

# INSTITUTE OF CHEMICAL TECHNOLOGY

(University under Section-3 of UGC Act 1956) (formerly UDCT/ UICT, Mumbai)

Elite Status & Centre of Excellence – Government of Maharashtra

Matunga, Mumbai- 400 019, India

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## FACULTY RECRUITMENT

Applications are invited in the prescribed form available on Institute of Chemical Technology website [www.ictmumbai.edu.in](http://www.ictmumbai.edu.in) for the following teaching posts to be filled through endowment grants on permanent basis. The online application form can be submitted from September 30, 2017 to October 15, 2017.

Sr. No.	Name of Post	Number of Positions
<b>A – Department of Chemical Engineering</b>		
1.	The Darbari Seth Distinguished Professor in Chemical Engineering	1
2.	Narotam Seksaria Professor in Chemical Engineering	1
3.	V.V. Mariwala Assistant Professor in Chemical Engineering	1
<b>B – Department of Pharmaceutical Sciences and Technology</b>		
1.	Dr. John Kapoor Associate Professor in Pharmaceutical Technology	1
<b>GRAND TOTAL</b>		<b>4</b>

- If the suitable candidates are not found for appointments at higher level during scrutiny / selection process, the interested candidates may be considered for appointment at lower level in same department subjected to the fulfillment of other criteria as may be applicable.

### A. Pay scales and other essential and desirable conditions for appointment to above faculty positions -

#### 1. Professor –

**Pay scale –** Rs. 37400 - 67000 with AGP Rs. 10000  
(Minimum pay in Pay Band - Rs. 43,000)

#### Qualification –

- Ph.D. proceeded by UG / PG degree in the relevant branch of engineering / Technology / Pharmacy / Sciences in First class or equivalent CGPA score at either of the level.  
and
- Minimum cumulative experience of 15 years in Academics / Research / Industry gained after acquiring Bachelor's Degree, out of which at least 5 years must be at the level of Associate Professor or equivalent grade in Research / Industry.  
and
- Should have published minimum 25 research papers after Ph.D. in refereed journals with cumulative impact factor of 50.  
and
- Should have guided at least 5 Ph.D. students in the relevant field wherein,
  - \* A single guide to 3 master's students in the relevant field shall be considered equivalent to a guide for 1 Ph.D. student.

- \* 1 patent granted in the relevant field as a first investigator or where applicants own student is the first investigator and applicant himself is the co-investigator shall be considered equivalent to guiding 1 Ph.D. student.
- \* Technology Transferred at the commercial scale in the relevant field wherein applicant has major contribution in the development of Technology shall be considered in the ratio of 2:5 as guide to Ph.D. student.

**Age Limit** – Should not be more than 54 years of age.

**2. Associate Professor –**

**Pay scale** – Rs. 37400 - 67000 with AGP Rs. 9000

**Qualification –**

- a. Ph.D. preceded by UG / PG degree in the relevant branch of engineering / Technology / Pharmacy / Sciences in First class or equivalent CGPA score at either of the level.  
and
- b. Minimum cumulative experience of 8 years in Academics / Research / Industry gained after acquiring Bachelor's Degree, out of which at least 5 years must be at the level of Assistant Professor or equivalent grade in Research / Industry.  
and
- c. Should have published minimum 15 research papers after Ph.D. in refereed journals with cumulative impact factor of 25.  
and
- d. Should have guided at least 2 Ph.D. students in the relevant field wherein,
  - \* A single guide to 3 master's students in the relevant field shall be considered equivalent to a guide for 1 Ph.D. student.
  - \* 1 patent granted in the relevant field as a first investigator or where applicants own student is the first investigator and applicant himself is the co-investigator shall be considered equivalent to guiding 1 Ph.D. student.
  - \* Technology Transferred at the commercial scale in the relevant field wherein applicant has major contribution in the development of Technology shall be considered in the ratio of 2:5 as guide to Ph.D. student.

