



JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH

(A Deemed University)

Jakkur P.O, Bangalore 560064

Website: <https://www.jncasr.ac.in/academic/fandeprogrammes/poce/>

E-mail: poce@jncasr.ac.in Phone: 080-22082846

PROJECT ORIENTED CHEMISTRY EDUCATION (POCE) – 2023

INFORMATION

As part of its Science Outreach Programme, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) conducts a Project Oriented Chemistry Education (POCE) programme, for students studying in B.Sc first year (PCM) to explore their academic potential, stimulate deeper interest in science and infuse creativity and scientific temper amongst undergraduate students. Selected students will be given an opportunity to attend lectures, participate in laboratory projects and research. The programme will be conducted during the summer vacation for a period of 6 to 8 weeks over three **consecutive** summers. Selected students are expected to commit to the programme for three years and successful candidates will receive a Diploma in Chemistry from the Centre. Those who complete the POCE programme with outstanding performance will be eligible for admission to the MS-Ph.D programme in the Centre subject to a satisfactory performance in the interview.

Eligibility:

Students **presently studying in the 1st year of three year B.Sc programme only**

(Preferably with Physics, Chemistry, Mathematics, (PCM) combination).

Fellowships:

The total number of Fellowships offered will be up to **TEN**. A scholarship of Rs. **10,000/-** per month will be provided.

Announcement of selected candidates:

The list of selected candidates will be announced on the JNCASR website <http://www.jncasr.ac.in/fe/poce.php> on or before **20th April 2023**. The selected candidates will be intimated by email and post. Further enquiries or correspondence regarding the application status will not be entertained. Mere applying to the programme and satisfying the eligibility criteria does not guarantee selection. **Selected candidates must indicate their acceptance within a week of the email sent or else it will be presumed that they are not interested in joining the programme and the offer will be cancelled automatically. Any correspondence after the cancellation will not be entertained.**

Mailing address to send the completed application form by post and email:

The POCE Coordinator, Education Technology Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur.P.O., Karnataka, Bangalore - 560 064.

E-mail: poce@jncasr.ac.in (Application file size should be less than 5 MB)

Important dates:

Application start date:

30th March 2023

Last date for receipt of completed application form: **15th April 2023**

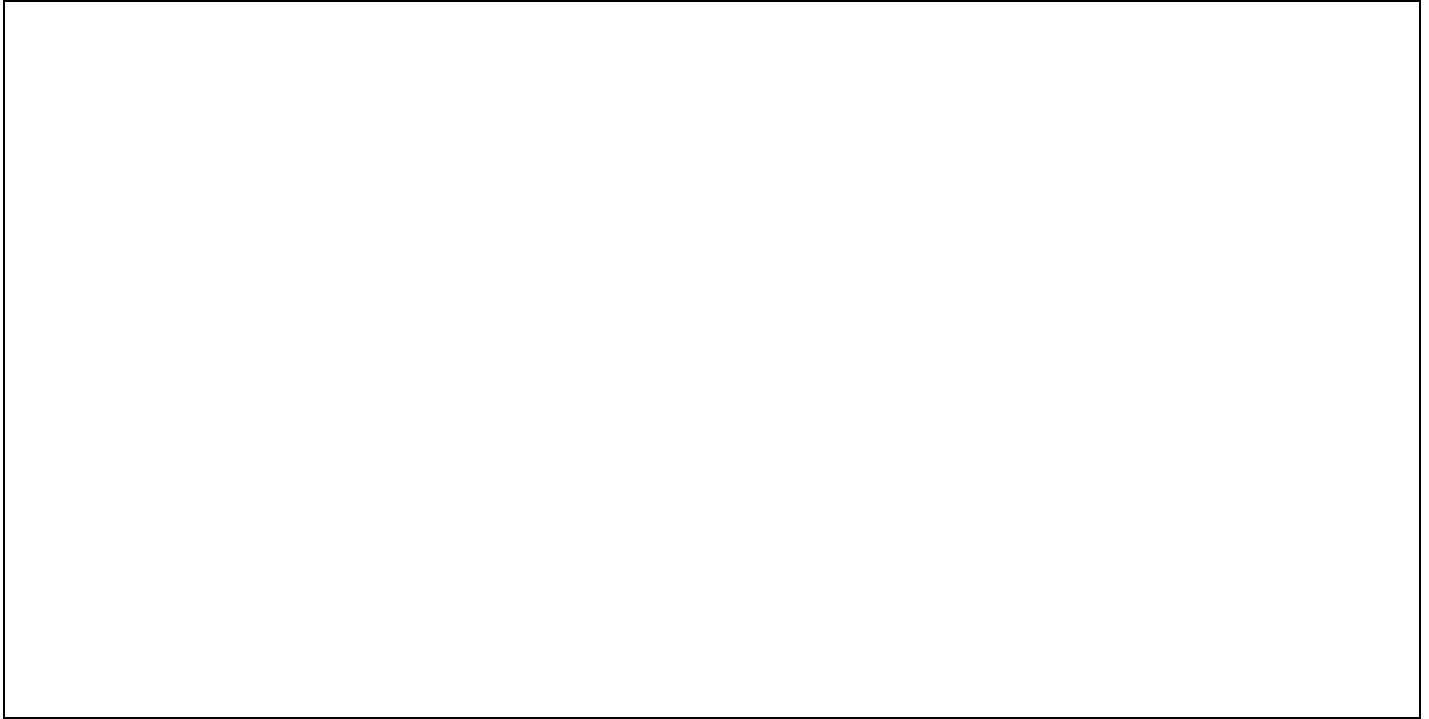
Announcement of selected candidates:

