



# 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 on permanent basis. Last date for receiving application is **June 05, 2015 at 5.00 pm** in the Administration Section.

(Retirement age of ICT faculty is 65 years as per Statutes of Institute of Chemical Technology approved by Government of Maharashtra vide G.R. No.DHORAN -2013/(135/13)/TE -2, dated 9th April 2014)

Sr. No.	Name of Post	Category		
		Open	SC	ST
1.	Professor of Chemical Engineering	1 + 1 @	-	01
2.	Associate Professor in Chemical Engineering	01	01	01
4.	Associate Professor in Colour Chemistry	-	01	-
5.	Assistant Professor in Dyestuff Technology	-	01	-
6.	Professor of Fibre Science	-	01	-
7.	Associate Professor in Fibre Science	-	01	-
8.	Professor of Fermentation Technology	-	01	-
9.	Associate Professor in Microbiology	01	-	-
11.	Professor of Oil Technology	01	-	-
12.	Professor of Oil Chemistry	-	01	-
13.	Associate Professor in Chemistry of Oils, Fats & Waxes Technology	01 #	-	-
14.	Professor of Pharmaceutical Chemistry	01 @	-	-
15.	Professor of Medicinal Chemistry	01	-	-
16.	Associate Professor in Pharmacognosy and Phytochemistry	-	01	-
17.	Associate Professor in Pharmaceutical Sciences	-	-	01
19.	Professor of Polymer Technology	01	-	-
20.	Professor of Paint Technology	-	01	-
21.	Associate Professor in CAS in Applied Chemistry	01 @	-	-
22.	Professor of Physical Chemistry	-	01	-
23.	Associate Professor in Physico-Inorganic Chemistry	-	01	-
25.	Assistant Professor in Chemistry	-	-	01
28.	Professor of Solid State Physics	-	01	-

29.	Professor of Applied Physics	01	-	-
31.	Professor of Applied Mathematics	01 #	-	-
32.	Associate Professor in Mathematics	-	01	-
33.	Associate Professor in Applied Mathematics	01 @	-	-
34.	Professor of General Engineering	01 #	-	-
35.	Assistant Professor in Mechanical Engineering	-	01	-
36.	Drawing Office Superintendent (Assistant Professor Level)	-	-	01
37.	Sr. Librarian (Associate Professor Level)	01 #	-	-
42.	Assistant Professor in Chemical Engineering	-	01	01
43.	Assistant Professor in Food Technology	01	-	-
44.	Assistant Professor in Micro- Analysis	-	01	-
45.	Assistant Professor in Physics	01	01	01
46.	Associate Professor in Physics	-	01	-
<b>TOTAL</b>		<b>17</b>	<b>18</b>	<b>07</b>

# These are Isolated Posts and candidates from any category can apply.

@ These posts reserved for women.

#### General terms and conditions for the faculty posts:

##### 1. For Assistant Professor's post:

- a) The candidate must have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/ SET.
- b) Candidates possessing Ph.D. degree in accordance with the University Grants Commission (Minimum Standards and Procedures for award of Ph.D. degree) Regulations, 2009, shall be exempted from the requirement of the minimum eligibility condition of NET/SLET/SET.
- c) NET/SLET/SET shall also not be required for such Masters Programme's in disciplines for which NET/SLET/SET is not conducted.
- d) 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.
- e) The publications may be based on the doctoral work of the candidate.
- f) The AICTE has laid down a minimum qualification of Bachelors/Masters degree with first class. In the case of Ph.D. holders 5 additional increments are given. The following qualifications will be applicable in ICT.
  - (i) For any appointment as Assistant Professor at ICT, additionally Ph.D. degree will be mandatory. In case of candidates who are Ph Ds of ICT, they should have a minimum experience of 2 years as Post Doctoral Fellow (PDF) from a renowned institute/university

in India or abroad or industrial experience in a relevant industry. Such a candidate will be given 5 increments on the basic salary.

- (ii) In certain branches of Chemical Technology and Biotechnology, Materials and Energy Science and Engineering, the candidate may not have the Bachelor's degree in the concerned stream but has acquired Ph.D. in that discipline and proven track record of publications and patents, and has the capacity to teach basic courses at Bachelors level and specialized courses at Masters and Ph D level can be considered for the appointment as Assistant Professor. In such cases, the probation period will be extended to 3 years and the candidate will be evaluated through student feedback and peer review.
2. **For Associate Professor's post:** The candidate from academia must have been actively involved in research and guided at least two Ph.D. / five Master's candidates with high quality publications.

**Candidates from Academia or Research Institutes of National Importance or Foreign University**

- a) Ph.D. in relevant discipline is mandatory.

**And**

- b) A candidate who has applied for Associate professor's post should have guided minimum **2 Ph.D students in the relevant field.**

**And**

- c) The applicant should have published minimum of 5 research papers after Ph.D. with cumulative impact factor of more than 20 in refereed journals (Only those publications will be considered for calculation 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. Applicant's own doctorate publications will not be considered.)

A candidate who has applied for Associate professor's post but does not satisfy the condition of having guided **2 Ph.D students** or where is partly satisfying it, but may have equivalent research output. For those candidates who are in academic institutes where programs are not offered or for subject areas where PhD numbers are significantly less at National level, compared to subjects such as chemistry, physics, life sciences, mathematics and biotechnology or from candidates from Industry, equivalence is defined below.

**Equivalence of Published research output to supervising 1 Ph.D. student is defined as follows:**

- The applicant should have guided 3 masters as a single guide in a reputed institute with research project in the subject area. Co-guideship is not acceptable for Masters students.