**Age Limit** – Should not be more than 45 years of age.

**3. Assistant Professor –**

**Pay scale** – Rs. 15600 - 39100 with AGP Rs. 6000

**Qualification –**

- a. Ph.D. preceded by UG / PG degree in the relevant branch of engineering / Technology / Pharmacy / Sciences in First class or equivalent CGPA score at either of the level.  
and  
Should have published minimum 5 research papers in refereed journals with cumulative impact factor of 10

**Age Limit** – Should not be more than 35 years of age.

**B. Equivalent qualification for the faculty positions in various departments shall be as following :**

Sr. No.	Name of Department	Corresponding Post(s) of Engineering / Technology / Pharmacy / Science	Relevant / Appropriate nomenclature of UG degree in Engineering / Technology / Pharmacy / Science	Relevant / Appropriate nomenclature of PG degree in Engineering / Technology / Pharmacy / Science	Relevant / Appropriate Doctoral Degree
1.	Chemical Engineering	Chemical Engineering	Chemical engineering	Chemical Engineering	Chemical Engineering
					Chemical Technology
					Bio Technology
					Bio Chemical Engineering
					Bioprocess Technology
					Bio Engineering
					Material Science and Technology
Other relevant field					
2.	Pharmaceutical Sciences and Technology	Pharmaceutical Technology	Pharmacy	Pharmacy	Biotechnology
			Pharmaceutical Chemistry & Technology	Pharmaceutical Technology	Biomolecular Engineering
			Pharmaceuticals & fine Chemicals	Biotechnology	Genetics
				Pharmaceutical Biotechnology	Bioinformatics
			Bioprocesses Technology	Pharmaceutical Biotechnology	Pharmaceutical Biotechnology
				Molecular Biology	Pharmacy with minimum Post Doctoral Experience of 2 years under above fields
				Any relevant field in Biotechnology	

**Instructions:**

1. The educational qualifications prescribed for a given post are the minimum and mere possession of the same shall not entitle a candidate to be called for an interview.
2. Candidates who do not have formal Master's degree but have earned their Ph.D. (integrated) directly after Bachelor's degree shall be evaluated through the course credits earned during their doctoral work.
3. If a Class/ Division is not awarded at the Bachelor's/ Master's level, a minimum of 60% marks in aggregate shall be considered equivalent to First class/ division. If a Grade Point system is adopted, the CGPA will be converted into equivalent marks.
4. Co-guideship for Ph. D / Masters Students shall not be considered for calculating equivalence as PH. D. guide.
5. The period of time taken by candidate to acquire M.Phil. and / or Ph.D. Degree shall not be considered as teaching/ research experience to be claimed for appointment to the teaching positions.
6. The publications based on the independent or guided research work during the qualifying service in the lower grade or those emanating from post-doctoral work in reputed academic/ research institute shall only be considered for calculation of merit. Applicant's own doctorate publications will not be considered except at Assistant Professor level.

7. Only those publications will be considered for calculation of impact factor where the applicant is the author for correspondence (Main author) or where at least one of the co-authors is his / her own student under supervision.
8. In case of candidates who have guided Ph.D.s/ Masters students, there should be publications/ patents arising out of the Ph.D. thesis in refereed national/ international journals. Merely guiding or co-guiding Ph.D. will not gain any weightage in the absence of publications.
9. The research papers published in cited research journals of repute in the relevant scientific areas shall only be considered for giving due merit.
10. The quality and impact factor of the journal for a specific discipline will be decided by the Scrutiny Committee and a cumulative impact factor for that discipline shall be as reported on Scopus and Web of Science.
11. In case of multiple author papers, or multi-institutional collaborations, the contribution of the candidate will be decided as per the status of the candidate whether s/he has worked as corresponding author/ supervisor, co-author or one of the students.
12. Assessment of Analytical ability test will be conducted for every candidate who is called for interview.
13. The short-listed candidates will be required to make three types of presentations before the Departmental Committee prior to interview by the Selection Committee:
  - 1) Classroom teaching,
  - 2) Past research and future research interests and
  - 3) Plans for out-reach activities.

