



# TEAM VISION

**Transforming Aspirants into Achievers**  
**CET/NEET COACHING TEAM**

WE ARE THE LEADING CET/NEET COACHING TEAM.  
OUR TEAM IS FULL OF HIGHLY QUALIFIED  
TEACHERS AND BEST FACULTIES.

# IPUC CET/NEET PCMB COURSE PLAN



## Objective:

A structured plan for CET PCMB coaching

► Coverage:

1. Physics, chemistry, Mathematics and Biology
2. Total hours
3. Value Proposition
4. Cost Breakdown

## Physics-Chapter wise hours

SL.NO	CHAPTER NAME	SYNOPSIS+MCQS	TOTAL
1	Units and measurements	2+3	5
2	Motion in a straight-line	2+4	6
3	Motion in a plane	2+4	6
4	Newton's laws of motion	2+4	6
5	Work, power & energy	2+4	6
6	System of particles	2+4	6
7	Gravitation	1+4	5
8	Mechanical properties of solids	1+3	4
9	Mechanical properties of fluids	1+4	5
10	Thermal properties of matter	2+4	6
11	Thermodynamics	2+4	6
12	Kinetic theory	1+3	4
13	Oscillations	2+3	5
14	Waves	2+3	5 Total=75 hours

## Chemistry-Chapter wise hours

SL.NO	CHAPTER NAME	SYNOPSIS+MCQS	TOTAL
1	Some Basic Concepts of Chemistry	2+2	4
2	Structure of Atom	2+2	4
3	Classification of Elements and Periodicity in Properties	2+2	4
4	Chemical Bonding and Molecular Structure	2+2	4
5	Thermodynamics	2+2	4
6	Equilibrium	2+2	4
7	Redox Reactions	2+2	4
8	Organic chemistry basic Principles	2+2	4
9	Hydrocarbons	2+2	4 TOTAL=36 Hours

## Mathematics-Chapter wise hours

SL.NO	CHAPTER NAME	SYNOPSIS+MCQS	TOTAL
1	Sets	2+4	6
2	Relations and Functions	2+4	6
3	Trigonometric Functions	2+5	7
4	Complex Numbers and Quadratic Equations	2+5	7
5	Linear Inequalities	2+4	6
6	Permutations and Combinations	2+5	7
7	Binomial Theorem	1+4	5
8	Sequence and Series	1+4	5
9	Straight Lines	1+4	5
10	Introduction to 3D Geometry	2+4	6
11	Limits and Derivatives	2+4	6
12	Statistics	1+3	4
13	Probability	2+3	5
Total			75 hours

## Biology-Chapter wise hours

SL.NO	CHAPTER NAME	SYNOPSIS+MCQS	TOTAL
1	UNIT I DIVERSITY IN THE LIVING WORLD 1 : The Living World 2 : Biological Classification 3 : Plant Kingdom 4 : Animal Kingdom	4+4	8
2	UNIT II STRUCTURAL ORGANISATION IN PLANTS AND ANIMALS 5 : Morphology of Flowering Plants 6: Anatomy of Flowering Plants 7: Structural Organisation in Animals	3+3	6
3	UNIT III CELL : STRUCTURE AND FUNCTIONS 8 : Cell : The Unit of Life 9 : Biomolecules 10 : Cell Cycle and Cell Division	3+3	6
4	UNIT IV PLANT PHYSIOLOGY 11 : Photosynthesis in Higher Plants 12 : Respiration in Plants 13 : Plant Growth and Developmen	3+3	6
5	UNIT V HUMAN PHYSIOLOGY 14 : Breathing and Exchange of Gases 15 : Body Fluids and Circulation 16 : Excretory Products and their Elimination 17: Locomotion and Movement 18: Neural Control and Coordination 19 : Chemical Coordination and Integration	6+6	12 Total =38 hours

## Summary of total Hours



- 1.PHYSICS- 75**
  - 2.CHEMISTRY-36**
  - 3.MATHEMATICS-75**
  - 4.BIOLOGY-38**
- TOTAL-224 Hours**

Classes will be done every Saturday and if possible Sunday  
If Saturday/Sunday whole day faculty comes-5-6 Hours teaching  
If the faculty half day comes he takes 3-4 hours  
Each Saturday one minimum subject if possible two subjects.

# Value proposition

- 
- Experienced faculty team
  - Chapter-wise Mock test
  - Daily practice sheets
  - Personalized doubt clearing sessions
  - Branded study material by experienced faculties of Team vision

## Experienced faculty Team:

**1.Mohammed Ismail**

**(M.Sc in Biochemistry,Mphil,KSET,CTET)**

**Coordinator of Team vision**

Department of Chemistry and Biology

20 years of experience in teaching PU students in  
GEM INTERNATIONAL COMPOSITE PU COLLEGE  
CET/NEET expert faculty

**2.Usman khan K.S**

**(M.Sc in Physics, CTET)**

**Administrator of Team vision**

Department of Physics

10 years of experience in teaching PU  
students in

SATYA SAI GROUP OF INSTITUTIONS AND  
GEM INTERNATIONAL COMPOSITE PU  
COLLEGE

CET/NEET expert faculty

**3.H.AMJAD PARVEZ**

**(M.Sc in Biology,MHA)**

Faculty in TEAM vision

Department of Biology

10 years of experience in teaching PU  
students in

GEM INTERNATIONAL COMPOSITE PU  
COLLEGE

CET/NEET expert faculty

**4.VAYEEZ AKRAM**

**(M.Sc in MATHEMATICS, GOLD MEDALIST)**

**Faculty in Team vision**

Department of Mathematics

5 years of experience in teaching PU students  
in

GEM INTERNATIONAL PU COLLEGE  
CET/NEET expert faculty