OR

**Only in case candidates from industry (if not satisfying research publications – PhD students supervised criteria)**

2 patents granted and 1 licensed for exploitation, where the applicant from industry is the first investigator or where applicant's own student is the first investigator and applicant is co investigator.

3. **For Professor's post:** The candidate should have guided five Ph.D. or equivalent work/ Patents.

## **Candidates from Academia or Research Institutes of National Importance or Foreign University**

- a) Ph.D. in relevant discipline is mandatory.

And

- b) A candidate who has applied for Professor's post should have guided minimum **5 Ph.D students in the relevant field.**

And

- c) The applicant should have published minimum 25 research papers in refereed journal with cumulative impact factor of 50. (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. Applicant's own doctorate publications will not be considered.)

A candidate who has applied for Full Professor's post but does not satisfy the condition of having guided **5 Ph.D students** or where, is partly satisfying it, but may have equivalent research output. For those candidates who are in academic institutes, where the programs are not offered or for subject areas where PhD numbers are significantly less at National level, compared to subjects such as chemistry, physics, life sciences, mathematics and biotechnology or from candidates from Industry, equivalence is defined as followed:

**Equivalence of Published research output to supervising 1 Ph.D. student is defined as follows:**

- The applicant should have guided 3 masters as a single guide in a reputed institute with research project in the subject area. Co-guideship is not acceptable for Masters students.

OR

**Only in case candidates from industry (if not satisfying research publications – PhD students supervised criteria)**

Five (5) patents granted where the applicant from industry is the first investigator or where applicant's own student is the first investigator and applicant is co investigator.

**and/or**

Two (2) technologies transferred at commercial scale where sufficient evidence is produced that the applicant has major contribution in the development of the technology in the relevant field w.r.t the teaching position subject area that is being filled.

4. Candidates who have already worked on the government approved schemes such as INSPIRE, Fast Track, or having at least 5 years of industry, research or academic experience after Ph.D. will be considered as equivalent to Assistant Professors and the same rules will be applied for consideration for appointment to a higher stage as per the Government norms.
5. Candidates who do not have formal Master's degree but have earned their Ph.D. (integrated) directly after Bachelor's degree should have enough course credits during their doctoral work.
6. 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.
7. A relaxation up to 5% in the marks or corresponding CGPA will be admissible at the Master's level for the candidates belonging to the reserved category.

8. In case of candidates who have guided Ph.D.s, 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 should be published in cited research journals of repute in the relevant scientific areas.
10. 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.
11. For Associate Professor's and Professor's post, the publications to be considered should be 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.
12. The quality and impact factor of the journal for a specific discipline will be decided by the Selection Committee and a cumulative impact factor for that discipline will be calculated.
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, i.e., corresponding author/ supervisor, co-author or one of the students. Of the total contribution for the relevant category of publication by the candidate, the corresponding author/supervisor and co-authoring faculty should share equally 60% of the total points and the remaining 40% would be shared equally by the all the student coauthors.
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.
16. The maximum age limits for application to various Government approved academic positions are as prescribed by the Government of Maharashtra.
 

▪ Professor	-	54 years
▪ Associate Professor	-	45 years
▪ Assistant Professor	-	35 years
17. Pay Scales:
 

a) Professor	:	Rs. 37400-67000 with AGP Rs. 10000 (Minimum pay in Pay Band- Rs. 43,000)
b) Associate Professor	:	Rs. 37400-67000 with AGP Rs. 9000
c) Assistant Professor	:	Rs. 15600-39100 with AGP Rs. 6000

**This is a rolling advertisement for various faculty positions at ICT.**

- A. Position NO. 1, 2, 4-9, 11-17, 19-23, 25, 28, 29, 31-37 refer to the same number as in old advertisement having last date of application as February 07, 2014.
- B. For these positions earlier applicants if still interested, must resend updated application without any payment. Age of these applicants will be considered as on February 07, 2014.

- C. New candidates for all the positions in this advertisement (including those mentioned in point No. A) must apply as per following details.

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

1. Application form is available on the ICT website [www.ictmumbai.edu.in](http://www.ictmumbai.edu.in) link to **Vacancy Advertisement for Faculty Recruitment on permanent basis**. The Candidate should submit THREE copies of duly filled application each consisting of the printout of the filled application form along with all the enclosures to the “Assistant Registrar (Administration) Institute of Chemical Technology, Nathalal Parekh Marg, Matunga, Mumbai-400019” by Registered Post A/D only.
2. The last date of receiving application is **June 05, 2015**.
3. Application should be accompanied with a non-refundable Pay Order/ Demand Draft of Rs.1000/- (for Open Category) and Rs. 500/- (for candidates belonging to reserved categories of State of Maharashtra), of nationalized Bank drawn in favour of “Institute of Chemical Technology, Mumbai”, payable at Mumbai.
4. Candidates already employed must submit their applications through proper channel along with No Objection certificate from present employer.
5. The envelope containing application form should be super scribed as “Application for the Post of \_\_\_\_\_ and serial No. \_\_\_\_\_.”
6. Candidates residing abroad must send a hard copy of the application by post duly signed, so as to reach this office on or before the last date. Scanned or photo copy of the application will not be considered.
7. Applications incomplete in any respect, applications without required supporting documents or those received after the last date of receipt of application will not be considered.
8. Candidates are requested to refer ICT website from time to time as all information and circulars will be notified on the website. No inquiry regarding eligibility criteria shall be entertained.
9. The ICT will not be responsible for any delay or non acknowledgment of postal correspondence.
10. 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 as “Proforma A”. The eligibility of the applicant will be determined as provided under this rule.
11. 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.
12. Positions mentioned at Sr. No. 16 and 17 being at same level are vacant for SC/ ST candidates. Those will interchangeable subject to availability of suitable qualified candidates from either category.
13. For reserved posts, candidates belonging to the concerned reserved category only should apply.
14. Women reservation will be applicable as per Govt. of Maharashtra Resolution No. 82/2001/MSA-2000/CR 415/K-2, dated 25<sup>th</sup> May, 2001 only for the candidates domiciled in

