

JRS SANTIAGO ACADEMY

PROSPECTUS

CSIR UGC NET-JRF PHYSICS

DEC 2024

By Ex LOYOLA PROFESSORS

(25 Years Experience)

5 MONTHS COURSE

STARTS ON

12-07-2024

(Friday)

Weekdays : 6:30 p.m. – 8:00 p.m.

Sundays : 10:00 a.m. – 01:00 p.m.

Total Lecture Hours : 110

ONLY
ONLINE CLASSES

Wed
No Classes



DIRECTOR

Prof. Dr. S. XAVIER JESU RAJA M.Sc., M.Phil., Ph.D.

READER AND FORMER HEAD

Post Graduate and Research Department of Physics,
Loyola College, Chennai - 600 034.

95660 92362, 97910 93763, 63829 88904

SUBJECTS COVERED :

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Special Training for Part – A (Aptitude)

- Mathematical Physics
- Classical Mechanics
- Electro Magnetic Theory
- Quantum Mechanics
- Thermodynamics
- Statistical Mechanics
- Electronics
- Atomic & Molecular Physics
- Condensed Matter Physics
- Nuclear & Particle Physics

Part - A + Part - B (Core) + Part - C (Advanced)

The Entire Syllabus will be divided into 43 Units
Each unit will be covered in 2 or 3 Lectures (1.5 Hours)
Total MINIMUM 110/120 Lecture hours

- ☐ After each topic, **2** Tests will be conducted.
- e.g , **Mathematical Physics – 2** Tests.

- ☐ **TEST PAPERS** will contain questions from Previous years Ph.D Entrance Exams Conducted by **West Bengal, Hyderabad Central University, Jawaharlal Nehru University, Delhi University, TIFR, JEST, GATE, IIT-JAM, Maharashtra State Eligibility Test (MSET), Karnataka State Eligibility Test (KSET), etc...**

3 MODEL EXAMS will be conducted after completion of syllabus

T E S T S

FACULTY

Dr. S. XAVIER JESU RAJA,

Reader and Former Head of the Department,
Post Graduate and Research Department of Physics,
Loyola college, Chennai.

Prof. S. RAVICHANDRAN,

Former Head of the Department,
Post Graduate and Research Department of Physics,
Loyola college, Chennai.

Dr. PAULINE (Retd), & Dr. SHREE KUMARI (Retd),

Post Graduate and Research Department of Physics,
Loyola college, Chennai.

GUEST FACULTY

Dr. THIRUSENTHIL

Prof. SHANMUGA PRIYAN

Prof. SARATH KUMAR

Our Topper June 2022



Women Christian College, Chennai



JRS SANTIAGO ACADEMY

9, Sowrastra Nagar 6th Street, Choolaimedu, Chennai - 600 094.
(Near Nungambakkam Railway Station)

95660 92362, 97910 93763, 63829 88904

Email : jesuraja.jrssantiagoacademy@gmail.com

www.jrssantiagoacademy.com

EXAM PATTERN :

CSIR UGC NET EXAM PATTERN

The Question Paper is divided in three parts :

PART – 'A' : This part contains twenty (20) objective type questions. The candidates shall be required to answer any 15 Questions. Each question shall be of two marks. The total marks allocated to this section shall be 30 out of 200.

PART – 'B' : This part contains twenty five (25) objective type questions. The candidate shall be required to answer any 20 Questions. Each question shall be of 3.5 marks. The total marks allocated to this section shall be 70 out of 200.

PART – 'C' : This part contains thirty (30) objective type questions. A candidate shall be required to answer any 20 questions. Each question shall be of 5 marks. The total marks allocated to this section shall be 100 out of 200.

○ There will be negative marking for all parts @ 25% for each wrong answer.

- ❖ Library Facility Available in our JRS SANTIAGO ACADEMY
- ❖ CSIR-NET/JRF June 2011 to Dec 2023, GATE, TIFR, JEST, IIT JAM Previous Years Question Papers Will be Discussed
- ❖ Intensive In-depth Coaching
- ❖ Theory With Problem Solving Sessions
- ❖ Periodical Doubts Clearing Sessions
- ❖ Proven Track Records
- ❖ Sure Results

COURSE FEE : Rs. 20,000/-

**At the time of admission : Rs 10,000/-
Next 2 months : Rs. 5000/- + Rs. 5000/-**

Join JRS Santiago !!

Get Through UGC Net !!!

IIT JAM PHYSICS FEB 2025

by Retired LOYOLA PROFESSORS

11th
Batch

REGULAR BATCH

Weekly
3 Theory
Classes

Offline (Only Sunday) + Test

Timings : 10.00 a.m. to 3.00 p.m.

and

Online (Weekly Two days)

Timings : 6.30 p.m. to 8.00 p.m.

❖ 30 Regular Tests On Sundays (Compulsory) + Revision Tests + 3 Model Exams

- ❖ Proven Track Record
- ❖ More Theory & Problems Solving Sessions
- ❖ One to One Interactions
- ❖ Disciplined Learning Schedule
- ❖ Periodical Doubt Clearing Sessions

Study Materials



- Book 1 : 20 Years Question Bank
2015 - 2024 (New Pattern) - Fully Solved
2005 - 2014 Question Papers with Keys
- Book 2 : Mathematical Physics
- Book 3 : Kinetic Theory & Thermodynamics
- Book 4 : Mechanics
- Book 5 : Optics, SHM, Doppler Effect &
Bernoulli's Theorem
- Book 6 : Electrodynamics
- Book 7 : Electronics
- Book 8 : Atomic & Nuclear Physics, Statistical
Mechanics & SSP
- Book 9 : Quantum Mechanics & Relativity

IIT JAM 2024

IISc Bangalore
AIR 48



NOORIE

IIT Madras
AIR 93



MURUKAPRAN

IIT Mandi
AIR 699



LEOMARTE BENEDICT

IIT Tirupati
AIR 822



NIKHIL

IIT JAM 2023

IIT Madras



KAMALESH

IIT Palakkad



ROHITH

IIT Palakkad



SENMUGHAN

IIT Palakkad



TAMIZHSELVAN

NIT Puducherry



PRIYAVARSHINI

VIT Vellore



JAYAKUMAR

VIT Chennai



AKASH

IIT JAM 2022

IIT Madras



SATHEESH

NIT Trichy



ABEN SOLOMON DAVID

NIT Calicut



KAREL

NIT Trichy



KESAVAN

NIT Puducherry



GANAPATHY

IIT JAM 2020

IIT Delhi



GOPIKANTH

IIT Guwahati



ADITHYAN

IIT Hyderabad



NIVEDITHA

IIT Gandhi Nagar



HARSHAVARSHINI

IIT Patna



SAMAR HIRSHOLA

NIT Calicut



JULIAN

NIT Trichy



SHEERA VARSHINI

OUR TOPPERS



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