

**SYLLABUS : 2022-23**

**BATCH : DROPPER ENGINEERING**

SL. NO	TEST CODE	TEST PATTERN	DATE	PHYSICS	CHEMISTRY	MATHS
1	PT-01	JEE Main	06-Nov	UNIT & DIMENSION, MATHEMATICAL TOOLS, ERROR, VECTOR & GEOMETRICAL OPTICS.	MOLE CONCEPT, REDOX REACTION, ATOMIC STRUCTURE, CHEMICAL BONDING,	BASIC MATHS, TRIGONOMETRIC RATIO & IDENTITIES, TRIGONOMETRIC EQUATION, FUNCTIONS, INVERSE TRIGONOMETRIC FUNCTION.
2	PT-02	JEE Main	27-Nov	KINEMATICS & ELECTROSTATICS	PERIODIC TABLE , GASEOUS STATE, NOMENCLATURE & ISOMERISM.	GENERAL CO-ORDINATE GEO, ST LINE, PAIR OF ST LINE, CIRCLES, PARABOLA.
3	PT-03	JEE Main	18-Dec	NLM, FRICTION, GRAVITATION & CURRENT ELECTRICITY	CHEMICAL & IONIC EQUILIBRIUM & GOC.	ELLIPSE, HYPERBOLA, LIMITS, CONTINUITY & DIFFERENTIABILITY.
4	CPT-01	JEE Main	08-Jan	Syllabus of PT-01, 02, 03		
5	PT-04	JEE Main	22-Jan	WORK-POWER ENERGY, CIRCULAR MOTION, CAPACITOR, MOVING CHARGE & MAGNETISM, MAGNETISM & MATTER .	THERMODYNAMICS, THERMOCHEMISTRY, HYDROCARBONS, HALOGENE DERIVATIVE, ALCOHOL.	METHOD OF DIFFERENTIATION, AOD, INDEFINITE INTEGRATION
6	PT-05	JEE Main	12-Feb	CENTRE OF MASS, MOMENTUM , COLLISION, EMI, AC & EM WAVE.	SOLID STATE, SOLUTION, , PHENOL, ETHER & AROMATIC COMPOUND.	DEFINITE INTEGRATION, AREA UNDER CURVE, DIFFERENTIAL EQUATION, VECTOR.
7	PT-06	JEE Main	05-Mar	ROTATION & ROLLING MOTION, SHM , HEAT AND THERMODYNAMICS.	CHEMICAL KINETICS, ELECTROCHEMISTRY, COORDINATION COMPOUND, ALDEHYDE KETONE , CARBOXYLIC ACID.	3-D, QUADRATIC EQUATION, SEQUENCE & SERIES , COMPLEX NUMBER.
8	PT-07	JEE Main	19-Mar	WAVE MECHANICS, WAVE OPTICS, MECHANICS OF SOLIDS & FLUID MECHANICS, MODERN PHYSICS & SEMICONDUCTOR.	S-BLOCK, P-BLOCK, D&F - BLOCK, SURFACE CHEMISTRY, METALLURGY, HYDROGEN, AMINES, BIOMOLECULES, POLYMERS, CHEMISTRY IN EVERYDAY LIFE, ENV. CHEMISTRY.	BINOMIAL, PERMUTATIONS & COMBINATION, PROBABILITY, SOLUTION OF TRIANGLE, REASONING, STATISTICS, MATRICES & DETERMINANTS.
9	FT-01	JEE Main	26-Mar	FULL SYLLABUS		
10	FT-02	JEE Main	02-Apr	FULL SYLLABUS		
11	FT-03	JEE Main	09-Apr	FULL SYLLABUS		