



# Nucleon IIT - JEE

## BOOSTER COURSE 2020

### PHYSICS

**SSI Sir**

(Sushil Kumar Sinha)  
B. Tech IIT Delhi  
Exp. 14 years  
Mob. 8209838957

### PHYSICAL & INORGANIC

**NV Sir**

(Naveen Verma)  
B.Tech. IIT Delhi  
Exp. 14 Years  
Mob. 8209916365

### ORGANIC

**VKP Sir**

(Vinay Kumar Pandey)  
M.Sc. IIT-BHU  
Exp. 15 Years  
Mob. 9057586906

### MATHEMATICS

**AS Sir**


(Arvind Singh)  
B.Tech.IIT Guwahati  
Exp. 16 years  
Mob. 9660404102

## Batch Details

- ✦ Starting From :- 12<sup>th</sup> Nov. 2019
- ✦ Course Duration :- 120 Days (upto 12<sup>th</sup> March)
- ✦ Course Covered :- Both **XI<sup>th</sup> JEE Syllabus**
- ✦ Timing :- 07:30 AM to 12:30 PM

## Course Features

- ✓ Choice to opt One / two / three subjects out of PCM
- ✓ All faculties are experienced IITians who have taught in Kota for more than 10 years
- ✓ Personalized Doubt Timing Each Day
- ✓ Video Lab for Revision Purpose
- ✓ Free Assistance for JEE Mains selected Students for JEE advanced Test
- ✓ Ideal batch strength
- ✓ Doubt clearing by same faculty
- ✓ Regular DPP & Sheet For Each Topic
- ✓ Complete NCERT discussion
- ✓ JEE Main & Advanced Level Tests
- ✓ 6 Class per week (each subject)
- ✓ Chemistry Taught by Two Subject Experts
- ✓ A.C. Class rooms
- ✓ weekly quiz
- ✓ Online test series
- ✓ Regular reporting of test results to parent

 **NUCLEON IIT - JEE**  
**PHYSICS**

<b>S.No.</b>	<b>Topic List</b>	<b>Class</b>
1	<b>Kinematics</b>	XI
2	<b>NLM</b>	XI
3	<b>Friction</b>	XI
4	<b>Work Power Energy</b>	XI
5	<b>Circular Motion</b>	XI
6	<b>Center of Mass</b>	XI
7	<b>Rotation</b>	XI
8	<b>Fluid Mechanics</b>	XI
9	<b>SHM</b>	XI
10	<b>Wave on String</b>	XI
11	<b>Sound Wave</b>	XI
12	<b>KTG and Thermodynamics</b>	XI
13	<b>Calorimetry and Thermal Expansion</b>	XI
14	<b>Unit and Dimension</b>	XI
15	<b>Surface Tension</b>	XI



# NUCLEON IIT - JEE

## MATHEMATICS

S.No.	Topic List	Class
1	BASIC MATHS & LOG	XI
2	QUADRATIC EQUATION	XI
3	SEQUENCE & PROGRESSION	XI
4	BINOMIAL THEOREM	XII
5	PERMUTATION & COMBINATION	XII
6	TRIGO RATIO & IDENTITY	XII
7	TRIGO EQUATION & INEQUALITY	XII
8	TRIGO SOLUTION & PROPERTIES OF TRIANGLE	XII
9	STRAIGHT LINES	XII
10	CIRCLE	XII

# NUCLEON IIT - JEE

## PHYSICAL & INORGANIC CHEMISTRY

S.No.	Topic List	Class
1	Mole Concept	XI
2	Periodic Table	XI
3	Atomic Structure	XI
4	Gaseous state	XI
5	Chemical Bonding	XI
6	Chemical Equ.	XI
7	Ionic Equilibrium	XI
<b>ORGANIC CHEMISTRY</b>		
8	Iupac & Nomenclature	XI
9	Structural Identification & POC	XI
10	Structural Isomerism	XI
11	Electronic Effect (GOC)	XI
12	Acid base tautomerism	XI