- Maharashtra and having Non Creamy Layer Certificate based on last three years income. If suitable women candidate is not available, the post shall be filled up by the suitable male candidate.
15. Reservation not less than 3% for disabled persons as per GR NYP 2011/P.K. 129, Sudhar -3 dt. 4<sup>th</sup> August 2011, will be available, subject to availability/ suitability.
  16. Candidates from any category can apply to the isolated positions marked by #.
  17. Teaching Experience as an approved teacher will only be considered. Relevant experience and educational qualification will be counted as on the last date prescribed for making applications, i.e. June 05, 2015.
  18. The decision of the appointing authority will be final and binding on applicants and no correspondence in this regard will be entertained.
  19. No correspondence with ineligible candidates will be made.
  20. Candidates called for interview will have to remain present at their own expenses.
  21. Selected candidates are required to pass examinations in Marathi and Hindi languages and certificate in computer operation according to the rules of Government of Maharashtra.
  22. The appointee would be covered under new "Defined Contribution Pension Scheme" and that the existing Pension Scheme (i.e. Maharashtra Civil Services Pension) Rules, 1982 and Maharashtra Civil Services (Commutation of Pension Rules, 1984) and General Provident Fund Scheme will not be applicable to them.
  23. 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.
  24. A person appointed to the post shall be on probation for a period of one year.
  25. 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.
  26. For any inquiry please contact Assistant Registrar (Administration), ICT Mumbai - 400 019 between 11.00 a.m. to 5.00 p.m., Tel. Direct: 022 3361 1156.
  27. Candidates must attach the attested photocopies of the necessary supporting documents with the hard copy of the duly filled application in the following order:

**Annexure "A": [Mark them A (1) to A (6), whichever is relevant, and attach collectively]**

- A(1)** Document in support of Date of Birth.
- A(2)** Copy of Government Gazette or any other appropriate certificate in case of change in name.
- A(3)** Small family declaration form [Proforma A] is available at the end of application form.
- A(4)** 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.
- A(5)** 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 after the date 01.04.2013.

- A(6)** Caste Validity Certificate. If not obtained, candidate belonging to the reserved category and appointed against the reserved post, shall submit his/ her Caste Validity certificate within six months from the date of appointment order.

**Annexure "B": [Mark them B(1) to B(4), whichever is relevant, and attach collectively]**

- B(1)** Documents related to educational qualifications, such as Board/ Degree certificates, Statements of Marks (both side photo copies) of all the relevant examinations.
- B(2)** For claiming exemption from the requirement of minimum eligibility condition of NET/SLET/SET for the post of Assistant Professor, a document from the concerned University stating that the candidate has been awarded a Ph.D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedures for award of Ph.D. Degree) Regulations, 2009.
- B(3)** Copy of research publications/ cover page, Index pages and relevant extracts of books published by the candidate in the field of the specialization concerned.
- B(4)** Necessary documents related to the Academic Performance Indicator (API) for the post of Professor and Associate Professor, as follows:-
- B(4).a.** Self Assessment proforma complete in all respects clearly mentioning minimum API score required for the respective post. (PBAS Form made available separately on the website). Applicable to candidates in teaching services.
  - B(4).b.** Photo copies of first page of all the research publications which has mention of all details such as journal, volume, pages, year, corresponding author, etc.
  - B(4).c.** Photo copies of certificates of participation in National/ International conferences.
  - B(4).d.** Photo copies of documents related to student's theses submitted/ degrees awarded.
  - B(4).e.** Photo copies of sanction letters for Projects.
  - B(4).f.** Photo copies of certificates of training courses attended.
  - B(4).g.** Documents in support of scores stipulated in Academic Performance Indicator (API).

**Annexure "C": [Mark them C(1) to C(4), whichever is relevant, and attach collectively]**

- C(1)** Photo copies of University approval letters in case of teachers appointed in Colleges/ Institutions.
- C(2)** Photo copies of Appointment orders and joining letters.
- C(3)** Photo copies of Certificate of teaching experience and/ or post doctoral research.
- C(4)** Certificate from the employer stating the pay and allowances drawn at present.

**Annexure "D": Collectively:**

Two testimonials.

**Annexure "E" collectively:**



Documents in respect of indicating contribution to educational innovation, design of new curricula and courses and technology- mediated teaching process.

#### **Annexure “F”: Additional documents to be attached:-**

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

- F(a)** Research statement and strength of research and its relevance to existing areas or emerging areas related to the activities of the ICT.
  - F(b)** 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
  - F(c)** Brief abstract of one or two research proposals to be submitted to funding agencies.
  - F(d)** Type of in-house activities the candidate would like to undertake and also extra mural activities.
  - F(e)** Type of teaching methodology to be adopted.
  - F(f)** Types of industries where the candidate's research will have connectivity including names of some of them for industry - institute collaborations.
  - F(g)** If the candidate has earned any of his degrees from the ICT, whether he/ she would like to develop 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.**
  - Institute reserves its right to fill-in any of the vacancies advertised. So also Institute reserves its right to appoint or not to appoint the candidates though recommended by the Selection Committee.

