



INSTITUTE OF CHEMICAL TECHNOLOGY, MUMBAI

Category-I Deemed-to-be-University,
Elite Status & Centre of Excellence – Govt. of Maharashtra
Matunga, Mumbai- 400 019, India

Website: www.ictmumbai.edu.in; Email: ict.recruitment@ictmumbai.edu.in;
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• IOE BHUBANESWAR

• MUMBAI

• MARATHWADA JALNA

FACULTY RECRUITMENT – MUMBAI CAMPUS

No. Main Campus/Faculty Recruitment/128

Date: 8th July, 2022

Applications are invited in the prescribed form available on Institute website www.ictmumbai.edu.in for the following teaching posts (Assistant Professor) to be filled at the Mumbai Campus of the Institute on permanent basis. The online application form can be submitted on the portal <https://recruit.ictmumbai.edu.in> from 8th July, 2022 to 8th August, 2022. Candidates are also required to submit 2 (Two) signed copies of PDF printouts of the submitted form alongwith supporting documents which should reach the Institute on or before 17th August, 2022.

S.N.	Department	Designation	Entry Pay (in Rs.)	Pay level in matrix table for faculty appointment	No. of Posts
1.	Chemical Engineering	Assistant Professor	57700/-	Level -10	4
2.	Pharmaceutical Science and Technology	Assistant Professor	57700/	Level -10	3
3.	Polymer and Surface Engineering	Assistant Professor	57700/	Level -10	4
4.	Fibres and Textiles Processing Technology	Assistant Professor	57700/	Level -10	5
5.	Food Engineering and Technology	Assistant Professor	57700/	Level -10	3
6.	Specialty Chemical Technology	Assistant Professor	57700/	Level -10	4
7.	Oils, Oleochemicals and Surfactant Technology	Assistant Professor	57700/	Level -10	3
8.	Biological Science and Biotechnology	Assistant Professor	57700/	Level -10	5
9.	Chemistry	Assistant Professor	57700/	Level -10	3
10.	Physics	Assistant Professor	57700/	Level -10	2
11.	Mathematics	Assistant Professor	57700/	Level -10	4
12.	General Engineering	Assistant Professor	57700/	Level -10	2

As directed vide Government Notification, Higher and Technical Education Department No.-Misc-2019/C.R.94/19/Vishi-1, dated 7th April, 2022, the reservation of posts for direct appointment with respect to various cast /tribes / special backward category / other backward classes and economically weaker sections shall be at the Institute level and accordingly seat distribution of various teachers cadre (in the same scale/ level of pay) against available vacancy shall be as following:

S.N.	Designation	OPEN	SC	ST	DTNT(A)	NT(B)	NT(C)	NT(D)	SBC	OBC	Total
1.	Assistant Professor	14	4	3	2	2	2	1	2	12	42

- 10 % of total vacancy means 4 (Four) positions under Open category are reserved for candidates from Economically Weaker Section (EWS).
- 3% of the Reservation shall be applicable to the disabled persons having minimum of 40% disability as per GR: NYP 2011/P.K. 129/ Sudhar -3 dt. 4th August 2011, subject to availability / suitability.

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A. Pay scales/ level and other essential conditions for appointment on the post of Assistant Professor are as following –

- i. **Entry Pay and level in the pay matrix table – Rs. 57700/-, Level - 10**
- ii. **Qualification and Experience –**
- a. i) possesses first class or equivalent either at Bachelor's Degree or at Master's Degree in the relevant field of employment in Engineering / Technology / Pharmacy
 ii) Possesses first class or equivalent at Bachelor's Degree and Master's Degree in the relevant field of employment in Science
 and
 b. possesses Ph.D. in the relevant field of Engineering / Technology / Pharmacy / Sciences
 and
 c. have published at least 3 research publications in SCI Journals or Scopus indexed Journals
- iii. **Age Limit – Unless already in the service of Institute / Government are not more than 45 years of age which may be relaxed under the recommendation of scrutiny / selection committee in favor of candidates having exceptional qualification and experience.**

B. Relevant/Equivalent qualifications as per UGC/AICTE Norms for appointment on faculty positions against available vacancy positions at the level of Assistant Professor in various departments shall be as prescribed under AICTE notification no. 27/RIFD/Pay/01/2017-18, dated 28th April, 2017 and additionally as prescribed below:

