

## **Department of Computer Science and Engineering**

**IIT Madras**

**17<sup>th</sup> May, 2022**

### **Eligibility Norms and Shortlisting Criteria for External/Part-Time/Project Staff Candidates for PhD Admission**

#### **Eligibility Norms:**

- The candidate should have completed a:
  - B.E/B.Tech. degree in Computer Science/Computer Science and Engineering/Information Technology/ Electronics and Communications Engineering (OR)
  - B.Tech. in Electrical Engineering from IITs (OR)
  - B.E/B.Tech. in disciplines very closely related to Computer Science (OR)
  - BCA+MCA degrees; B.Sc. (Computer Science)+M.Sc. (Computer Science).
  - For other related degrees, the CSE Dept. Admissions Committee will decide on a case-by-case basis.
- The candidate should have completed an M.E./M.Tech in Computer Science/Computer Science and Engineering/Information Technology or closely related field.
- For Part-Time candidates, candidate's workplace must be within 50 KM from IIT Madras.
- For External candidates, his/her current employer must be approved as an External research organization by the Govt of India's Department of Scientific and Industrial Research (DSIR), or by the Govt. of India's Department of Science and Technology (DST), or by IIT Madras.
- Part-time and External candidates must have a minimum of 2 years work experience in an organization, where the work done is relevant to CSE.
- Part-time and External candidates must submit a research proposal approved by a faculty of the Department, in order to be called for interview.
- Part-time and External candidates must submit the No Objection Certificate from the current employer, at the time of admission.
- Project staff candidates must have a minimum of 1 year work experience in the project on which the candidate is currently employed.
- Project staff candidates must have completed at least two 5000 or higher level courses in CSE Department, and have a CGPA of 7.50 or above in these courses.
- The period of experience for External and Part-time candidates is as on the last date for submission of applications, 30<sup>th</sup> April, 2022.

#### **Criteria for Shortlisting for Interview:**

- The cut-offs are given in the Table below.
- Weighted score =  $0.6*(UG\ Marks) + 0.4*(PG\ Marks)$
- UG Marks refers to the percentage of marks scored in the eligible degree (UG degree in Engineering. In the case of BSc-MSc or BSc-MCA applicants, we will consider  $0.6*BSc/BCA\% + 0.4*MSc/MCA\%$  as the UG Marks. In case of CGPA, equivalent marks is computed as  $100*(x/y)$  where x is the CGPA out of y, unless the candidate's University specifies a different conversion formula.
- For Integrated Degree programs, the overall final CGPA will be considered.

#### **Cut-offs:**

| <b>Category</b>           | <b>Weighted Score</b> |
|---------------------------|-----------------------|
| <b>General</b>            | 75.0                  |
| <b>OBC (NCL)/<br/>EWS</b> | 67.5                  |
| <b>SC/ST/PD</b>           | 60                    |

## **Eligibility Norms and Shortlisting Criteria for External/Part-Time/Project Staff Candidates for MS and Direct PhD Admission**

### **Eligibility Norms:**

- The candidate should have completed a B.E/B.Tech degree in Computer Science/Computer Science and Engineering/Information Technology/ Electronics and Communications Engineering (OR)
- The candidate should have completed BCA+MCA degrees or B.Sc (Computer Science)+M.Sc. (Computer Science) degrees
- The candidates with B.Sc.(Maths)+M.Sc.(Maths) degrees are eligible for Project Staff category only.
- For other related degrees, the CSE Dept. Admissions Committee will decide on a case-by-case basis.
- There is no admission into Direct PhD under External and Part-time categories.
- For Part-Time candidates, candidate's workplace must be within 50 KM from IIT Madras.
- For External candidates, his/her current employer must be approved as an External research organization by the Govt of India's Department of Scientific and Industrial Research (DSIR), or by the Govt. of India's Department of Science and Technology (DST), or by IIT Madras.
- Part-time and External candidates must have a minimum of 2 years work experience in an organization, where the work done is relevant to CSE.
- Part-time and External candidates must submit a research proposal approved by a faculty of the Department, in order to be called for interview.
- Part-time and External candidates must submit the No Objection Certificate from the current employer, at the time of admission.
- Project staff candidates for Direct PhD must have a minimum of 1 year work experience in the project on which the candidate is currently employed, at the time of admission.
- Project staff candidates for MS must have a minimum of 6 months work experience in the project on which the candidate is currently employed, at the time of admission.
- Project staff candidates must have completed at least two 5000 or higher level courses in CSE Department, and have a CGPA of 7.50 or above in these courses.
- The period of experience for External and Part-time candidates is as on the last date for submission of applications, 30<sup>th</sup> April, 2022.

### **Criteria for Shortlisting for Interview:**

- The cut-offs are given in the Table below.
- UG Marks refers to the percentage of marks scored in the eligible degree (UG degree in Engineering). In the case of BSc-MSc or BSc-MCA applicants, we will consider  $0.6 \times \text{BSc/BCA}\% + 0.4 \times \text{MSc/MCA}\%$  as the UG Marks. In case of CGPA, equivalent marks is computed as  $100 \times (x/y)$  where x is the CGPA out of y, unless the candidate's University specifies a different conversion formula.
- For Integrated Degree programs, the overall final CGPA will be considered.

#### **Cut-offs:**

| <b>Category</b>           | <b>UG Marks</b> |
|---------------------------|-----------------|
| <b>General</b>            | 75.0            |
| <b>OBC (NCL)/<br/>EWS</b> | 67.5            |
| <b>SC/ST/PD</b>           | 60.0            |