistance unit.	13
04:022	Grouping of resistance, numerical.	Grouping of resistance, numerical.	Grouping of resistance, numerical.	79
06,02.23	Kirchhoff's law of electric current.	Kirchhoff's law of electric current.	Kirchhoff's law of electric current. Application of Ohm's	12
07.12.23	Application of Ohm's law & Kirchhoff's law. Numerical.	Application of Ohm's law & Kirchhoff's law. Numerical.	law & Kirchhoff's law. Numerical.	Vs.
09.12.23	Application to a balanced	Application to a balanced Wheatstone Bridge.	Application to a balanced Wheatstone Bridge.	a Ca
11.02.23	Electromagnetism concept	Electromagnetism concept and definition.	Electromagnetism concept and definition.	
13.02-23	Force on a current carrying	Force on a current carrying conductor placed in a uniform magnetic field.	Force on a current carrying conductor placed in a uniform magnetic field.	2
14.02.23	Faraday's law of electromagnetic induction.	Faraday's law of electromagnetic induction.	Faraday's law of electromagnetic induction.	1
16.02.23	Lenz's law & Fleming's Right Hand Rule.	Lenz's law & Fleming's Right Hand Rule.	Lenz's law & Fleming's Right Hand Rule.	re
10 00 00	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	-
	LASER concept & definition.	LASER concept & definition.	LASER concept & definition.	ve-
19 112.53	Principle of LASER, population inversion properties of LASER.	Principle of LASER, population inversion properties of LASER.	Principle of LASER, population inversion properties of LASER.	or-
			Application of LASER & ground waves.	ol-



PROGRESS REGISTER Session-2022-2023

Discipline: Electrical Engg.

Semester: 1st

Section-B

Subject: Engg. Physics

Semester From Date: 26.10-22 To Date: $20-02\cdot23$ No. of Weeks: 13

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
26.10-22	Introduction to students in class and revising their 10th Science.	Introduction to students in class and revising their 10th Science.	Introduction to students in class and revising their 10th Science.	N
27.10.12	Dimension and dimensional formula. Dimension of diff. physical quantities.	Dimension and dimensional formula. Dimension of diff. physical quantities.	Dimension and dimensional formula. Dimension of diff. physical quantities.	v2
29.10.22		Checking the correctness of physical equations.	Checking the correctness of physical equations.	WZ_
1.11.22	Units and system of units. Units of diff. quantities.	Units and system of units. Units of diff. quantities.	Units and system of units. Units of diff. quantities.	No
2.11.22	Scalar and Vector quantity. Types of vector and representation of a vector quantity.	Scalar and Vector quantity. Types of vector and representation of a vector quantity.	Scalar and Vector quantity. Types of vector and representation of a vector quantity.	02
3.11.22	Triangle and parallelogram law of vector addition. Numerical of vector addition.	Triangle and parallelogram law of vector addition. Numerical of vector addition.	Triangle and parallelogram law of vector addition. Numerical of vector addition.	NS
5.11.22	Resolution of vectors and numerical problems.	Resolution of vectors and numerical problems.	Resolution of vectors and numerical problems.	NS
9,11.22	Products of vectors. Dot product and cross product.	Products of vectors. Dot product and cross product.	Products of vectors. Dot product and cross product.	nl
10.11.22	Dot product and cross product in terms of rectangular components.	Dot product and cross product in terms of rectangular components.	Dot product and cross product in terms of rectangular components.	2
12/11/22	Concept of Rest and Motion. Displacement velocity and acceleration.	Concept of Rest and Motion. Displacement velocity and acceleration.	Concept of Rest and Motion. Displacement velocity and acceleration.	B
15.11.92	Gravity, Gravitation, Force and equation of motion under gravity.	Gravity, Gravitation, Force and equation of motion under gravity.	Gravity, Gravitation, Force and equation of motion under gravity.	1
17-11-22	Circular Motion and terms related to circular motion.	Circular Motion and terms related to circular motion.	Circular Motion and terms related to circular motion.	2
22.1122	Relation between linear and angular velocity acceleration.	Relation between linear and angular velocity acceleration.	Relation between linear and angular velocity acceleration.	ns
23.11,2	Projectile Motion and example of projectile motion.	Projectile Motion and example of projectile motion.	Projectile Motion and example of projectile motion.	M