Sr. No.	Name of Department	No. of posts	Relevant / Equivalent UG degree in Engineering / Technology / Pharmacy / Science	Relevant / Equivalent PG degree in Engineering / Technology / Pharmacy / Science	Relevant / Equivalent Doctoral Degree	Preferred area of Interest
1.	Chemical Engineering	4	B.E./B.Tech./ B.Chem.Engg. in Chemical Engineering	M.E./M.Tech./ M.Chem. Engg. in Chemical Engineering	Chemical Engineering	<ul style="list-style-type: none"> • Sustainable Engineering, • Renewable Energy Engineering • Environmental Engineering • Micro fluidics /Micro reactors Engineering / Bio-applications • Chemical Engineering aspects in Machine Learning / Artificial Intelligence / Process data analytics /Process control / Optimization
2.	Pharmaceutical Science and Technology	2	B.Sc(Tech) / B.Tech in Pharmaceutical Sciences and Fine Chemicals or Pharmaceutical Chemistry and Technology	M.Sc(Tech) /M.Tech in Pharmaceutical Chemistry or Pharmaceutical Technology or Other equivalent cross-disciplinary areas of Engineering and Technology	Pharmaceutical Chemistry or Pharmaceutical Technology or Other equivalent cross-disciplinary areas in Engineering and Technology relevant to the field	<ul style="list-style-type: none"> • Pharmaceutical Chemistry/ Medicinal Chemistry/ Pharmaceutical Technology -APIs, Intermediates, and Fine Chemicals/ Green and / Sustainable Chemistry related to Pharmaceutical Sciences and Technology /Pharmaceutics/Industrial Pharmacy/Drug Delivery Systems/Biopharmaceutics/ Pharmacognosy/Herbal Technology/Pharmacology/Clinical Pharmacology/ • Experimental Pharmacology/ • Pathophysiology/ Biochemistry/Pharmaceutical Analysis/ Enzymatic Processes/ Biotechnology/Enzyme Analysis, Molecular biology and biotech techniques./Analytical techniques including techniques for Bio-analysis
		1	B.Pharmacy	M.Sc. (Tech.) /M.Tech. in Pharmaceutical Chemistry or Pharmaceutical Technology or M.Pharmacy or Other equivalent cross-disciplinary areas of Engineering and Technology	Pharmaceutical Chemistry or Pharmaceutical Technology or Other equivalent cross-disciplinary areas in Engineering and Technology relevant to the field	

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3.	Polymer and Surface Engineering	4	B.Tech/ B.E/ B. Sc (Tech) in Polymer Engg & Tech or Plastic Engg & Tech or Surface Coating Tech or Paints Tech	M. Tech/M.E/M. Sc (Tech) in Polymer Engg & Tech or Plastic Engg & Tech or Surface Coating Tech or Paints Tech	Polymer Engg & Tech or Surface Coating Tech or Equivalent Engg & Tech	<ul style="list-style-type: none"> Polymer composite/ Blends & Alloys/ polymer evaluation/ polymer packaging/ Polymer chemistry/ Polymer recycling/ Surface coating development/ Additive synthesis/ adhesive
4.	Fibres and Textiles Processing Technology	3	B.Sc. (Tech)/ B.Tech/B.Text. in Fibres and Textile Processing or Textile Technology or Textile Engineering or Fibre Science or Textile Chemistry	M.Sc.(Tech.)/M. Tech. in Fibres and Textile Processing or Textile Technology or Textile Engineering or Fibre Science or Textile Chemistry	Fibres and Textile Processing or Textile Technology or Textile Engineering or Fibre Science or Textile chemistry	<ul style="list-style-type: none"> Fibre formation and processing / Advanced Textile materials / Functionalisation of textiles / Technical Textiles / Textile processing / Bio and Nano technology in textiles / Biopolymer/Medical textile / Textile waste management /Textile Effluent treatment
		2	B.Sc. General/Honors with Chemistry	M.Sc. in Chemistry or Textile Chemistry or Physical Chemistry or Organic Chemistry or Inorganic Chemistry or Analytical Chemistry	Chemistry or Textile Chemistry	<ul style="list-style-type: none"> Synthesis and applications of textile dyes & Auxiliaries/ Smart Textiles / Biotechnology / Sustainable Textile Processing / Functionalisation of textiles/ Textile Effluent Treatment / Green Energy Production / Chemical Kinetics
5.	Food Engineering and Technology	3	B. Tech/B.E/B. Sc (Tech) in Food Engineering and Technology or Food Processing and Preservation or Food Processing Technology or Food Technology or Food Technology and Management	M. Tech/M.E/M. Sc (Tech) in Food Engineering and Technology or Food Technology or Food Biotechnology or Food Plant Operations Management or Food Process Engineering and Management or Food Processing or Food Processing Technology or Food Safety and Quality Management or Food Technology and Management or Process and Food Engineering	Food biotechnology or Food Engineering and Technology or Food Plant Operations Management or Food Process Engineering and Management or Food Processing or Food Processing Technology or Food Safety and Quality Management or Food Technology or Food Technology and Management or Process and Food Engineering	<ul style="list-style-type: none"> Food Chemistry / Commodity Technologies / Biochemistry and Nutrition / Nutraceuticals and Functional Foods / Food Packaging / Fermentation Technology / Food Biotechnology / Traditional Foods / Food Quality and Safety

