

**The following is Eligibility and Shortlisting Criteria of Chemical Engineering department for PhD admission:**

**PhD Regular/ External/ Part-time:**

Master's degree in Chemical/ Biochemical/ Petroleum/ Petrochemical/ Nanotechnology /Polymer or Bio-Polymer Engineering or Technology or a Master's degree by Research in Chemical/ Biochemical/ Petroleum/ Petrochemical/ Nanotechnology/Polymer or Bio-Polymer Engineering or Technology.

Candidates must have obtained at least 60% marks (or 6.5 CGPA) (55% marks or 6.0 CGPA for SC/ST) in their Master's.

OR

Candidates with a Master's degree in Physics/Mathematics/Chemistry with a good academic record and of exceptional merit are eligible. Candidates must have a valid GATE / UGC/CSIR-NET or equivalent qualification / DST-INSPIRE (PhD) or any other national fellowship in the relevant area tenable for the year of registration. Candidates with 2 Year M.Sc. in Physics/Mathematics/Chemistry from any centrally funded technical institute (CFTI) (entry through JAM) with 8.0 and above CGPA are exempted from qualifying in National Level Examinations. In addition to the aforementioned criteria, the candidate's research interest should be in sync with the research areas of the department.

\*\*\*In the case of PhD External/Part-time, the candidate possessing a Master's degree in Physics/Mathematics/Chemistry should have relevant experience with Chemical Engineering either in academia, research or industry. The candidate's research interest should be in sync with the research areas of the department.

*Minimum Eligibility Requirements for Direct PHD Admissions*

:

**For Students of Centrally Funded Technical Institutes (CFTIs)**

Research Area will be same as Regular Ph.D Program  
Studying in final year or Completed B.Tech/BE  
No GATE or other equivalent national exam qualification required  
CGPA of at least 8.0 out of 10.0

**For Students of Non-CFTIs**

Research Area will be same as Regular Ph.D Program  
Studying in final year or Completed B.Tech/BE  
GATE or other equivalent national exam qualification required at the time of joining  
CGPA of at least 8.0 out of 10.0

*Programme Details*

Regular PhD programme guidelines will be followed.

## **Shortlisting Criteria:**

### **PhD Regular/ External/ Part-time:**

Master's degree in Chemical/ Biochemical/ Petroleum/ Petrochemical/ Nanotechnology /Polymer or Bio-Polymer Engineering or Technology or a Master's degree by Research in Chemical/ Biochemical/ Petroleum/ Petrochemical/ Nanotechnology/Polymer or Bio-Polymer Engineering or Technology.

Candidates must have obtained at least 60% marks (or 6.5 CGPA) (55% marks or 6.0 CGPA for SC/ST) in their Master's.

OR

Candidates with a Master's degree in Physics/Mathematics/Chemistry with a good academic record and of exceptional merit are eligible. Candidates must have a valid GATE / UGC/CSIR-NET or equivalent qualification / DST-INSPIRE (PhD) or any other national fellowship in the relevant area tenable for the year of registration. Candidates with 2 Year M.Sc. in Physics/Mathematics/Chemistry from any centrally funded technical institute (CFTI) (entry through JAM) with 8.0 and above CGPA are exempted from qualifying in National Level Examinations. In addition to the aforementioned criteria, the candidate's research interest should be in sync with the research areas of the department.

\*\*\*In the case of PhD External/Part-time, the candidate possessing a Master's degree in Physics/Mathematics/Chemistry should have relevant experience with Chemical Engineering either in academia, research or industry. The candidate's research interest should be in sync with the research areas of the department.

### *Minimum Eligibility Requirements for Direct PHD Admissions*

:

#### **For Students of Centrally Funded Technical Institutes (CFTIs)**

Research Area will be same as Regular Ph.D Program

B.Tech/BE

No GATE or other equivalent national exam qualification required

CGPA of at least 8.0 out of 10.0

#### **For Students of Non-CFTIs**

Research Area will be same as Regular Ph.D Program

Studying in final year B.Tech/BE

GATE or other equivalent national exam qualification required at the time of joining

CGPA of at least 8.0 out of 10.0

### *Programme Details*

Regular PhD programme guidelines will be followed.