# DISTANCE LEARNING PROGRAMME

## STUDY MATERIAL COURSE & JOINT PACKAGE COURSE
## TARGET : JEE (Main + Advanced)

## SET # 04

**Dear Student, We are sending following books alongwith this checklist. Kindly check whether you have got all the books mentioned in this checklist.**

### PHYSICS

| S.No. | TOPIC COVERED | CLASS |
|---|---|---|
| 1 | Modern Physics-1, Modern Physics-2, Error & Measuements, Semiconductor, Principle of Communication | 12th |

#### Solutions of SET-3 & SET-4

| | | |
|---|---|---|
| 1 | Elasticity, Thermal Expansion, Calorimetry & Heat Transfer, KTG & Thermodynamics | |
| 2 | Fluid Mechanics, Simple Harmonic Motion | |
| 3 | Wave Optics, Wave on String, Sound Wave | |
| 4 | Modern Physics-1, Modern Physics-2, Error & Measuements, Semiconductor, Principle of Communication | |

### CHEMISTRY

| | | |
|---|---|---|
| 1 | Carboxylic Acids & its Derivative, Aliphatic Amines, Aromatic Compound, Biomolecules, Polymer & POC, Separation Techniques, Chemistry in Everyday Life | 12th |

#### Solutions of SET-3 & SET-4

| | |
|---|---|
| 1 | Ideal Gas, Real Gas, Atomic Structure, Chemical Equilibrium |
| 2 | Electrochemistry, Surface Chemistry |
| 3 | Salt Analysis, Heating Effects, s-Block Element & d- Block Compounds, Reactions of Salt Analysis |
| 4 | p Block Element, Hydrogen and its Compunds, f - Block Element, Environmental Chemistry |
| 5 | Carboxylic Acids & its Derivative, Aliphatic Amines, Aromatic Compound, Biomolecules, Polymer & POC, Separation Techniques, Chemistry in Everyday Life |

### MATHEMATICS

| | | |
|---|---|---|
| 1 | Complex Number, Probability, Relation, Statistic & Mathematical Reasoning | 11th + 12th |

#### Solutions of SET-3 & SET-4

| | |
|---|---|
| 1 | Conic Section (Parabola, Ellipse & Hyperbola) |
| 2 | Matrices and Vector-3D |
| 3 | Binomial Theorem, Permutation & Combination |
| 4 | Complex Number, Probability, Relation, Statistic & Mathematical Reasoning |

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|---|---|
| **Self Evaluation Test : Unit # 09** | **JEE-Advanced Paper-1 & 2** |
| **Self Evaluation Test : Unit # 10** | **JEE-Main** |
| **Self Evaluation Test : Unit # 09** | **JEE-Advanced Paper-1 & 2** |
| **Self Evaluation Test : Unit # 10** | **JEE Main** |
| **Self Evaluation Test : Unit # 09 & 10 (Solutions)** | **JEE-Advanced** |
| **Self Evaluation Test : Unit # 09 & 10 (Solutions)** | **JEE-Main** |