**ESSENTIAL & DESIRABLE QUALIFICATIONS FOR APPOINTMENT OF TEACHING  
FACULTY AT ICT**

Sr. No.	Name of Post	Professor of Chemical Engineering
1.	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Chemical Engineering with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p align="center">AND</p> <p><b>1. b)</b> Doctoral degree in Chemical Engineering / Chemical Technology / Biotechnology / Biochemical Engineering / Bioprocess Technology / Bioengineering / Materials Science and Technology / other such cross – disciplinary areas relevant to the field.</p> <p align="center">AND</p> <p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research and having significant contributions in areas like - Chemical Reaction Engineering / Transport Phenomena / Thermodynamics / other such emerging cross – disciplinary areas relevant to the field.</p> <p align="center">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Significant contributions in the areas of Basic Research / Process Development / Basic Engineering / Detailed Engineering / Technology Development / Scale-Up, etc.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute/patents. Experience of handling industrial consultancy/sponsored projects.
2.	Name of Post	<p align="center"><b>Associate Professor in Chemical Engineering</b></p> <p><b>1. a)</b> Bachelor's and / or Master's degree in Chemical Engineering with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p align="center">AND</p> <p><b>1. b)</b> Doctoral degree in Chemical Engineering / Chemical Technology / Biotechnology / Biochemical Engineering / Bioprocess Technology / Bioengineering / Materials Science and Technology / other such cross – disciplinary areas relevant to the field.</p> <p align="center">AND</p> <p><b>2. Academic / Research Experience:</b> A minimum of eight years of experience of teaching and/ or research in an academic/ research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/ industry excluding the period of Ph.D. research. High quality published work, actively engaged in research and having significant contributions in areas like - Process development / separation processes / process intensification / other such emerging cross- disciplinary areas relevant to the field.</p> <p align="center">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Eight years at the level of Assistant Professor or equivalent grade. Significant contributions in the areas of Basic Research / Process Development / Basic Engineering / Detailed Engineering / Technology Development / Scale-Up, etc.</p>
	Desirable Qualifications	Excellent academic record throughout the academic career. Experience of guiding research work at Master's Level with quality

	and Experience	research publications / patents. Experience of handling industrial consultancy / sponsored projects.
<b>4.</b>	<b>Name of Post</b>	<b>Associate Professor in Colour Chemistry</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Dyestuff Technology with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Dyestuff Technology / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> A minimum of eight years of experience of teaching and/ or research in an academic/ research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/ industry excluding the period of Ph.D. research. High quality published work, actively engaged in research and having significant contributions in areas like functional applications of colorants / computational quantum mechanics / other emerging cross- disciplinary areas relevant to the colorants field.</p> <p style="text-align: center;">AND / OR</p> <p><b>Industrial / Professional Experience:</b> Eight years at the level of Assistant Professor or equivalent grade. Significant contributions in the areas of Dyestuff Synthesis, Colorant Manufacture, etc.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Master's Level with quality research publications / patents. Experience of handling industrial consultancy / sponsored projects.
<b>5.</b>	<b>Name of Post</b>	<b>Assistant Professor in Dyestuff Technology</b>
	Essential Qualifications and experience	<p><b>1.</b> Bachelor's and / or Master's degrees in Dyestuff Technology with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>2. Experience:</b> The candidate should have proven inclination to teaching and research work in the areas of colorant chemistry / colorant technology / green chemistry / green technology / computational chemistry / statistical design of experiments, etc.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Candidates with industrial experience and with Doctoral degree will be given preference.
<b>6.</b>	<b>Name of Post</b>	<b>Professor of Fibre Science</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree with first class or equivalent CGPA at least at one level from a recognized institute/ university in Textile Chemistry / Fibre Chemistry / Fibres &amp; Textile Processing Technology / Fibre Science / Textile Technology / Textile Engineering with first class or equivalent CGPA of a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Textile Chemistry/ Fibre Chemistry / Fibres &amp; Textile Processing Technology / Fibre Science / Textile Technology / Textile Engineering / Polymer Science / Polymer Technology / Organic Chemistry / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic/ Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research and having</p>

		<p>significant contributions in the field of technology of fibres / synthesis and application of fibrous polymers / polymeric materials / textile specialty chemicals / functional textiles / and other emerging areas including basic research / fibre modifications / technology development etc. relevant to the fibre and textile related field.</p> <p style="text-align: center;">AND / OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Working in reputed textile industry/ laboratory in the field of textile technology.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career. Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute/patents. Experience of handling industrial consultancy / sponsored projects.</p>
<b>7.</b>	<b>Name of Post</b>	<b>Associate Professor in Fibre Science</b>
	Essential Qualifications and experience	<p><b>1 a)</b> Bachelor's and / or Master's degree in Textile Chemistry/ Fibre Chemistry/ Fibres &amp; Textile Processing Technology/ Fibre Science/ Textile Technology/ Textile Engineering with first class or equivalent CGPA at least at one level from a recognized institute/ university</p> <p style="text-align: center;">AND</p> <p><b>1 b)</b> Doctoral degree in Textile Chemistry/ Fibre Chemistry/ Fibres &amp; Textile Processing Technology/ Fibre Science/ Textile Technology/ Textile Engineering/ Polymer Science/ Polymer Technology/ Organic Chemistry / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic/ Research Experience:</b> A minimum of eight years of experience of teaching and/ or research in an academic/ research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/ industry excluding the period of Ph.D. research. High quality published work, actively engaged in research and having significant contributions in the field of technology of fibres/ synthesis and application of fibrous polymers/ polymeric materials/ textile specialty chemicals/ functional textiles and other emerging areas including basic research/ fibre modifications/ technology development etc. relevant to the fibre and textile related field.</p> <p style="text-align: center;">AND / OR</p> <p><b>Industrial / Professional Experience:</b> Eight years at the level of Assistant Professor or equivalent grade. Working in reputed textile industry/ laboratory in the field of textile technology/ fibres technology/ textile wet processing or related.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career. Experience of guiding research work at Master's Level along with high quality published work in journals of international repute. Experience of handling industrial consultancy / sponsored projects.</p>
<b>8.</b>	<b>Name of Post</b>	<b>Professor of Fermentation Technology</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Food Technology with first class or equivalent CGPA at least at one level from a recognized institute/ university under the faculty of Engineering / Technology.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Food Technology / Fermentation Technology / Biochemical Engineering under the faculty of Engineering / Technology / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p>

