

3. QUALIFICATIONS:

For all the categories listed below:

- i. Candidates should have consistently good academic record and should have secured minimum of 55% aggregate at graduation and post graduation levels from a recognized University. A relaxation of 5% of marks, from 55% to 50% or an equivalent relaxation of grade, will be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Persons with benchmark disabilities.
- ii. Candidates who have completed or pursuing (in final year/semester) the qualifying degrees are eligible to apply
- iii. Candidates in the final year/semester should have scored marks 55% and above aggregate until the previous semester/year and minimum aggregate of 55% in B.Sc./B.E./B.Tech. level [in the case of M.Sc./M.Tech. candidates]. In case such candidates eventually join the Centre, they shall have acquired aggregate marks of 55% in the qualifying degrees. Relevant certificates to this effect should be submitted at the time of joining the Centre. Wherever the results are declared as CGPA/GPA, it may be converted to percentage and entered. (The formula prescribed by the institute for conversion to be indicated at the time of verification).
- iv. UGC/AICTE approved Degrees from UGC/AICTE recognized Universities only will be accepted.

Category – A:

Masters in Science/ Integrated M. Sc. is the eligible qualification for the following subjects

S. No	Main Subject	Additional Requirements
1	Physics (General, Applied, Condensed matter, Nuclear, Theoretical)	Mathematics/Numerical Methods must be one of the subject at M.Sc. level <i>and</i> Chemistry as ancillary at B.Sc. Level
2	Materials Science/ Materials Science and Engineering	Physics, Mathematics and Chemistry at B. Sc. Level <i>or</i> B.Sc. in Materials Science
3	Chemistry (General, Applied, Organic, Inorganic, Physical, Analytical)	Physics and Mathematics as ancillary subjects at B.Sc. Level
4	Radiation Physics	Physics/ Chemistry and Mathematics as ancillary subjects at B.Sc. level
5	Atmospheric Science/Meteorology	Physics, Mathematics as ancillary subjects at B.Sc Level

Category – B:

- a) M.Tech./M.E in Nuclear Engineering / Nuclear Science & Technology
- b) M.Tech. in Atmospheric Science

Category – C:

B.E./B.Tech./B.Sc. Engg./B.Sc. [Tech.]. in any one of the following disciplines with a valid GATE score and cut-off as given in section 4.

- Chemical Engineering
- Computer Science Engineering
- Electronics and Communication Engineering
- Metallurgical Engineering
- Mechanical Engineering
- Materials Science & Engineering
- Materials Technology
- Engineering Physics

Category – D:

Candidates with M.E./M.Tech.

- i. Admission to M.E./M.Tech. should be on the basis of valid GATE score (A certificate from institution to the effect that admission to M.E./M.Tech. was based on GATE score should be submitted at the time of interview).
- ii. The GATE Score should be in the appropriate GATE Paper for any one of the disciplines mentioned in Category C.
- iii. Should have B.E./B.Tech./B.Sc. Engg./ B.Sc. [Tech.] degree in any one of the disciplines listed in Category C.
- iv. In case of candidates who joined M.E./M.Tech. without GATE, they should appear for the written test.

Candidates with the following qualifications are **NOT** eligible to apply

- i. Bachelors degree in Aerospace, Automobile, Production, Industrial Production, Reliability, Ceramics, Architecture, Geology, Mining, Bio-Medical Engineering, Bio-Medical Electronics / Instruments, Communication, Information Technology, Dyes & Dye Intermediates, Electrochemical, Energy Systems, Oils & Fats, Paints & Varnishes, Petrochemicals, Plastics, Paper, Sugar Technology, Textiles & Mechatronics.
- ii. B.Tech degree in Chemical Engineering under the category of petroleum, polymer, sugar, oil, soap technology, etc.
- iii. Master of Computer Applications & M.Sc. in Computer Science.
- iv. Candidates with M.Sc./Integrated M. Sc. in Particle physics, Electronics, Astrophysics, Geophysics, biophysics & medical physics.
- v. M.Sc. in Polymer, Medicinal, Pharmaceutical, Bio chemistry, Environmental and Industrial Chemistry.

4. SELECTION PROCEDURE:

Applications will be scrutinized and suitability of candidates will be decided on the basis of their degree and academic record. Short listed suitable candidates under different categories will be further selected based on **WRITTEN TEST and INTERVIEW or DIRECT INTERVIEW**. Written Test will be held on 03/05/2020(Sunday) at **Chennai**. Based on the number of applications received from various regions, number of Centres for written test may be increased and the same will be intimated to eligible candidates through call letter. A summary scrutiny of the application would be made for short-listing of candidates for the written test and detailed scrutiny of the eligibility of the candidate would be done at the time of interview.

Category A: Candidates with prescribed marks in the qualifying examination and satisfying any of the following conditions are exempted from written test:

- i. With valid UGC-CSIR-NET Fellowship (SLET/Lecturership is not eligible)
- ii. With valid JEST score of 90 percentile and above
- iii. With valid INSPIRE-DST Fellowship
- iv. With a valid GATE score after Master's degree above the cut off as given below:

Discipline	GATE cutoff - To appear directly for Interview
Physics	600 and above
Chemistry	600 and above

Other candidates will have to appear for the written test. Candidates shortlisted based on above criteria or written test will be called for interview.

Category B: Candidates with prescribed marks in the qualifying exam will have to appear for the written test and those short listed based on written test will be called for interview.

Dr. S. S. S. S.
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