



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

Website : www.ictmumbai.edu.in ; email : recruit@ictmumbai.edu.in

Tel: 022-3361-1111/ 2222, Fax: 022-3361-1020

Mumbai

ICT-IOC, Bhubaneswar

ICT Marathwada, Jalna

FACULTY RECRUITMENT

Applications are invited in the prescribed form available on the Institute website www.ictmumbai.edu.in for the following faculty positions to be filled at ICT Marathwada off-Campus, Jalna and ICT-IOC Odisha off-Campus, Bhubaneswar. The online application form can be submitted from September 05, 2019 to September 20, 2019.

Faculty Requirement at ICT

Name of Post		Number of Posts
A. ICT Marathwada off-Campus, Jalna		
1.	Professor in Chemical Engineering	01
2.	Associate Professor in Chemical Engineering	02
3.	Associate Professor in Food Engineering and Technology	01
4.	Associate Professor in Pharmaceutical Technology	01
5.	Associate Professor in Materials and Polymer Engineering	01
6.	Assistant Professor in Chemical Engineering	03
7.	Assistant Professor in Petrochemical / Energy Engineering	01
8.	Assistant Professor in Lipid / Oil Technology	01
9.	Assistant Professor in Biotechnology	01
10.	Assistant Professor in Mechanical Engineering	01
11.	Assistant Professor in Electrical / Electronic Engineering	01
12.	Assistant Professor in Engineering Mathematics	01
13.	Assistant Professor in Computer Science and Engineering	01
14.	Assistant Professor in Applied Physics	01
15.	Assistant Professor in Physical Chemistry	01
16.	Assistant Professor in Communication Skill and Humanities	01
17.	Librarian	01
Total		20

Name of Post		Number of Posts
B. ICT – IOC Odisha off-Campus, Bhubaneswar		
1.	Professor in Chemical Engineering	01
2.	Associate Professor in Chemical Engineering	02
3.	Associate Professor in Food Engineering and Technology	01
4.	Associate Professor in Pharmaceutical Technology	01
5.	Associate Professor in Materials and Polymer Engineering	01
6.	Assistant Professor in Chemical Engineering	03
7.	Assistant Professor in Petrochemical / Energy Engineering	01
8.	Assistant Professor in Lipid / Oil Technology	01
9.	Assistant Professor in Biotechnology	01
10.	Assistant Professor in Mechanical Engineering	01
11.	Assistant Professor in Electrical / Electronic Engineering	01
12.	Assistant Professor in Engineering Mathematics	01
13.	Assistant Professor in Computer Science and Engineering	01
14.	Assistant Professor in Applied Physics	01
15.	Assistant Professor in Physical Chemistry	01
16.	Assistant Professor in Communication Skill and Humanities	01
17.	Librarian	01
Total		20

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 –

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 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

c. i. should have published minimum 25 research papers after Ph.D. in refereed journals with cumulative impact factor of 50.

or

ii. Candidates claiming the cumulative experience only from industries should have independent involvement for at least 5 years in the field of quality up-

gradation, quality assurance and ensuring various national level certifications for industrial production processes.

and

- d. 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.

Note – The candidates claiming cumulative experience only from industries shall be exempted from the 'd' above subjected to the condition that they should have ample documentary evidence of their involvement in project implementation or as industry experts / external examiner / research project reviewer with academics institutes of repute at the Master's / Ph.D. level for atleast 5 years and must have working experience in the implementation of commercialization process of Developed Technologies at the industrial level.

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. i. 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.

Note - The candidates claiming cumulative experience only from industries shall be exempted from the 'c' and 'd' above subjected to the condition that they should have ample documentary evidence of their involvement in project implementation or as industry experts / external examiner / research project reviewer/ with academics institutes of repute at the Master's / Ph.D. level for atleast 3 years and must have working experience in the implementation of commercialization process of developed technologies at the International level.

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

***The condition of research papers and impact factor shall not be mandatory for appointments in Communication Skills, Engineering Mathematics and Library.**

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

3. Librarian –

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

Qualification –

a. Ph.D. preceded by UG / PG degree in Library Science in First class or equivalent CGPA score at either of the level.

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

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

Sr. No	Branch of Engineering / Technology / Science	Relevant / Equivalent qualifications at UG level	Relevant / Equivalent qualifications at PG level	Relevant / Equivalent Doctoral Degree
1.	Chemical Engineering	Chemical engineering	Chemical Engineering	Chemical Engineering Chemical Technology Bio Technology Bio Chemical Engineering Bioprocess Technology Bio Engineering Material Science and Technology
2.	Food Engineering and Technology	Food Technology Food Process Engineering	Food Technology Food Process Engineering	Food Technology Fermentation Technology Bio Chemical Engineering Other Relevant field
3.	Pharmaceutical Technology	Pharmacy Pharmaceutical Technology	Pharmacy Pharmaceutical Technology	Pharmacy Pharmaceutical Technology Other Relevant field