		<p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Actively engaged in research and having significant contributions in areas of commercially important biomolecules of microbial origin, food fermentations, downstream processing, other such emerging cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Working at a senior management level with demonstrated capability of handling and executing projects</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute / patents. Experience of handling industrial consultancy/sponsored projects.
<b>9.</b>	<b>Name of Post</b>	<b>Associate Professor in Microbiology</b>
	Essential Qualifications and experience	<p><b>1 a)</b> Bachelor’s and / or Master’s degree in Microbiology with first class or equivalent CGPA at least at one level from a recognized institute/ university in the faculty of Science</p> <p style="text-align: center;">AND</p> <p><b>1 b)</b> Doctoral degree in Microbiology / Biotechnology / Molecular Biology / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> A minimum of eight years of experience of teaching and/ or research in an academic/ research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/ industry excluding the period of Ph.D. research. Actively engaged in research and having significant contributions in areas like Molecular Biology and Genetic Engineering with respect to Food Microbiology, other such emerging cross-disciplinary areas relevant to the Institute.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Eight years at the level of Assistant Professor or equivalent grade. Significant contributions in the areas of Food Safety and Toxicology, Microbial Quality Assurance, etc.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Master’s level along with high quality published work in food microbiology and related areas in journals of international repute. Experience of handling industrial consultancy / sponsored projects.
<b>11.</b>	<b>Name of Post</b>	<b>Professor of Oil Technology</b>
	Essential Qualifications and experience	<p><b>1 a)</b> Bachelor’s and / or Master’s degree in Oils, Fats &amp; waxes Technology / Oils technology / Surfactants technology / Oils, Oleochemicals &amp; Surfactants Technology with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1 b)</b> Doctoral degree in Oils, Fats &amp; waxes Technology / Oils, Oleochemicals &amp; Surfactants Technology / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research and having</p>

		<p>significant contributions in areas like Oil processing and utilization, Energy efficient separation processes, Development of newer Oleochemicals, Surfactants, Cosmetics, Tribology, Nutraceuticals, Microbial surfactants, post harvest technology / other such emerging cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Significant contributions in the areas of Oils, Oleochemicals &amp; Surfactants Technology.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career. Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute / patents. Experience of handling industrial consultancy/sponsored projects.</p>
<b>12.</b>	<b>Name of Post</b>	<b>Professor of Oil Chemistry</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Oils, Fats &amp; waxes Technology / Oils technology / Surfactants technology / Oils, Oleochemicals &amp; Surfactants Technology with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Oils, Fats &amp; waxes Technology / Oils, Oleochemicals &amp; Surfactants Technology / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research and having significant contributions in areas like Glycerides and applications, Cosmetic chemistry and formulations, Soaps and detergents, Interfacial science and technology, Biobased lubricants, renewable surfactants and fuels / other such emerging cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Significant contributions in the areas of Oils, Oleochemicals &amp; Surfactants Technology.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career. Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute / patents. Experience of handling industrial consultancy/sponsored projects</p>
<b>13.</b>	<b>Name of Post</b>	<b>Associate Professor in Chemistry of Oils, Fats &amp; Waxes Technology</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Oils, Fats &amp; waxes Technology / Oils technology / Surfactants technology / Oils, Oleochemicals &amp; Surfactants Technology with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Oils, Fats &amp; waxes Technology / Oils, Oleochemicals &amp; Surfactants Technology / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> A minimum of eight years of</p>

		<p>experience of teaching and/ or research in an academic/ research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/ industry excluding the period of Ph.D. research. High quality published work, actively engaged in research and having significant contributions in areas like development of novel products, processing of oils and fats, tribology, waste utilization, tailor-made fats, biofuels, biotechnology of oils and fats / other such emerging cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Eight years at the level of Assistant Professor or equivalent grade. Working at a responsible position with significant contributions in the areas of Oils, Oleochemicals &amp; Surfactants Technology.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career.  Experience of guiding research work at Master's Level along with high quality published work in journals of international repute.  Experience of handling industrial consultancy / sponsored projects.</p>
<b>14.</b>	<b>Name of Post</b>	<b>Professor of Pharmaceutical Chemistry</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Pharmacy / Pharmaceuticals and Fine Chemicals / Pharmaceutical Chemistry and Technology with first class or equivalent CGPA with first class or equivalent CGPA at least at one level from a recognized institute/ university.  Master's degree in Pharmaceutical Technology with first class or equivalent CGPA of a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Pharmaceutical Chemistry/ Technology / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research and having significant contributions in areas like Synthetic Organic Chemistry/Process Chemistry of Drug Molecules and Industrial Application/ Peptide and Nucleoside Chemistry/ Chemistry of Natural Products, Reagent and Reaction System Design, Impurity Profiling, Structure Elucidation techniques, etc.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Significant contributions in the areas of Pharmaceutical Chemistry/ Technology.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career.  Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute / patents.  Experience of handling industrial consultancy/sponsored projects.</p>
<b>15.</b>	<b>Name of Post</b>	<b>Professor of Medicinal Chemistry</b>
	Essential Qualifications and experience	<p><b>1 a)</b> Bachelor's and / or Master's degree in Pharmacy / Pharmaceuticals and Fine Chemicals / Pharmaceutical Chemistry and Technology with first class or equivalent CGPA at least at one level from a recognized institute/ university.  Master's degree in Pharmaceutical Technology with first class or equivalent CGPA of a recognized institute/ university.</p> <p style="text-align: center;">AND</p>