The performance in these presentations along with analytical ability result will be one of the major criteria for selection of the candidate for faculty position.

#### **Important points to note before filling up the Application Form:**

1. Online application form is available on the ICT website [www.ictmumbai.edu.in](http://www.ictmumbai.edu.in) from September 30, 2017 to October 15, 2017. The Candidates are required to submit online application form along with supporting documents **on or before October 15, 2017**.
2. The Registration fee and application fee for the candidate for submitting the application shall be Rs. 100/- and Rs.1000/- respectively.
3. Candidates already employed must submit their applications through proper channel along with No Objection certificate from present employer.
4. Applications incomplete in any respect, applications without required supporting documents or those submitted after the last date of receipt of application will not be considered.
5. Candidates are requested to refer ICT website from time to time as all information and circulars will be notified on the website.

6. As per the Notification No. SRV.2000/CR (17/2000) XII, dated 28<sup>th</sup> March 2005 issued by General Administration Department, Mantralaya, Mumbai, a candidate shall submit the declaration of the small family in the prescribed proforma attached to the application form.
7. Teaching Experience as an approved teacher by the related University or equivalent authority will only be considered. Relevant experience and educational qualification will be counted as on the last date prescribed for submitting the applications, i.e. October 15, 2017.
8. The decision of the appointing authority will be final and binding on applicants and no correspondence in this regard will be entertained.
9. No correspondence with ineligible candidates will be made.
10. Candidates called for interview will have to remain present at their own expenses.
11. Candidates should invariably fill the information regarding court cases, pending criminal cases, disciplinary actions or equivalent, etc. in the relevant column of the application Form. In such cases, the Scrutiny Committee reserves the right to consider or not to consider the candidature for the recruitment. Any changes in this information as and when occurred after the submission of application form till the date of selection committee meeting for recruitment process should be brought to the notice of the Institute by the candidate, failing which the Institute reserves the right to cancel the candidature and to debar him/her from selection or after selection.
12. A person appointed to the post shall be on probation for a period of one year.
13. This is a rolling advertisement. After the current faculty recruitment process is over, the vacancies will be indicated on the ICT website and the process will continue till all the posts are filled up.
14. Candidates must upload the attested photocopies of the following supporting documents
  - a. Documents for administrative scrutiny –**
    1. Document in support of Date of Birth.
    2. Copy of Government Gazette or any other appropriate certificate in case of change in name.
    3. Small family declaration form in the given format with application form.
    4. No objection certificate from present employer.
  - b. Documents for Academics scrutiny –**
    1. Photo copies of mark-sheets and certificates supporting the educational qualifications from SSC onwards.
    2. Photo copies of University approval letters in case of teachers appointed in Colleges/ Institutions.
    3. Photo copies of Appointment orders and joining letters.
    4. Photo copies of Certificate of teaching experience and/ or post doctoral research.
    5. All related document to prove claims with regard to guideship for Ph.D./ M.Tech Students, certificate courses, refresher courses, additional

qualifications, publications, research papers, patents and commercial technologies.

**c. Required additional submissions -**

All candidates are required to submit the following documents in addition to the above mentioned essential documents along with their application.

1. Research statement and strength of research and its relevance to existing areas or emerging areas related to the activities of the ICT.
2. Teaching statement with regard to the course/subjects that the candidate would like to teach with respect to the following:
  - i. Undergraduate Courses
  - ii. Postgraduate Courses
  - iii. New Courses related to personal expertise to be taught at Ph.D. level.
  - iv. Interdisciplinary courses
3. Brief abstract of one or two research proposals to be submitted to funding agencies.
4. Type of in-house activities the candidate would like to undertake and also extra mural activities.
5. Type of teaching methodology to be adopted.
6. Types of industries where the candidate's research will have connectivity including names of some of them for industry - institute collaborations.
7. Whether interested in developing a new area of research based on his/ her exposure as Post- doctoral fellow or industrial experience or the like.

- **All the original certificates must be produced at the time of Interview.**