on or before 20th April 2023

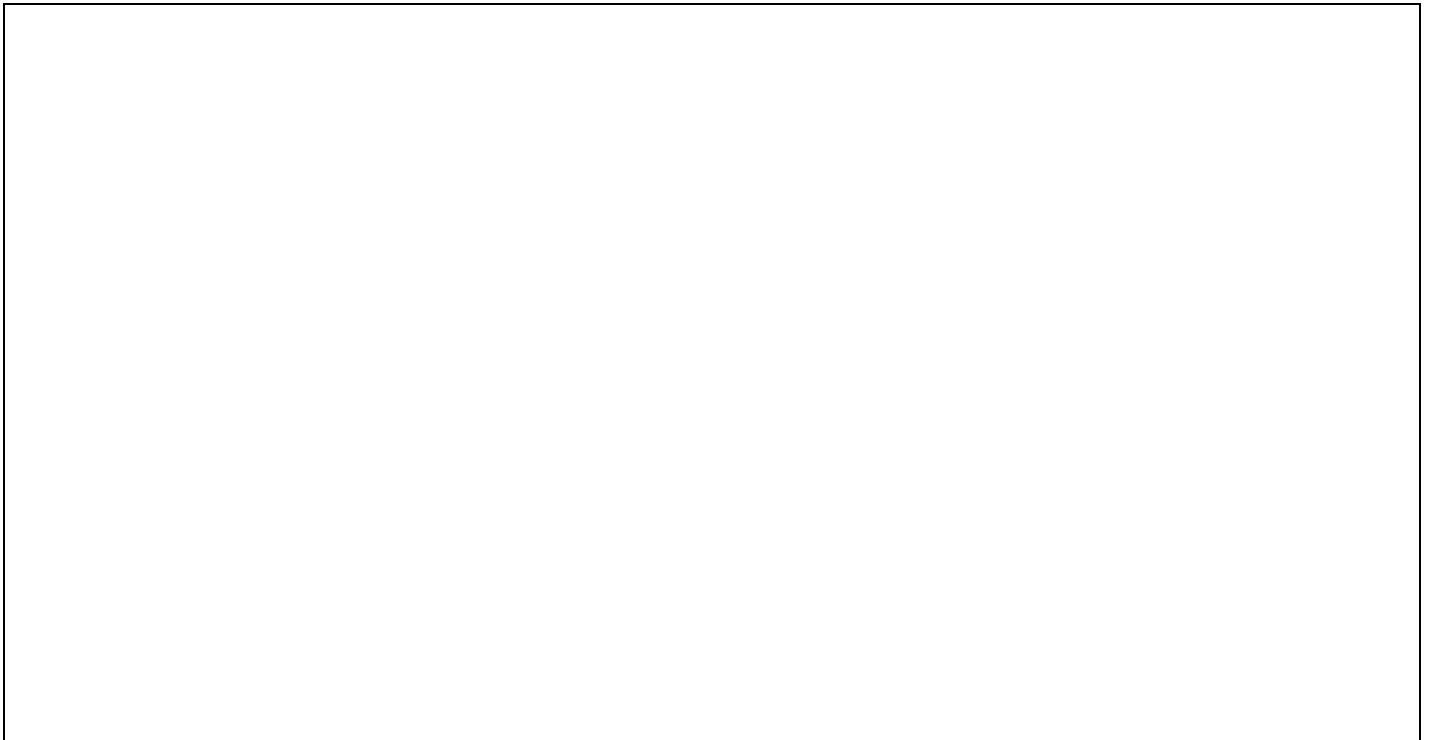
7. Educational background (SSLC/10th Standard or equivalent onwards. Attach attested copies of statement of marks by Principal of your College/Institution)

