



## Advertisement for Admission to Ph.D. (Tech./Sci.) in Computer Science and Engineering

Interested candidates may apply for admission to the Department of Computer Science and Engineering, University of Calcutta (JD-2, Sector-III, Salt Lake, Kolkata – 700106) for a Ph.D. Course and subsequent research work leading to a Ph.D. degree. Candidates should apply in the prescribed proforma by paying Rs. 100/- (online) through SBI Collect [<https://www.onlinesbi.com/sbicollect/>]. The proforma for application is available with this advertisement on the University website. *Please note that this advertisement and the subsequent selection are to select the right candidate for enrolment into our Ph.D. program. Selection into the Ph.D. program does not guarantee any scholarship/stipend from either the Department or the University.*

1. The University of Calcutta Regulations for the Degree of Doctor of Philosophy (Ph.D.), 2016 (<https://www.caluniv.ac.in/PhD-Dlit-Dsc/Ph.D.Regulations-2016.pdf>) will overall guide the conditions for eligibility.

2. **Eligibility:** M.E./M.Tech./M.Sc./B.Tech./B.E. in Computer Science and Engineering, or equivalent and MCA. Candidates with B.Tech./B.E. may apply for the program as per provisions laid down in Section 6.4 of the Ph.D. regulations. The same criteria would also be applicable for MCA students. The final semester/year students for the above qualifying courses may also apply. However, such candidates, if selected, must complete their qualifying degree before the date of enrolment.

3. The admission procedure consists of an MCQ-based online test followed by an interview for candidates successful in the same. Applicants who have passed UGC/CSIR (JRF) examinations in Computer Science (including NET/SET/SLET/GATE/Teacher Fellowship or equivalent) or completed an M.Tech./M.E. degree in Computer Science and Engineering or equivalent are exempt from the test. However, all candidates have to apply within the due date and appear in the interview.

4. **Syllabus for the Test:** The questions for the admission test and interview will be on the following topics: Discrete Mathematics, Operating Systems, Data Structures, Algorithms, Computer Networks, Database Management Systems, Programming Languages (C, C++, Java), Computer Architecture.

The interview will generally be based on basic knowledge of computing but primarily on the research emphasis of the candidate.

5. **Maximum Number of seats:** 23.

6. Reservations to appropriate categories will follow the West Bengal Higher Educational Institutions (Reservations in Admissions) Rules, 2013.

### **Important Dates and Deadlines:**

Last date of submission of application form along with a copy of the SBI payment receipt: **December 08, 2020.**

Tentative date of MCQ-based online test: **December 15, 2020.**

Tentative date of interview: **December 26, 2020, and December 28, 2020.**

### **Note that all candidates are required to complete and submit the application form by email to:**

The Head, Department of Computer Science and Engineering, University of Calcutta, Acharya Prafulla Chandra Roy Siksha Prangan, JD-2, Sector-III, Salt Lake, Kolkata – 700106, India.

email: [rkdcomp@caluniv.ac.in](mailto:rkdcomp@caluniv.ac.in)

*The email should have a file (.zip) containing the application and the necessary documents (scanned and self-attested) as an attachment. The subject line of the mail must be "Application for Ph.D. 2020".*

**NOTE:** ALL FURTHER COMMUNICATIONS TO THE APPLICANTS WILL BE THROUGH EMAIL. APPLICANTS ARE THEREFORE REQUESTED TO WRITE THEIR EMAIL ADDRESSES CLEARLY IN THE DESIGNATED SPACE PROVIDED IN THE APPLICATION FORM.

**Application form for admission to the Ph.D. Programme  
Department of Computer Science and Engineering, 2020**

*Please affix  
self-attested  
photo here*

1. Name (in block letters):
2. Date of birth #:
3. Father's name: Mother's name:
4. Permanent address:
5. Address for correspondence:
  - a) Phone/Mobile no.:
  - b) E-mail id:
6. Whether SC/ST/OBC #:
7. Marital status:
8. Academic qualification # (attach a separate list, if required):

Examination Name	Year	Board/ University	Subjects	Division /Class	% of Marks

9. Broad area of specialization for proposed research:
10. Whether qualified in NET/SET/SLET/GATE/CSIR/Equivalent examination: YES / NO  
If the option for Sl. 10 is YES #, state the **Qualification, Percentage, & Year of Qualification**
11. Present position (if any):
12. Publications (attach a separate list, if required):

(Signature of the Candidate)

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# Please attach documentary evidence

**NOTE:** ALL FURTHER COMMUNICATION WITH THE APPLICANTS WILL BE DONE THROUGH EMAIL. APPLICANTS ARE THEREFORE REQUESTED TO WRITE THEIR EMAIL ADDRESSES CLEARLY IN THE DESIGNATED SPACE PROVIDED IN THE APPLICATION FORM.  
ALL ATTACHMENTS ARE TO BE SELF-ATTESTED.