

Date	Topic
13 July 2018	Mechanics of single particle
14 "	————— System of particles
16 "	Conservation law of Linear Momentum
17 "	————— Angular "
18 "	————— Mechanical energy
19 "	Centre of Mass
20 "	Constrained Motion
21 "	Numericals
23 "	"
24 "	"
25 "	Generalised Co-ordinate
26 "	" Displacement
27 "	————— Velocity
28 "	————— Acceleration
30 "	————— Momentum
1 August 2018	————— Force
2 "	————— Potential
3 "	Hamilton's variation principle
4 "	Lagrange's eq ⁿ of motion
5 "	Linear Harmonic oscillator
7 "	Simple pendulum
8 "	Atwood's machine
9 "	Rotation Numericals
10 "	"

Date	Topic
11 Aug. 2018	Rotation of Rigid Body
13 "	Moment of Inertia
14 "	Torque
16 "	Angular Momentum
17 "	Kinetic energy of Rotation
18 "	Theorem of L axis
20 "	<u> </u> $ $ axis
21 "	Moment of Inertia of solid sphere
23 "	<u> </u> Hollow !
24 "	Spherical shell
27 "	Solid cylinder
28 "	Hollow cylinder
29 "	Solid Bar
30 "	Acceleration of body rolling Down
31 "	Numericals
1 sept. 2018	"
4 sept. 2018	"
5 "	"
6 "	"
7 "	Scalars & Vectors
8 "	Dot Product
10 "	Cross "
11 "	Triple Vector product
12 "	Scalar & vector fields

Date	Topics
13 sept. 2018	Gradient of scalar
14 "	Integration of vectors
15 "	Gauss's Divergence Theorem
17 "	Stoke's Theorem
18 "	Electrostatic field
19 "	Laplace & Poisson eq ⁿ
20 "	Electric flux
21 "	Gauss law
22 "	Application of gauss law
24 "	spherical cell
25 "	Uniformly charged plane
26 "	Mechanical force of charged surface
27 "	Magnetic Induction
28 "	Magnetic flux
29 "	Solenoidal Nature of vector
1 Oct. 2018	$\nabla \cdot B = 0$
3 "	$\nabla \times B = \mu_0 J$
4 "	Electronic Theory of Diamagnetism
6 "	Paramagnetism
8 "	Langevin theory
9 "	Hysteresis loop
10 "	Numerical
11 "	"
12 "	"

Experiment No.

Date	Topics
13 Oct 2017	Maxwell's eq ⁿ .
15 "	Displacement current
16 "	vector & scalar potential
17 "	Boundary condition
19 "	Propagation of e.m. wave
20 "	Poynting vector
22 "	" Theorem
23 "	Numericals
25 "	"
26 "	"
27 "	"
28 "	"
29 "	"
30 "	"
31 "	Web or Essay Molecular Theory
2 Nov. 2017	Numericals
3 Nov. 2018	"
5 No.V. 2018	"

~~studied
 up to 2017~~