

Indian Institute of Technology Jammu
Department of Computer Science & Engineering

Ph.D. Shortlisting and Selection Process in CSE discipline

Dated: - 19th May, 2021

The meeting for shortlisting criteria and selection procedure for Ph.D. admission in the department of Computer Science and Engineering, IIT Jammu was held online on 19th May 2021, 11:00 AM-1:00 PM.

The following criteria has been decided for shortlisting of PhD applications in CSE discipline.

Note:

Undergraduate Degrees Considered: B.Tech, B.E, BCA, and B.Sc.

Postgraduate Degrees Considered: M.Tech, M.E, MCA, and M.Sc.

CGPA is evaluated to be out of 10.

- 1. Required Discipline [In Undergraduate]:** Computer Science, Computer Engineering, Computer Science & Engineering, Information Technology, Information Sciences, Computer & Information Engineering, Software Engineering, Cyber Security, Data Science, Big Data Engineering, Electronics & Communication Engineering, Electronics Engineering, Electrical Engineering, Electronics & Electrical Engineering, Mathematics, Mathematics & Computing, Electronics & Instrumentation Engineering, Statistics. [Engineering and/or Technology are interchangeable in the Degree names]
- 2. Post Graduate and undergraduate requirements:**
 - i. General: 65% or above marks (7.0 CGPA or above)
 - ii. OBC: 65% or above marks (7.0 CGPA or above)
 - iii. SC/ST/PwD: 60% or above marks (6.5 CGPA or above)

If an applicant has done B.Sc. M.Sc. (and/or B.C.A, M.C.A) and M.Tech then he/she is required to fulfil the requirements of the Undergraduate and Postgraduate degree (in terms of C.G.P.A and percentage) in both B.Sc. (or BCA) and M.Sc. (or MCA) as described above.

- 3. For direct PhD after B.Tech,** the applicant should have 75% or above marks (8.0 CGPA or above) in B. Tech degree with a Valid GATE Score. A relaxation of 5% in percentage and 0.5 in CGPA for SC/ST/PwD applicants.
- 4. Master's degree in Science/MCA** 75% or above marks (8.0 CGPA or above) and a valid GATE score/UGC/CSIR-JRF/GPAT/ NBHM or equivalent qualification in the relevant area tenable for the year of registration. Exemption under schemes as agreed by the IIT Council for students of NITs/IITs/IIITs/IISERs/IISC may be acceptable. A relaxation of 5% in percentage and 0.5 in CGPA for SC/ST/PwD applicants. It should

be noted that the candidates with BSc/BCA as UG degree must fulfil the percentage/CGPA criteria mentioned in Point 2 (above).

Selection Process

1. Shortlisted applicants will go through a Written Test

- A Question Paper [*Multiple Choice/Descriptive, approx. 20-30 Questions, Duration: 45 Minutes, tentative on 1st June 2021*] will be set by department faculties.
- Syllabus: Same as the GATE 2020 Subject: Computer Science and Information Technology (Paper Code: CS).
- The students will receive the paper on the examination day over email and the paper may also be hosted on the IIT Jammu/Third Party website through which it can be downloaded.
- Students will finally submit the answer sheet within the stipulated time frame (as per the exam schedule) over an online form/portal/email. The answer sheet required from an applicant is an image of the sheet [hard paper] where students have marked their answers. More details will be made available to the applicants in the questions paper.

2. Technical/Personal Interview:

After evaluation of the answer sheets a second round of shortlisting will be done based on the marks obtained in the written test. Marks obtained in written test are just for shortlisting and will not be carried forward during personal/technical interview.

- The cut off marks of written test for various categories chosen by the committee will be published after the evaluation of all the answer sheets.
- Only the shortlisted candidates after the written test will be called/informed for an online interview.

3. Provisional Selection of Candidates

Final marks received after the personal/technical interview will be used to create a final merit list of provisionally selected candidates.