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6.	Specialty Chemical Technology	4	B.Tech/B.E/B.Sc (Tech) in Dyestuff Technology or Chemical Technology/Engineering	M.Tech/M.E/M.Sc (Tech) in Dyestuff Technology Or Perfumery Technology or Chemical Technology/Engineering	Ph.D. (Chemical Science/Chemistry / Chemical Technology/ Engineering)	<ul style="list-style-type: none"> field of textile/functional dyes Perfumery, Agrochemicals
7.	Oils, Oleochemicals and Surfactants Technology	3	B. Tech/B.E/B. Sc (Tech) in Oil Technology or Oils, Oleochemicals and Surfactants Technology	M. Tech/M.E/M. Sc (Tech) in Oil Technology or Oils, Oleochemicals and Surfactants Technology or Foods & Edible Oil	Oil Technology or Oils, Oleochemicals and Surfactants Technology or Relevant area of Engineering and Technology	<ul style="list-style-type: none"> Oils / oleochemicals / surfactants / perfumery chemicals / cosmetics / essential oils / formulations / applications and allied fields etc.
8.	Biological Sciences and Biotechnology	3	B.E./B.Tech. in Chemical Engineering or Chemical Technology or Biotechnology or Bioprocess Technology or B.Pharmacy	M.E./M.Tech. in Chemical Engineering or Chemical Technology or Biotechnology or Bioprocess Technology or M.Pharmacy	Appropriate branch of Chemical Engineering or Chemical Technology or Biotechnology or Bioprocess Technology or Relevant area of Engineering and Technology	<ul style="list-style-type: none"> Bioreactors / Bioenergy and Value-add Metabolites Engineering / Biofuel Technology / Algal Technology/Cell Culture Technology
		2	B.Sc in any Biological sciences discipline	M.Sc in any Biological sciences discipline	Appropriate branch of Biological Sciences/ Chemistry/ Biochemistry	<ul style="list-style-type: none"> Applied Biochemistry with Enzyme Catalysis / Application of Enzymes / Applied Organic Chemistry for Biofuels / Microbial Fermentation for Bioenergy/synthetic Biology
9.	Chemistry	3	B.Sc. General/Honors with Chemistry	M.Sc. in Chemistry or Physical Chemistry or Organic Chemistry or Inorganic Chemistry or Analytical Chemistry	Chemistry / allied subjects	<ul style="list-style-type: none"> Computational Chemistry/Inorganic Chemistry/Synthetic Organic Chemistry / Natural Product Synthesis/Physical Chemistry/Biochemistry/Electrochemistry/Catalysis/NMR/Crystallography
10.	Physics	2	B.Sc. General/Honors with Physics	M.Sc. in Physics	Physics	<ul style="list-style-type: none"> Material Science/Polymer Physics / Computational Physics / Advanced numerical packages for computational material science/quantum chemistry.
11.	Mathematics	4	B.Sc. in Mathematics/ Statistics	M.Sc. in Mathematics / Statistics	Mathematics / Statistics	<ul style="list-style-type: none"> Optimization Techniques / Geometry / Analysis / Number Theory / Differential Equations / Functional Analysis / Mathematical Biology / Computational Fluid Dynamics / Discrete Mathematics / Operation Research / Applied Statistics / Data Analytics / Machine Learning and Artificial Intelligence.

