

GAYATRI VIDYA PARISHAD

Visakhapatnam

APEAPCET - 2025 TRAINING PROGRAMME SHEET

S. No	Day	PHYSICS	CHEMISTRY	MATHS: TRACK-I	MATHS: TRACK-II
1	Day-1	Units & Measurements	Basic concepts of Chemistry	FUNCTIONS	LOCUS
2	Day-2	Errors & Experimental Physics	Atomic structure	FUNCTIONS	CHANGE OF AXES
3	Day-3	Motion in a straight line	Redox reactions	FUNCTIONS	STRAIGHT LINES
4	Day-4	Motion in a plane (Vectors)	Chemical bonding	MATHEMATICAL INDUCTION	STRAIGHT LINES
5	Day-5	Motion in a plane (Projectiles)	Hydrogen & its compounds	MATRICES	STRAIGHT LINES
6	Day-6	Laws of motion	Hydrogen & its compounds	MATRICES	PAIR OF STRAIGHT LINES
7	Day-7	Circular motion	Thermodynamics	MATRICES	PAIR OF STRAIGHT LINES
8	Day-8	Friction	States of Matter	MATRICES	PAIR OF STRAIGHT LINES
9	Day-9	Work - Power - Energy	Chemical Equilibrium	MATRICES	3D GEOMETRY
10	Day-10	Centre of Mass	Ionic Equilibrium	VECTORS	DC'S & DR'S
11	Day-11	Collisions	Ionic Equilibrium	VECTORS	DC'S & DR'S
12	Day-12	Rigid body dynamics	Periodic Classification	VECTORS	PLANES
13	Day-13	Gravitation	s block	VECTORS	PLANES
14	Day-14	Simple Harmonic Motion	13th & 14th group	TRIGONOMETRIC RATIOS UPTO TRANSFORMATIONS, PERIODICITY & EXTREME VALUES	LIMITS
15	Day-15	Elasticity	15th group	TRIGONOMETRIC RATIOS UPTO TRANSFORMATIONS, PERIODICITY & EXTREME VALUES	LIMITS
16	Day-16	Surface Tension	16th group	TRIGONOMETRIC EQUATIONS	LIMITS & CONTINUITY
17	Day-17	Fluid Mechanics (Fluid Statics)	17th & 18th group	INVERSE TRIGONOMETRIC FUNCTIONS	DIFFERENTIATION
18	Day-18	(Fluid Dynamics + Viscosity)	d & f block	HYPERBOLIC FUNCTIONS	DIFFERENTIATION
19	Day-19	Thermal Expansion	Coordination Compounds	PROPERTIES OF TRIANGLES	DIFFERENTIATION
20	Day-20	KTG	Surface Chemistry	PROPERTIES OF TRIANGLES	APPLICATION OF DERIVATIVES
21	Day-21	Thermodynamics	Metallurgy	PROPERTIES OF TRIANGLES	APPLICATION OF DERIVATIVES
22	Day-22	Heat Transfer	Solutions	PROPERTIES OF TRIANGLES	APPLICATION OF DERIVATIVES
23	Day-23	Wave Motion	Solid State	PROPERTIES OF TRIANGLES	LIMITS & CONTINUITY INDEFINITE FORMS
24	Day-24	Ray Optics: Reflection at plane & curved surfaces reflection at plane surface)	Electro chemistry	COMPLEX NUMBERS	CIRCLES
25	Day-25	Ray Optics: Lenses & Optical Instruments	Chemical kinetics	COMPLEX NUMBERS	CIRCLES
26	Day-26	Wave Optics	Chemical kinetics	DEMOIVRE'S THEOREM	CIRCLES
27	Day-27	Electrostatics : Force & Field	IUPAC	QUADRATIC EQUATIONS	SYSTEM OF CIRCLES
28	Day-28	Potential & Potential Energy	ISOMERISM	QUADRATIC EQUATIONS	SYSTEM OF CIRCLES
29	Day-29	Capacitors	GOC - I	THEORY OF EQUATIONS	PARABOLA
30	Day-30	Current Electricity	GOC - II	THEORY OF EQUATIONS	PARABOLA
31	Day-31	Current Electricity	GOC - II	BINOMIAL THEOREM	ELLIPSE
32	Day-32	Magnetic Effects of Current	Qualitative & Quantitative Analysis	BINOMIAL THEOREM	ELLIPSE
33	Day-33	Magnetism & Matter	Alkanes & Alkenes	PARTIAL FRACTIONS	HYPERBOLA
34	Day-34	Electromagnetic Induction	Benzene & Benzynes	PERMUTATIONS	HYPERBOLA
35	Day-35	A.C. & D.C Circuits	Alkyl halides, Aryl halides	PERMUTATIONS	INDEFINITE INTEGRATION
36	Day-36	Dual Nature of Matter	Alcohols, Phenols & Ethers	COMBINATIONS	INDEFINITE INTEGRATION
37	Day-37	Atoms	Aldehydes, Ketones	COMBINATIONS	DEFINITE INTEGRATION
38	Day-38	Nuclei	Carboxylic acids, Amines	PROBABILITY	DEFINITE INTEGRATION
39	Day-39	Semiconductor devices	Biomolecules	PROBABILITY	AREAS
40	Day-40	E.M. Wave	Chemistry In Everyday life	RANDOM VARIABLES	DIFFERENTIAL EQUATIONS
41	Day-41	Communication systems	Polymers	STATISTICS	DIFFERENTIAL EQUATIONS

Training Classes & Daily Tests	41 Days
Model Tests	04 Days
Total Days	45 Days

Daily Schedule	
05.00 AM to 06.00 AM	Warm up
06.00 AM to 07.30 AM	Study Hours
07.30 AM to 08.00 AM	Breakfast
08.00 AM to 09.00 AM	Break
09.00 AM to 01.00 PM	Training Classes
01.00 PM to 01.30 PM	Lunch Break
01.30 PM to 02.30 PM	Examination Preparation
02.30 PM to 04.00 PM	Daily Tests
04.00 PM to 05.00 PM	Break
05.00 PM to 06.30 PM	Discussion & Doubts
06.30 PM to 08.00 PM	Sports & Dinner Break
08.00 PM to 11.00 PM	Study Hours
11.00 PM to 05.00 AM	Rest