No. of Days/per week class allotted 6

Semester From Date: 26,10,22 To Date: 28,2,2,2 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
25.1.23	Magnetic field intensity, magnetic field, magnetic field strength.	Magnetic field intensity, magnetic field, magnetic field strength.	Magnetic field intensity, magnetic field, magnetic field strength.	N
28 .1.23	Magnetic lines of force and magnetic flux.	Magnetic lines of force and magnetic flux.	Magnetic lines of force and magnetic flux.	ph
31 .1.23	Electric current, concept & unit.	Electric current, concept & unit.	Electric current, concept & unit.	pla
01.2.23	Ohm's law & definition of resistance unit.	Ohm's law & definition of resistance unit.	Ohm's law & definition of resistance unit.	
2.2.33	Grouping of resistance, numerical.	Grouping of resistance, numerical.	Grouping of resistance, numerical.	VS
4.2.22	Kirchhoff's law of electric current.	Kirchhoff's law of electric current.	Kirchhoff's law of electric current.	1/2
7.2.23	Application of Ohm's law & Kirchhoff's law. Numerical.	Application of Ohm's law & Kirchhoff's law. Numerical.	Application of Ohm's law & Kirchhoff's law. Numerical.	V2
8,2,23	Application to a balanced Wheatstone Bridge.	Application to a balanced Wheatstone Bridge.	Application to a balanced Wheatstone Bridge.	13
9 2.23	Electromagnetism concept and definition.	Electromagnetism concept and definition.	Electromagnetism concept and definition.	1-2
11-2.23	Force on a current carrying conductor placed in a uniform magnetic field.	Force on a current carrying conductor placed in a uniform magnetic field.	Force on a current carrying conductor placed in a uniform magnetic field.	ple
14,2.23	Faraday's law of electromagnetic induction.	Faraday's law of electromagnetic induction.	Faraday's law of electromagnetic induction.	13
15.2.23	Lenz's law & Fleming's Right Hand Rule.	Lenz's law & Fleming's Right Hand Rule.	Lenz's law & Fleming's Right Hand Rule.	NS
16.2.23	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	12
17.2.23	LASER concept & definition.	LASER concept & definition.	LASER concept & definition.	P
19,223	Principle of LASER, population inversion properties of LASER,	Principle of LASER, population inversion properties of LASER.	Principle of LASER, population inversion properties of LASER.	1-2
20, 223	Application of LASER & ground waves.	Application of LASER & ground waves.	Application of LASER & ground waves.	1-2



PROGRESS REGISTER Session-2022-2023

Discipline: Electrical/Computer Sc./Metallurgy Engg.

Semester: 1st

Section-C

Subject: Engg. Physics

Semester From Date: 26,10,22 To Date: 20,02,23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
26.1012	Introduction to students in class and revising their 10th Science.	Introduction to students in class and revising their 10th Science.	Introduction to students in class and revising their 10th Science.	NS
27.10.12	Dimension and dimensional formula. Dimension of diff. physical quantities.	Dimension and dimensional formula. Dimension of diff. physical quantities.	Dimension and dimensional formula. Dimension of diff. physical quantities.	NS_
28. 10.22	Checking the correctness of physical equations.	Checking the correctness of physical equations.	Checking the correctness of physical equations.	ns
29:10.25	Units and system of units. Units of diff. quantities.	Units and system of units. Units of diff. quantities.	Units and system of units. Units of diff. quantities.	N
21.10.22	Scalar and Vector quantity. Types of vector and representation of a vector quantity.	Scalar and Vector quantity. Types of vector and representation of a vector quantity.	Scalar and Vector quantity. Types of vector and representation of a vector quantity.	
2.11,22	Triangle and parallelogram law of vector addition. Numerical of vector addition.	Triangle and parallelogram law of vector addition. Numerical of vector addition.	Triangle and parallelogram law of vector addition. Numerical of vector addition.	1
3.11.22	Resolution of vectors and numerical problems.	Resolution of vectors and numerical problems.	Resolution of vectors and numerical problems.	N
4.11.22	Products of vectors. Dot product and cross product.	Products of vectors. Dot product and cross product.	Products of vectors. Dot product and cross product.	pr
7.11.22	Dot product and cross product in terms of rectangular components.	Dot product and cross product in terms of rectangular components.	Dot product and cross product in terms of rectangular components.	rs.
9.11.12	Concept of Rest and Motion. Displacement velocity and acceleration.	Concept of Rest and Motion. Displacement velocity and acceleration.	Concept of Rest and Motion. Displacement velocity and acceleration.	V2
10-4-22	Gravity, Gravitation, Force and equation of motion under gravity.	Gravity, Gravitation, Force and equation of motion under gravity.	Gravity, Gravitation, Force and equation of motion under gravity. Circular Motion and	Pr.
11.11.22	Circular Motion and terms	Circular Motion and terms related to circular motion.	terms related to circular motion. Relation between	12
14.1122	Relation between linear and angular velocity acceleration.	Relation between linear and angular velocity acceleration.	linear and angular velocity acceleration. Projectile Motion and	1-2
17.11.12	Projectile Motion and	Projectile Motion and example of projectile motion.	example of projectile motion.	