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12.	General Engineering	2	B.E./ B.Tech in Mechanical Engineering or Production Engineering	Mechanical or CAD/CAM or Machine Design or Energy Engineering / Technology or Heat Power Engineering or Thermal Engineering or Design Engineering or Computational Fluid Dynamics or Mechanical Design or Thermal Power or Production Engineering or Metallurgy and Material Science or Machine Tool Engineering	All fields relevant to PG Level	• Polymer composites / Solar energy / Energy Engineering / CFD and Materials Science
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C. Instructions:

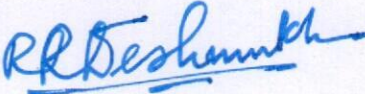
1. The educational qualifications prescribed for a given post are the minimum and mere possession of the same shall not entitle a candidate to be called for an interview.
2. Candidates who do not have formal Master's degree but have earned their Ph.D. (Integrated) directly after Bachelor's degree shall be evaluated through the course credits earned during their doctoral work.
3. If a Class/ Division are 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. The research papers published in cited peer reviewed journals of repute in the relevant scientific areas shall only be considered for giving due merit.
5. 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) Out-reach activities (Current and Future)

D. Important points to note before filling up the Application Form:

1. Online application form is available on the ICT website www.ictmumbai.edu.in at portal <https://recruit.ictmumbai.edu.in> from **8th July, 2022 to 8th August, 2022**. The Candidates are required to submit online application form along with supporting documents **on or before 8th August, 2022**.
2. The PDF printouts (2 copies) of the online application along with self attested supporting documents must reach to the Institute on or before **17th August, 2022** on following address
The Registrar,
Institute of Chemical Technology,
Nathalal Parekh Marg,
Matunga, Mumbai – 400019.
3. The application fee of Rs.1000/- (for General Category) and Rs. 500/- (for candidates belonging to reserved categories of State of Maharashtra), to be paid online before submitting the online form to the following bank account details as provided below:

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- a. Name of the bank:- Bank of Maharashtra
b. Account Number:- 20019400624
c. Branch name and address:- Kings Circle, Kaverineeta Bldg., Matunga, Mumbai 400019
d. IFSC code:- MAHB0000339
4. Candidates employed in Government Organization must submit their applications through proper channel along with No Objection Certificate from present employer.
 5. Candidates employed in Semi Government / Private Organizations will have to submit No Objection Certificate from the present employer at the time of interview.
 6. Applications incomplete in any respect, without required supporting documents or those submitted after the last date of receipt will not be considered.
 7. Candidates are requested to refer ICT website from time to time as all information and circulars will be notified on the website.
 8. As per the Notification No. SRV.2000/CR (17/2000) XII, dated 28th 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.
 9. Candidates belonging to the reserved categories as recognized in the State of Maharashtra shall only be considered under reserved categories. The candidate belonging to the reserved categories from outside the State of Maharashtra will be treated as Open.
 10. The age of the candidate shall be considered as on 8th August, 2022.
 11. The decision of the appointing authority will be final and binding on applicants and no correspondence in this regard will be entertained.
 12. No correspondence with ineligible candidates will be made.
 13. Candidates called for interview will have to remain present at their own expenses.
 14. 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.
 15. Any dispute related to this advertisement is subjected to Mumbai jurisdiction only.
 16. Candidates must attach the self-attested photocopies of the following supporting documents with printouts of submitted application form -
 - 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
 4. No objection certificate from present employer.
 5. Caste certificate issued by the component authority if candidate belongs to any of the reserved category, namely, SC/ ST/ DT NT-A/ NT-B/ NT-C/ NT-D/ OBC/ SBC/ EWS.
 6. Caste Validity Certificate/commitment to submit it within six months from the date of appointment order.
 7. Non creamy layer certificate for the candidate belonging to the DT NT-A, NT-B, NT-C, NT-D, OBC, SBC and EWS categories, issued by the component authority.
 8. Physically Disabled Certificate from competitive authority as may be applicable
 - b. Documents for academics scrutiny –
 1. Photo copies of mark sheets and certificates supporting the educational qualifications from SSC and onwards.
 2. Photocopies of appointment orders and joining letters.
 3. Photo copies of Certificate of teaching experience and/ or Post Doctoral Research/ Industrial Experience.
 4. All related document to prove claims with regard to guideship for Ph.D./Masters students, certificate courses, refresher courses, additional qualifications, publications, research papers, patents and commercialization of technologies.
- All the photo copies of the documents must be self attested.
 - All the original certificates must be produced at the time of Interview.



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