4.	Materials and Polymer Engineering	Plastics Technology	Plastics Technology	Plastics Technology
		Polymer Technology	Polymer Technology	Polymer Technology
		Plastics Engineering	Plastics Engineering	Plastics Engineering
		Polymer Engineering	Polymer Engineering	Polymer Engineering
		Paint Technology	Paint Technology	Paint Technology
		Surface Coating Technology	Surface Coating Technology	Surface Coating Technology Other Relevant field
5.	Petrochemical / Energy Engineering	Petrochemical Engineering	Petrochemical Engineering	Petrochemical Engineering
		Chemical Engineering	Chemical Engineering	Chemical Engineering
		Energy Engineering	Energy Engineering	Energy Engineering Other Relevant field
6.	Biotechnology	Biotechnology	Biotechnology	Biotechnology
		Green Technology	Green Technology	Green Technology
		Biochemical Engineering	Biochemical Engineering	Other relevant field
		Chemical Engineering	Chemical Engineering	
		Applied Sciences	Applied Sciences	
7.	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
		Production Engineering	Production Engineering	Production Engineering Other relevant field
8.	Electrical / Electronic Engineering	Electrical and Electronic Engineering	Electrical and Electronic Engineering	Electrical and Electronic Engineering
		Electrical and Electronic Powers System	Electrical and Electronic Powers System	Electrical and Electronic Powers System
		Electrical And Electronic and Power	Electrical And Electronic and Power	Electrical And Electronic and Power
		Electrical Engineering	Electrical Engineering	Electrical Engineering
		Electronic Engineering	Electronic Engineering	Electronic Engineering Other relevant field
9.	Engineering Mathematics	Mathematics	Mathematics	Applied Mathematics
		Applied Mathematics	Applied Mathematics	Engineering Mathematics
		Engineering Mathematics	Engineering Mathematics	Other relevant fields
		Statistics	Statistics	
10.	Computer Science and Engineering	Computer Science and Engineering	Computer Science and Engineering	Computer Science and Engineering
		Computer Science	Computer Science	Computer Science
		Computer and Communication Engineering	Computer and Communication Engineering	Computer and Communication Engineering
		Software Engineering	Computer and information science	Software Engineering
			Artificial Intelligence	Other relevant fields
			Biometrics and Cyber Security	
11.	Applied Physics	Physics	Physics	Physics
		Applied Physics	Applied Physics	Applied Physics
			Electronics	Material Physics Engineering Physics Other relevant fields
12.	Physical Chemistry	Chemistry	Physical Chemistry	Physical Chemistry
13.	Communication Skill and Humanities	Any Bachelors Degree	English	English
				Communication skill Other relevant fields
14.	Library	Library Science	Library Science	Library Science

C. Instructions:

1. The candidate wishing to apply for more than one position / off-Campuses must submit independent application for each position / campus.
2. The candidates nominated by the Eminent Academicians such as Vice Chancellor / Directors of the Institute of National importance and Eminent Scientist shall be considered for the interview subjected to the fulfilment of the related conditions of appointment prescribed above.
3. 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.
4. 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.
5. 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.
6. Co-guideship for Ph. D / Masters Students shall not be considered for calculating equivalence as Ph. D. guide.
7. 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.
8. 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.
9. 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.
10. 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.
11. The research papers published in cited peer reviewed journals of repute in the relevant scientific areas shall only be considered for giving due merit.

12. 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.
13. 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.
14. Assessment of Analytical ability test will be conducted for every candidate who is called for interview.
15. 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.

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

1. Link for Online application form shall be activated on the ICT website www.ictmumbai.edu.in from 5th September, 2019 to 20th September, 2019. The Candidates are required to submit online application form along with supporting documents **on or before 20th September, 2019**.
2. The appointments shall be carried out on temporary basis which may be made permanent subjected to the roster finalization, category of selected candidates and approval of the Board of the Governors of the Institute.
3. The application fee of Rs.1000/- (for General Category) and Rs. 500/- (for candidates belonging to reserved categories of State of Maharashtra), shall be paid online while submitting the form.
4. Candidates already employed must submit their applications through proper channel along with No Objection certificate from present employer.
5. 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.
6. Candidates are requested to refer ICT website from time to time as all information and circulars will be notified on the website.

7. 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.
8. For reserved posts, candidates belonging to the concerned reserved category only should apply.
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. 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.
11. The age of the candidate as on 5th September, 2019
12. 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. **20th September, 2019**.
13. The decision of the appointing authority will be final and binding on applicants and no correspondence in this regard will be entertained.
14. No correspondence with ineligible candidates will be made.
15. Candidates called for interview will have to remain present at their own expenses.
16. 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.
17. A person appointed to the post shall be on probation for a period of one year.
18. 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.
19. 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.
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.
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 and SBC categories, issued by the component authority.

b. Documents for Academics scrutiny –

1. Photo copies of marksheets 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.**

R. D. Deshmukh
30/08/19
Registrar