semester From Date: 26,10/22 To Date: 28.02.23 No. of Weeks: 15

Date	Topics to be covered as	Topics actually	Points/contents	Signature of
	per Lesson Plan	covered	Discussed (in brief)	Teacher
19:1,23	Magnetic field intensity, magnetic field, magnetic field strength.	Magnetic field intensity, magnetic field, magnetic field strength.	Magnetic field intensity, magnetic field, magnetic field strength.	2
20.1.23	Magnetic lines of force and magnetic flux.	Magnetic lines of force and magnetic flux.	Magnetic lines of force and magnetic flux.	ph.
25:1:23	Electric current, concept & unit.	Electric current, concept & unit.	Electric current, concept & unit.	V.S.
27,1123	Ohm's law & definition of resistance unit.	Ohm's law & definition of resistance unit.	Ohm's law & definition of resistance unit.	N
30.1.23	Grouping of resistance, numerical.	Grouping of resistance, numerical.	Grouping of resistance, numerical.	R
2 -2-2	Kirchhoff's law of electric current.	Kirchhoff's law of electric current.	Kirchhoff's law of electric current.	-2
3.2.3	Application of Ohm's law & Kirchhoff's law. Numerical.	Application of Ohm's law & Kirchhoff's law. Numerical.	Application of Ohm's law & Kirchhoff's law. Numerical.	13
6.2.2	Application to a balanced Wheatstone Bridge.	Application to a balanced Wheatstone Bridge.	Application to a balanced Wheatstone Bridge.	R
8.2.2	Electromagnetism concept and definition.	Electromagnetism concept and definition.	Electromagnetism concept and definition.	A
9,2.2	Force on a current carrying conductor placed in a uniform magnetic field.	Force on a current carrying conductor placed in a uniform magnetic field.	Force on a current carrying conductor placed in a uniform magnetic field.	4
10.2	Faraday's law of electromagnetic induction	Faraday's law of electromagnetic induction.	Faraday's law of electromagnetic induction.	B
13.2	Lenz's law & Fleming's Right Hand Rule.	Lenz's law & Fleming's Right Hand Rule.	Lenz's law & Fleming's Right Hand Rule.	(2
15.2	Fleming's Left Hand Rule	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	R
16.2	23 LASER concept & definition.	LASER concept & definition.	LASER concept & definition.	08_
12.2	Principle of LASER, population inversion properties of LASER.	Principle of LASER, population inversion properties of LASER.	Principle of LASER, population inversion properties of LASER.	18
26.2	Application of LASER & ground waves.	Application of LASER 8 ground waves.	Application of LASER & ground waves.	10



PROGRESS REGISTER Session-2022-2023

Discipline: Mechanical Engg.

Semester: 2nd

Section-D

Subject: Engg. Physics

motion.

No. of Days/per week class allotted U

Semester From Date: 18.3.23 To Date: 27.6.23 No. of Weeks: 15 **Topics actually** per Lesson Plan Points/contents Introduction to students in Signature of covered Discussed (in brief) Introduction to class and revising their **Teacher** 18.3.23 Introduction to students in class and 10th Science. students in class and revising their 10th revising their 10th Science. Dimension and Science. Dimension and dimensional formula. Dimension and 22.3.23 dimensional formula. Dimension of diff. physical dimensional formula. Dimension of diff. quantities. Dimension of diff. physical quantities. physical quantities. Checking the correctness of Checking the 23.3.23 Checking the physical equations. correctness of physical correctness of physical equations. Units and system of units. equations. Units and system of 24.3.23 Units of diff. quantities. Units and system of units. Units of diff. units. Units of diff. quantities. quantities. Scalar and Vector quantity. Scalar and Vector Scalar and Vector Types of vector and quantity. Types of quantity. Types of 25,3.23 representation of a vector vector and vector and representation of a quantity. representation of a vector quantity. vector quantity. Triangle and Triangle and parallelogram Triangle and parallelogram law of law of vector addition. 29.3.23 parallelogram law of vector addition. Numerical of vector vector addition. Numerical of vector addition. Numerical of vector addition. addition. Resolution of vectors Resolution of vectors Resolution of vectors and 31.3.23 and numerical and numerical numerical problems. problems. problems. Products of vectors. Products of vectors. Products of vectors. Dot 5.4-23 Dot product and cross Dot product and cross product and cross product. product. product. Dot product and cross Dot product and cross Dot product and cross 6.4.23 product in terms of product in terms of product in terms of rectangular rectangular rectangular components. components. components. Concept of Rest and Concept of Rest and Concept of Rest and 8.4.23 Motion. Displacement Motion. Displacement Motion. Displacement velocity and velocity and velocity and acceleration. acceleration. acceleration. Gravity, Gravitation, Force Gravity, Gravitation, Gravity, Gravitation, 12,4,23 and equation of motion Force and equation of Force and equation of under gravity. motion under gravity. motion under gravity. Circular Motion and terms Circular Motion and Circular Motion and related to circular motion. terms related to terms related to 13 14-23 circular motion. circular motion. Relation between linear Relation between Relation between and angular velocity linear and angular linear and angular 15,4.23 acceleration. velocity acceleration. velocity acceleration. Projectile Motion and Projectile Motion and Projectile Motion and 19.4.23 example of projectile example of projectile example of projectile motion. motion.

