



# JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH

JAKKUR, BENGALURU

## ADMISSIONS 2020

Applications are invited from eligible applicants for admissions to regular

- (1) Research Programmes [(Ph.D / MS(Engg.) / MS(Research)]
- (2) Masters in Chemistry (Two year programme)
- (3) Integrated Ph.D Programmes

The gist of the admission operations is given in the following paragraphs.

### 1. RESEARCH PROGRAMMES [Ph.D / M.S(Engg.) / M.S(Research)]

#### 1.1 Eligibility

Candidates with an M Sc., B E, B Tech, M E, M Tech or MBBS./MD are eligible to apply. They should have at least 50% in their highest University examination, and should also have qualified in the **GATE / JEST /GPAT or UGC -/ CSIR - NET-JRF/ / ICMR - JRF / DBT-JRF/ INSPIRE-JRF**. The award certificate of such test **should have the validity period** for seeking admission to research programme as on 1<sup>st</sup> August 2020. Generally ME/M.Tech students are required to qualify one of the exams mentioned above, however exceptional candidates without these exams may also be considered.

Units in JNCASR that you can apply with the following educational qualification							
Your degree	UNITS						
	CPMU	EMU	EIBU	MBGU	NCU	NSU	TSU
M.Sc.(Chemistry)	Yes		Yes	Yes	Yes		Yes
M.Sc.(Electronics)	Yes	Yes					Yes
M.Sc. (Maths)	Yes	Yes	Yes				Yes
M.Sc. (Physics)	Yes	Yes			Yes		Yes
M.Sc.(Materials Science)	Yes				Yes		Yes
M.Sc. (Botany)			Yes	Yes		Yes	
M.Sc. (Zoology)			Yes	Yes		Yes	
M.Sc. (Biotechnology)			Yes	Yes	Yes	Yes	
M.Sc. (Biochemistry)			Yes	Yes	Yes	Yes	
M.Sc.(Statistics)			Yes				
M.Sc.(Life Sciences)			Yes	Yes		Yes	
M.B.B.S./M.D.			Yes	Yes		Yes	
B.E./ B.Tech. (Aerospace)		Yes					Yes
B.E./ B.Tech. (in any biology related area)			Yes				
B.Tech. (Biotechnology)			Yes	Yes		Yes	
B.E./ B.Tech. (Chemical)		Yes					Yes

B.E./ B.Tech. (Mechanical)		Yes					Yes
B.E./ B.Tech. (Electrical)	Yes	Yes					Yes
B.E./ B.Tech. (Electronics)	Yes						Yes
B.E./ B.Tech. (Metallurgy)	Yes	Yes					Yes
B.E./ B.Tech. (Polymer)	Yes						
M.E./ M.Tech. (Aerospace)		Yes					Yes
M.Sc./M.Tech. (Bioinformatics)			Yes	Yes		Yes	
M.E./ M.Tech. (Chemical)	Yes	Yes					Yes
M.E./M.Tech.(Electronics)	Yes	Yes					Yes
M.E./ M.Tech. (Mechanical)		Yes					Yes
M.E./ M.Tech. (Electrical)	Yes	Yes					Yes
M.E./ M.Tech. (Polymer)	Yes						

## 1.2 Selection procedure

Candidates will be short-listed for an interview based on their overall performance and scores in the National Entrance Test or the qualifying degree for ME/M.Tech. The selection is based on the performance in the interview (in some units, a short-written test will precede the interview)

## 2 . MASTERS IN CHEMISTRY (TWO YEAR PROGRAMME)

### 2.1 Eligibility

- Applicants possessing a minimum of 55% marks at the B.Sc level.
- Those appearing in the final examination of their Bachelor's degree this year.
- Candidates who have qualified the Joint Admissions Test for Masters (JAM).

### 2.2 Selection procedure :

Shortlisted candidates based on fulfilling the eligibility criteria will have to appear for a written test at JNCASR. Based on the performance in the written test, candidates will be called for an interview.

## 3 . INTEGRATED PH.D PROGRAMME

### 3.1 Eligibility

<i>Disciplines</i>	
<i>Materials Sciences</i>	<ul style="list-style-type: none"> <li>Students with minimum of 55% marks at Bachelor's degree in any branch of Science with sound knowledge in the fundamentals of Physics, Chemistry and Mathematics.</li> <li>Candidates who have qualified the JAM 2020 written test (for Master's) are encouraged to apply</li> </ul>
<i>Chemical Science</i>	<ul style="list-style-type: none"> <li>Students with minimum of 55% marks at Bachelor's degree in any branch of Science with Chemistry as a major and mathematics as a subject at least up to PUC (10+2 level).</li> <li>Candidates who have qualified the JAM 2020 written test (for Master's) are encouraged to apply</li> </ul>

***Biological Science***

- Students with minimum of 55% marks at Bachelor's degree in any branch of Science can apply
- Candidates who have qualified the JAM 2020 written test (for Master's) are encouraged to apply

**3.2 Selection procedure:** Selection will be through the Joint Admission test for Master's (JAM) and /or JNCASR's written test, followed by an interview for shortlisted candidates on the same day or the following day. The JNCASR written entrance test for all the three disciplines will be held only at JNCASR, Bengaluru.

**HOW TO APPLY**

Applications for all the programmes mentioned above are available online. (**only online applications are considered**).

**APPLICATION FEE**

The application fee is Rs.500/- and is non-refundable. Any bank or payment gateway service charges must be borne by the applicant.

Options of online payment through net-banking, debit card/credit card etc is available.

**IMPORTANT DATES**

Website opens for on-line submission of applications	<b>28.02.2020</b>
Last date for submission of applications online (website closes at 23:59 hours on 13.04.2020)	<b>13.04.2020</b>

**Scholarships:** All the regular students (except Masters in Chemistry) joining JNCASR are eligible for a scholarship from JNCASR/ CSIR / UGC/ ICMR / DBT /INSPIRE depending upon their mode of entry.

The applicants are advised to visit the website <http://www.jncasr.ac.in/admit/> and website of the Unit of their interest to familiarize themselves with complete admission related matters, areas of research, etc.

**SC/ST/PwD/Women candidates are encouraged to apply.**

**ADMINISTRATIVE OFFICER**