		<p><b>1 b)</b> Doctoral degree in Pharmaceutical/ Medicinal Chemistry / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research and having significant contributions in areas like CADD, Drug Design, Molecular Modeling/ ADME Simulation, Drug Metabolism, Drug discovery, etc.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Significant contributions in the areas of Pharmaceutical/ Medicinal Chemistry.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute / patents. Experience of handling industrial consultancy/sponsored projects.
<b>16.</b>	<b>Name of Post</b>	<b>Associate Professor in Pharmacognosy and Phytochemistry</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's degree in Pharmacy and Master's degree in Pharmacy / Pharmacognosy / Medicinal Natural Products with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Pharmacognosy / Medicinal Natural Products / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> A minimum of eight years of experience of teaching and/ or research in an academic/ research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/ industry excluding the period of Ph.D. research. High quality published work, actively engaged in research and having significant contributions in areas like Extraction of Phytoconstituents/ Biosynthesis of Natural Products/ Medicinal Plant Tissue Culture/ Spectroscopy for Structure Elucidation and Identification of Natural Products, etc.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Eight years at the level of Assistant Professor or equivalent grade. Significant contributions in the areas of Pharmacognosy / Medicinal Natural Products.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Master's Level along with high quality published work in journals of international repute. Experience of handling industrial consultancy / sponsored projects.
<b>17.</b>	<b>Name of Post</b>	<b>Associate Professor in Pharmaceutical Sciences</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's degree in Pharmaceuticals and Fine Chemicals or Pharmacy, Bachelors and Masters degree in Pharmaceutical Chemistry and Technology, Master's degree in Pharmaceutical Technology / Pharmaceutical Analysis / Quality Assurance / Pharmaceutical Chemistry. First class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Pharmaceutical Analysis/ Quality Assurance / Pharmaceutical Chemistry / other such cross – disciplinary areas</p>



		<p>relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> A minimum of eight years of experience of teaching and/ or research in an academic/ research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/ industry excluding the period of Ph.D. research. High quality published work, actively engaged in research and having significant contributions in areas like Advanced Instrumental Methods of Analysis, Bioanalytical techniques and Working Experience in Pharmaceutical/ Biotech Industry in Analytical Method development/ Bio- analytical Techniques, etc.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Eight years at the level of Assistant Professor or equivalent grade. Eight years at the level of Assistant Professor or equivalent grade. Significant contributions in the areas of Pharmaceutical Analysis/ Quality Assurance / Pharmaceutical Chemistry.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career.</p> <p>Experience of guiding research work at Master's Level along with high quality published work in journals of international repute.</p> <p>Experience of handling industrial consultancy / sponsored projects.</p>
<b>19.</b>	<b>Name of Post</b>	<b>Professor of Polymer Technology</b>
	Essential Qualifications and experience	<p><b>1 a)</b> Bachelor's and / or Master's degree in Plastics / Polymer Technology / Engineering, Paint / Surface coating Technology with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1 b)</b> Doctoral degree in Plastics / Polymer Technology / Engineering, Paint / Surface coating Technology / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research and having significant contributions in areas like Polymer Processing, Polymer synthesis and characterization, Polymer nano composites, Polymer composites, polymer blends / alloys and their applications, Plastic additives, Polymer recycling / other such emerging cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Significant contributions in the areas of Polymer Technology / Engineering, Paint / Surface coating Technology, etc.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career.</p> <p>Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute/patents. Experience of handling industrial consultancy/sponsored projects.</p>
<b>20.</b>	<b>Name of Post</b>	<b>Professor of Paints Technology</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Plastics / Polymer Technology / Engineering, Paint / Surface coating Technology with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p>

		<p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Plastics / Polymer Technology / Engineering, Paint / Surface coating Technology / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research and having significant contributions in areas like Paint Processing / Formulation &amp; Radiation Curable powder Coating, High Performance Coating. Corrosion formulation, Water based coating, Pigments and polymers / paper coating / other such emerging cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Significant contributions in the areas of Polymer Technology / Engineering, Paint / Surface coating Technology, etc.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career.</p> <p>Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute/patents.</p> <p>Experience of handling industrial consultancy/sponsored projects.</p>
<b>21.</b>	<b>Name of Post</b>	<b>Associate Professor in CAS in Applied Chemistry</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Plastics / Polymer Technology / Engineering, Paint / Surface coating Technology with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Plastics / Polymer Technology / Engineering, Paint / Surface coating Technology / other such cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> A minimum of eight years of experience of teaching and/ or research in an academic/ research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/ industry excluding the period of Ph.D. research. High quality published work, actively engaged in research and having significant contributions in areas like Elastomers, Adhesives, Polymer blends and alloys, Nanoscience, Processing of polymers, Thermoplastics, Plastics additives, Biodegradable polymers, design and fabrication of polymer composites / other such emerging cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Eight years at the level of Assistant Professor or equivalent grade. Significant contributions in the areas of Polymer Technology / Engineering, Paint / Surface coating Technology, etc.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career.</p> <p>Experience of guiding research work at Master's level along with high quality published work in journals of international repute.</p> <p>Experience of handling industrial consultancy / sponsored projects.</p>
<b>22.</b>	<b>Name of Post</b>	<b>Professor of Physical Chemistry</b>