No. of Days/per week class allotted________

semester From Date: 18.3.23 To Date: 27.6.23 No. of Weeks: 18

	Topics to be covered as	Topics actually	Points/contents	Signature of
Date	per Lesson Plan	covered	Discussed (in brief)	Teacher
v5.6c2J	Magnetic field intensity, magnetic field, magnetic field strength.	Magnetic field intensity, magnetic field, magnetic field	Magnetic field intensity, magnetic field, magnetic field strength.	M
6.8727	Magnetic lines of force and magnetic flux.	Magnetic lines of force and magnetic flux.	Magnetic lines of force and magnetic flux.	N.S.
76.27	Electric current, concept & unit.	Electric current, concept & unit.	Electric current, concept & unit.	r-P
8.6.27	Ohm's law & definition of resistance unit.	Ohm's law & definition of resistance unit.	Ohm's law & definition of resistance unit.	N
4.6.27	Grouping of resistance, numerical.	Grouping of resistance, numerical.	Grouping of resistance, numerical.	R
6,6-27	Kirchhoff's law of electric current.	Kirchhoff's law of electric current. Application of Ohm's	Kirchhoff's law of electric current. Application of Ohm's	7
KTIWS	Application of Ohm's law & Kirchhoff's law. Numerical.	law & Kirchhoff's law. Numerical.	law & Kirchhoff's law. Numerical.	12
Extrass	Application to a balanced Wheatstone Bridge.	Application to a balanced Wheatstone Bridge.	Application to a balanced Wheatstone Bridge.	13
5x Lyons	Electromagnetism concept and definition.	Electromagnetism concept and definition.	Electromagnetism concept and definition.	12
5 k m os	Force on a current carrying conductor placed in a uniform magnetic field.	Force on a current carrying conductor placed in a uniform magnetic field.	Force on a current carrying conductor placed in a uniform magnetic field.	15
Expan	Faraday's law of electromagnetic induction.	Faraday's law of electromagnetic induction.	Faraday's law of electromagnetic induction.	13
EXIMON	Lenz's law & Fleming's Right Hand Rule.	Lenz's law & Fleming's Right Hand Rule.	Lenz's law & Fleming's Right Hand Rule. Fleming's Left Hand	12
Erikon	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	Rule and relation between Left & Right Hand Rule.	7-2
124 Mr	LASER concept & definition.	LASER concept & definition.	definition.	1-5
Et Mars	Principle of LASER, population inversion properties of LASER.	Principle of LASER, population inversion properties of LASER.	Principle of LASER, population inversion properties of LASER.	18
0 ros/\cs	Application of LASER & ground waves.	Application of LASER & ground waves.	Application of LASER & ground waves.	18



PROGRESS REGISTER Session-2022-2023

Discipline: Civil/Mechanical Engg.

