

Year Long Online Live Training for  
**CSIR-JRF-NET/ SET / GATE**  
**CHEMICAL SCIENCE**

150  
online  
hours



**ST ALOYSIUS COLLEGE**

(Autonomous)

Mangalore, Karnataka

Zoom /  
Microsoft Team/  
Google Meet  
platforms

Classes  
begin from  
Aug 1<sup>st</sup>

Timing  
6:00-7:30 pm  
4 Days/week

**Fees:**

**Rs. 4000 only**

Course Coordinator:  
Mr. Jeesu George

HOD  
Dr. Ronald Nazareth

Principal  
Rev. Fr Praveen Martis SJ



### DURATION

150 online hours

### TIMING

- On all Mondays, Wednesdays, Fridays 6:00pm to 7:30 pm and Saturdays 3:00pm to 6 pm

### COMMENCEMENT

August 1, 2020

### PATTERN

- Key points of theory followed by problem solving sessions
- Previous CSIR and GATE questions

### ASSESSMENT

- Self Assessment :
- 1 quiz per week (Online examination)
  - 1 model examination per month
  - 3 Final examinations

### FEATURES

- Certificates provided by the college
- Invited lectures

### FEES

Rs. 4000 only

### PLAT FORM

- Zoom/Microsoft Team
  - All videos of the classes will be uploaded in the college portal which can be viewed only by registered participants

## MODULES

### Physical

- Chemical Kinetics
- Electrochemistry
- Nuclear Chemistry
- Chemical thermodynamics
- Surface and colloid chemistry
- Group theory
- Solid State
- Molecular Spectroscopy
- Quantum mechanics

### Inorganic

- VSEPR theory and structures
- Main group elements
- Transition elements
- Organometallic compounds
- Inner transition elements
- Concepts of acids, bases
- Cages and metal clusters
- Bio-Inorganic Chemistry
- Analytical chemistry

### Organic

- Stereochemistry
- Aromaticity
- Named reactions
- Reagents
- Asymmetric synthesis
- Pericyclic reactions
- Heterocyclics
- Natural products
- Spectroscopy

Final year B.Sc Students who wish to attempt JAM examination may also join us as the topics are covered from basics.

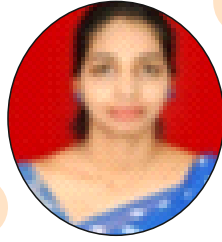
# OUR WINNERS



**JYOTHI VAZ**  
(SET)



**ROHAN AMANNA**  
(SET)



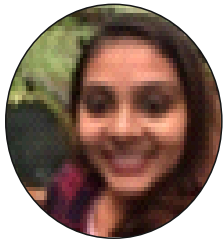
**PREEMA CEALLA**  
(SET)



**ANJALI ANURAJ**  
(JRF)



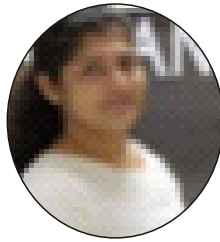
**SUBRAMANYA KUMAR**  
(CSIR-JRF, GATE, SET)



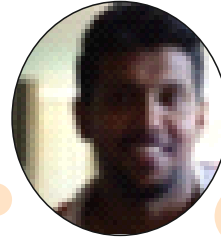
**NILEENA JOSE**  
(SET)



**ANKITHA**  
(SET)



**ROSHNI PEREIRA**  
(SET)



**JOEL CORNELIO**  
(SET)

# OUR TEAM



**Dr. RONALD NAZARETH**



**Dr. RICHARD GONSALVES**



**Ms. DEEPA VASANTH**



**Dr. JYOTHI N RAO**



**Dr. JOHN DEEPAK**



**Ms. NANDINI SHET**



**Dr. VINOLA RODRIGUES**



**Dr. DIVYA N SHETTY**



**Mr. JEESU GEORGE**



**Ms. PREEMA CEALLA**



**Ms. JYOTHI VAZ**



**Dr. AKSHATHA SALIAN**



**Ms. RANJITHA**



**Ms. NILEENA JOSE**

# Our Experience in Training

- 5 online certificate courses conducted by the department with more than 500 active participants and more than 150 live online sessions
- 100 hours of intensive online training programme for the students of St Aloysius College during lockdown period.
- 80 hours NET classes for the students of St Aloysius college during regular working hours.

## FOR REGISTRATION



USE THE LINK :

<https://sac-elearning.com/courses/net-training-course-for-chemical-science/>

OR

Scan QR code



APPLY NOW



Visit us at : [www.sac-elearning.com](http://www.sac-elearning.com)

### Contact:

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