Examination	Institution	Year	Elective Subjects	% of marks or CGPA	% of Marks in Science Subjects	Average % of marks in PCM
SSLC/10 th standard/AISSE/equivalent						
PUC/12 th standard/AISSCE/equivalent						

8. Academic Awards/Scholarships/distinctions received: (Attach copies of certificates)



9. Give reasons why you should be selected for this programme.



10. Names and address of two teachers (school/college) who are likely to provide letters of recommendation.

(Please hand over the attached referee's report sheets to the referees and collect the same from them in a sealed envelope and mail along with your completed application form).

Referee (one)

_____ Pin <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							
Phone : _____							
Email :							

Referee (two)

_____ Pin <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							
Phone : _____							
Email :							

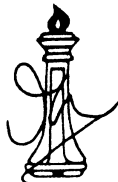
Place:
Date:

Signature of the Candidate

Signature of the Principal with Seal

Note: Please ensure that your completed application form is accompanied by two confidential reports from the Referees (in sealed envelopes) and attested copies of statement of marks by the Principal. The completed application form with all documents should reach the POCE Coordinator, JNCASR by 15th April, 2023 by post and email.

Any wrong information supplied by the applicant in the application form is subject to disqualification during any stage of the programme.



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Project Oriented Chemistry Education (POCE) - 2023

CONFIDENTIAL

Note to the Referee I

As part of its Science Outreach Programme, the Centre conducts a programme in chemistry for first year undergraduate students. The programme involving lectures, laboratory projects, and research will be conducted during summer vacations for a period of 6-8 weeks. Students selected are expected to work at the Centre for three such periods and successful candidates will receive Certificates of the Centre. You are requested to answer our queries below to support the student's application. The completed form may be passed on to the candidate in a sealed envelope signed across. **The candidate must mail your confidential report along with his/her application form by 15th April 2023 to:**

**The POCE Coordinator,
Education Technology Unit
Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur.P.O.,
Karnataka, Bangalore - 560 064.**



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Project Oriented Chemistry Education (POCE) -2023

Referee's Name :

Title / Position :

Institution :

Address :

Contact details :

RECOMMENDATION FOR POCE SCHOLARSHIP

1. (a) Candidate's name :

(b) Candidate's discipline of interest :

2. How long have you known the candidate?

3. How well do you know the candidate? (check as many boxes as possible)

as reported by others as my advisee

as a student in a class ofstudents

any other (please specify)

4. Please summarize your evaluation of the candidate by ticking the appropriate box in each of the categories (of evaluation) below.

	Exceptional	Very good	Good	Unable to Judge
a. Depth of knowledge and scientific interest				
b. Clarity of comprehension of concepts				
c. Ability to reason logically and clearly				
d. Ability to work independently or problem solving.				

5. What is your overall ranking of the candidate as compared with students you have known over a few years at his/her educational level?

Top 5%
(Exceptional)

Top 10%
(Very Good) (Good)

Top 25%

Out ofStudents

6. Describe any special skills [experimental, mathematical, computational or other skills] that the candidate has shown, which in your opinion make him/her deserve this fellowship.

7. Any other comment you would like to make about the candidate (you may highlight here any incident where the candidate has impressed you).

8. Rank order (If you are recommending more than one candidate, please rank order):

Place:
Date:

Signature of the Referee



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Note to the Referee II

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Project Oriented Chemistry Education (POCE)–2023

Referee's Name :

Title / Position :

Institution :

Address :

Contact details :

RECOMMENDATION FOR POCE SCHOLARSHIP

1. (a) Candidate's name :

(b) Candidate's discipline of interest :

2. How long have you known the candidate?

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as reported by others as my advisee

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a. Depth of knowledge and scientific interest				
b. Clarity of comprehension of concepts				
c. Ability to reason logically and clearly				
d. Ability to work independently or problem solving.				

5. What is your overall ranking of the candidate as compared with students you have known over a few years at his/her educational level?

<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Top 5%		Top 10%		Top 25%
(Exceptional)	(Very Good)		(Good)	

Out ofStudents

6. Describe any special skills [experimental, mathematical, computational or other skills] that the candidate has shown, which in your opinion make him/her deserve this fellowship.

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