	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Chemistry / Physical Chemistry with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Physical Chemistry</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research and having significant contributions in areas like Physical chemistry and other emerging relevant areas.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career. Experience of guiding research work at Doctoral Level along with high quality peer reviewed published work in journals of international repute / patents. Experience of handling sponsored projects.</p>
<b>23.</b>	<b>Name of Post</b>	<b>Associate Professor in Physico-Inorganic Chemistry</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Chemistry / Inorganic Chemistry / Physical Chemistry with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Inorganic/Physical Chemistry</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> A minimum of eight years of experience of teaching and/ or research in an academic/ research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/ industry excluding the period of Ph.D. research. High quality published work, actively engaged in research and having significant contributions in areas like Inorganic Chemistry / Physical chemistry and other emerging relevant areas.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career. Experience of guiding research work at Master's Level along with high quality published work in journals of international repute. Experience of handling sponsored projects.</p>
<b>25.</b>	<b>Name of Post</b>	<b>Assistant Professor in Chemistry</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degrees in Chemistry with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> NET/SLET/SET qualified.</p> <p style="text-align: center;">AND</p> <p><b>2. Experience:</b> The candidate should have inclination to teaching and research work in Chemistry and other emerging relevant areas.</p>
	Desirable Qualifications and Experience	<p>Excellent academic record throughout the academic career. Candidates with industrial experience and with Doctoral degree will be given preference. Experience of UG / PG teaching in Chemistry.</p>
<b>28.</b>	<b>Name of Post</b>	<b>Professor of Solid State Physics</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Physics with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p>

		<p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Physics.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research and having significant contributions in areas like Polymer Physics, Material Science, Nanomaterials, Computational Physics / other such emerging cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Significant contributions in the areas of Materials R &amp; D, Synthesis and characterization of materials, etc.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute / patents. Experience of handling sponsored projects.
<b>29.</b>	<b>Name of Post</b>	<b>Professor of Applied Physics</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Physics with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Physics.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research and having significant contributions in areas like Polymer Physics, Material Science, Nanomaterials, Composites, Biomaterials / other such emerging cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. Significant contributions in the areas of Materials R &amp; D, Synthesis and characterization of materials, etc.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute / patents. Experience of handling sponsored projects.
<b>31.</b>	<b>Name of Post</b>	<b>Professor of Applied Mathematics</b>
	Essential Qualifications and experience	<p><b>1 a)</b> Bachelor's and / or Master's degree in Mathematics with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Doctoral degree in Mathematics.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research in the field of</p>

		Applied Mathematics.
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute in the field of Applied Mathematics, such as, CFD, Fluid Mechanics, Heat and Mass Transfer, Numerical methods, Optimization, etc.
<b>32.</b>	<b>Name of Post</b>	<b>Associate Professor in Mathematics</b>
	Essential Qualifications and experience	<b>1 a)</b> Bachelor's and / or Master's degree in Mathematics / Statistics with first class or equivalent CGPA at least at one level from a recognized institute/ university.  AND <b>1 b)</b> Doctoral degree in Mathematics / Statistics.  AND <b>2. Academic / Research Experience:</b> A minimum of eight years of experience of teaching and/ or research in an academic/ research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/ industry excluding the period of Ph.D. research. Post Doctoral research experience with high quality published work after getting Doctoral degree, actively engaged in research in the field of Mathematics / Statistics.
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Master's Level along with high quality published work in journals of international repute.
<b>33.</b>	<b>Name of Post</b>	<b>Associate Professor in Applied Mathematics</b>
	Essential Qualifications and experience	<b>1 a)</b> Bachelor's and / or Master's degree in Mathematics with first class or equivalent CGPA at least at one level from a recognized institute/ university.  AND <b>1b)</b> Doctoral degree in Mathematics.  AND <b>2.Academic / Research Experience:</b> Eight years at the level of Assistant Professor or equivalent grade. Post Doctoral research experience with high quality published work after getting Doctoral degree, actively engaged in research in the field of Applied Mathematics.
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Master's level along with high quality peer reviewed published work in journals of international repute in the field of Applied Mathematics, such as, CFD, Fluid Mechanics, Heat and Mass Transfer, Numerical methods, Optimization, etc.
<b>34.</b>	<b>Name of Post</b>	<b>Professor of General Engineering</b>
	Essential Qualification and Experience	<b>1. a)</b> Bachelor's degree in Mechanical/production/Civil/Electrical/ Engineering / Technology. Master's degree in Mechanical/Production/Civil/Plastic/Polymer/Electrical/Electronics Engineering/ Technology. First class or equivalent CGPA at least at one level from a recognized institute/ university.  AND <b>1. b)</b> Doctoral degree in Mechanical/Production/Civil/Plastic/Polymer/Electrical/Electronics Engineering/ Technology.  AND