Semester: 2nd

Section-E

Subject: Engg. Physics

No. of Days/per week class allotted 04

Semester From Date : 18.3.23 To Date : 27.6.23 No. of Weeks : 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
18.3.23	Introduction to students in class and revising their 10th Science.	Introduction to students in class and revising their 10th Science.	Introduction to students in class and revising their 10th Science.	NE
20.3.23	Dimension and dimensional formula. Dimension of diff. physical quantities.	Dimension and dimensional formula. Dimension of diff. physical quantities.	Dimension and dimensional formula. Dimension of diff. physical quantities.	nl
21.3.28	Checking the correctness of physical equations.	Checking the correctness of physical equations.	Checking the correctness of physical equations.	12
23:3.23	Units and system of units. Units of diff. quantities.	Units and system of units. Units of diff. quantities.	Units and system of units. Units of diff. quantities.	18
25-3-23	Scalar and Vector quantity. Types of vector and representation of a vector quantity.	Scalar and Vector quantity. Types of vector and representation of a vector quantity.	Scalar and Vector quantity. Types of vector and representation of a vector quantity.	1-2
27. 3.23	Triangle and parallelogram law of vector addition. Numerical of vector addition.	Triangle and parallelogram law of vector addition. Numerical of vector addition.	Triangle and parallelogram law of vector addition. Numerical of vector addition.	1-2
28.3.23	Resolution of vectors and numerical problems.	Resolution of vectors and numerical problems.	Resolution of vectors and numerical problems.	H
3.4-23	Products of vectors. Dot product and cross product.	Products of vectors. Dot product and cross product.	Products of vectors. Dot product and cross product.	19
4.4.23	Dot product and cross product in terms of rectangular components.	Dot product and cross product in terms of rectangular components.	Dot product and cross product in terms of rectangular components.	13
6,4.23	Concept of Rest and Motion. Displacement velocity and acceleration.	Concept of Rest and Motion. Displacement velocity and acceleration.	Concept of Rest and Motion. Displacement velocity and acceleration.	15
8.4123	Gravity, Gravitation, Force and equation of motion under gravity.	Gravity, Gravitation, Force and equation of motion under gravity.	Gravity, Gravitation, Force and equation of motion under gravity.	1-5
10,4.23	Circular Motion and terms related to circular motion.	Circular Motion and terms related to circular motion.	Circular Motion and terms related to circular motion.	15
11.4,23	Relation between linear and angular velocity acceleration.	Relation between linear and angular velocity acceleration.	Relation between linear and angular velocity acceleration.	
13 14.23	Projectile Motion and example of projectile motion.	Projectile Motion and example of projectile motion.	Projectile Motion and example of projectile motion.	

No. of Days/per week class allotted ________

semester From Date: 18.3.23 To Date: 27.6.23 No. of Weeks: 15

Date	Topics to be covered as	Topics actually	Points/contents	Signature of Teacher
as the same	per Lesson Plan	covered	Discussed (in brief)	reache.
12.6.23	Magnetic field intensity, magnetic field, magnetic field strength.	Magnetic field intensity, magnetic field, magnetic field strength.	Magnetic field intensity, magnetic field, magnetic field strength.	12
19.623	Magnetic lines of force and magnetic flux.	Magnetic lines of force and magnetic flux.	Magnetic lines of force and magnetic flux.	18
20.6.23	Electric current, concept & unit.	Electric current, concept & unit.	Electric current, concept & unit.	
22.693	Ohm's law & definition of resistance unit.	Ohm's law & definition of resistance unit.	Ohm's law & definition of resistance unit.	18
24:1623	Grouping of resistance, numerical.	Grouping of resistance, numerical.	Grouping of resistance, numerical.	08
25 06-23	Kirchhoff's law of electric current.	Kirchhoff's law of electric current.	Kirchhoff's law of electric current.	
26.6.13	Application of Ohm's law & Kirchhoff's law. Numerical.	Application of Ohm's law & Kirchhoff's law. Numerical.	Application of Ohm's law & Kirchhoff's law. Numerical.	VS-
27:6.23	Application to a balanced Wheatstone Bridge.	Application to a balanced Wheatstone Bridge.	Application to a balanced Wheatstone Bridge.	bs
28.623	Electromagnetism concept and definition.	Electromagnetism concept and definition.	Electromagnetism concept and definition.	rl
29.623	Force on a current carrying conductor placed in a uniform magnetic field.	Force on a current carrying conductor placed in a uniform magnetic field.	Force on a current carrying conductor placed in a uniform magnetic field.	H
30.623	Faraday's law of electromagnetic induction.	Faraday's law of electromagnetic induction.	Faraday's law of electromagnetic induction.	VS_
Extra	Lenz's law & Fleming's Right Hand Rule.	Lenz's law & Fleming's Right Hand Rule.	Lenz's law & Fleming's Right Hand Rule.	19
Extin	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	Fleming's Left Hand Rule and relation between Left & Right Hand Rule.	US.
Bigge	LASER concept & definition.	LASER concept & definition.	LASER concept & definition.	25
BANK	Principle of LASER, population inversion properties of LASER.	Principle of LASER, population inversion properties of LASER.	Principle of LASER, population inversion properties of LASER.	18
Part	Application of LASER & ground waves.	Application of LASER & ground waves.	Application of LASER & ground waves.	AP