		<p><b>2. Academic / Research Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade. High quality published work, actively engaged in research. Experience in modern software.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Ten years, out of which at least five years at the level of Associate Professor or equivalent grade with significant contributions.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Doctoral level along with high quality peer reviewed published work in journals of international repute / patents. Knowledge of formulation and working of software's.
<b>35.</b>	<b>Name of Post</b>	<b>Assistant Professor in Mechanical Engineering</b>
	Essential Qualifications and Experience	<p><b>1.</b> Bachelor's degree in Mechanical / production / Chemical plant / Machine Tool / Automobile / Material Science and Metallurgy/ Metallurgy Engineering. Master's degree in Mechanical/production / Chemical plant /Machine Tool / Automobile / Material Science and Metallurgy / Metallurgy Engineering / Plastic / Polymer Engineering / Technology. First class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>2. Experience:</b> The candidate should have proven inclination to teaching and research work.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Candidates with experience of industry / research laboratory and with Doctoral degree will be given preference. Knowledge and working of software.
<b>36.</b>	<b>Name of Post</b>	<b>Drawing Office Superintendant (Assistant Professor Level)</b>
	Essential Qualifications and Experience	<p><b>1.</b> Bachelor's degree in Mechanical/ Production/ Machine Tool/ Automobile/ Chemical Plant Engineering. Master's degree in Mechanical/ Production/ Machine Tool/ Automobile/ Chemical Plant Engineering. First class or equivalent CGPA at least at one level from at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>2. Experience:</b> The candidate should have proven inclination to teaching and research work.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Candidates with experience of industry / research laboratory and with Doctoral degree will be given preference. Knowledge and working of drawing and Engineering software such as Auto Cad, Solid works, Pro engineer, etc.
<b>37.</b>	<b>Name of Post</b>	<b>Senior Librarian (Associate Professor Level)</b>
	Essential Qualifications and experience	<p><b>1.</b> Bachelor's degree in Science / Technology; Master's degree in Library science / Information Science / Documentation or an equivalent professional degree, with at least 55 % marks or equivalent CGPA of a recognized institute/ university.</p> <p><b>2.Experience</b> of working for five years as an Assistant University Librarian/College Librarian and evidence of innovative library services, organization of published work and professional commitment, computerization of library.</p>
	Desirable Qualifications	M.Phil / Ph.D. degree in Library Science / Information Science / Documentation / Archives, and Experience in Manuscript-Keeping,

	and Experience	experience in computerization of library.
<b>42.</b>	<b>Name of Post</b>	<b>Assistant Professor in Chemical Engineering</b>
	Essential Qualifications and experience	<p><b>1 a)</b> Bachelor's degree in Chemical Engineering with first class or equivalent CGPA of a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> Master's degree in Chemical Engineering/ Chemical Technology/ Biotechnology/ Biochemical Engineering/ Bioprocess Technology/ Materials Science and Technology/ Other relevant and equivalent area with first class or equivalent CGPA of a recognized institute/ university.</p> <p><b>2. Experience:</b> The candidate should have proven inclination to teaching and research work in the areas of chemical reaction engineering, transport phenomena, etc. / other emerging cross-disciplinary areas relevant to the field.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Candidates with industrial experience and with Doctoral degree will be given preference. Candidates with research publications in International Journals of repute will be preferred.
<b>43.</b>	<b>Name of Post</b>	<b>Assistant Professor in Food Technology</b>
	Essential Qualifications and experience	<p><b>1.</b> Bachelor's and / or Master's degrees in Food Technology with first class or equivalent CGPA at least at one level from a recognized institute/ university under the faculty of Engineering / Technology.</p> <p style="text-align: center;">AND</p> <p><b>2. Experience:</b> The candidate should have proven inclination to teaching and research work in the areas of Food Science and Technology, Commodity Technologies, Food Additives and Ingredients, designing and conducting laboratory practicals relevant to the course and the industry.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Candidates with industrial experience and with Doctoral degree will be given preference.
<b>44.</b>	<b>Name of Post</b>	<b>Assistant Professor in Micro-Analysis</b>
	Essential Qualifications and experience	<p><b>1. a)</b> Bachelor's and / or Master's degree in Chemistry / Analytical Chemistry with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1. b)</b> NET/SLET/SET qualified.</p> <p style="text-align: center;">AND</p> <p><b>2. Experience:</b> The candidate should have inclination to teaching and research work in Chemistry and other emerging relevant areas.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Candidates with industrial experience and with Doctoral degree will be given preference. Experience of UG/PG teaching in analytical Chemistry and/or ability to handle and maintain sophisticated instruments.
<b>45.</b>	<b>Name of Post</b>	<b>Assistant Professor in Physics</b>
	Essential Qualifications and experience	<p><b>1 a)</b> Bachelor's and Master's degrees in Physics with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1 b)</b> NET/SLET/SET qualified.</p>

		<p style="text-align: center;">AND</p> <p><b>2.Experience:</b> The candidate should have proven inclination to teaching and research works in the areas of Physical / Material sciences, etc. other such emerging cross – disciplinary areas relevant to the field.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Candidates with experience of industry / research laboratory and with Doctoral degree will be given preference.
<b>46.</b>	<b>Post</b>	<b>Associate Professor in Physics</b>
	Essential Qualifications and experience	<p><b>1 a)</b> Bachelor's and / or Master's degree in Physics with first class or equivalent CGPA at least at one level from a recognized institute/ university.</p> <p style="text-align: center;">AND</p> <p><b>1b)</b> Doctoral degree in Physics.</p> <p style="text-align: center;">AND</p> <p><b>2. Academic / Research Experience:</b> Eight years at the level of Assistant Professor or equivalent grade. High quality published work, actively engaged in research and having significant contributions in areas like Polymer Physics, Material Science, Nanomaterials, Composites, Biomaterials / other such emerging cross – disciplinary areas relevant to the field.</p> <p style="text-align: center;">AND/ OR</p> <p><b>Industrial / Professional Experience:</b> Eight years at the level of Assistant Professor or equivalent grade with significant contributions in the areas of Materials R &amp; D, Synthesis and characterization of materials, etc.</p>
	Desirable Qualifications and Experience	Excellent academic record throughout the academic career. Experience of guiding research work at Master's Level along with high quality published work in journals of international repute. Experience of handling sponsored projects.

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