

## FACULTY OF TECHNOLOGY

Sr.No.	Name of the courses	Ordinance No.	MINIMUM ADMISSION REQUIREMENTS	Duration	Circular No.
1.	Bachelor of Engineering (B.E.)	O.3701	<p>The degree of Bachelor of Engineering (B.E.) will comprise the following branches :-</p> <ul style="list-style-type: none"> <li>i. Automobile Engineering</li> <li>ii. Bio-medical Engineering</li> <li>iii. Chemical Engineering</li> <li>iv. Civil Engineering</li> <li>v. Computer Engineering</li> <li>vi. Construction Engineering</li> <li>vii. Electrical Engineering</li> <li>viii. Electronics Engineering</li> <li>ix. Electronics &amp; Telecommunication Engineering</li> <li>x. Instrumentation Engineering</li> <li>xi. Mechanical Engineering</li> <li>xii. Production Engineering</li> <li>xiii. Information Technology</li> <li>xiv. Marine Engineering</li> <li>xv. Bio-Technology</li> <li>xvi. Bio-Informatics</li> <li>xvii. Printing &amp; Packaging Technology</li> </ul>	Full-time (Four Year)	No.UG/301 of 2008, Dated 14 <sup>th</sup> July, 2008
		O.3702	<p>A candidate for being eligible for admission to First Year Engineering of Bachelor of Engineering ( B. E.) degree course of this University should have passed the Higher Secondary Certificate, HSC (Std.XII) examination of the Maharashtra State Board of Secondary and Higher Secondary Education or Central Board of Secondary Education (standard XII) examination or any other equivalent examination of a Council, Board or University</p>	Full-time (Four Year)	No.UG/14 of 2012, Dated 29 <sup>th</sup> February, 2012

		O.3707	<p>outside the state of Maharashtra with subjects English, Physics, Chemistry and Mathematics <b>AND</b> Secured minimum <b>45 % marks</b> i.e. not less than 135 marks out of 300 marks (minimum <b>40 % marks</b> i.e. not less than 120 marks out of 300 marks in case of candidates of Backward class categories belonging only to Maharashtra State) in <b>the subjects Physics, Chemistry and Mathematics</b> added together.</p> <p>Notwithstanding what is stated above, a candidate for being eligible for admission to First Year Engineering of Bachelor of Engineering ( B. E.) degree course in the branch of <b>Biomedical Engineering / Bio-Tech Engineering</b> course must have passed subject of Biology at the qualifying examination and has obtained minimum <b>45 % marks</b> i.e. not less than 135 marks out of 300 marks (minimum <b>40 % marks</b> i.e. not less than 120 marks out of 300 marks in case of candidates of Backward class categories belonging only to Maharashtra State) in <b>the subjects Physics, Chemistry and Mathematics</b> added together.</p> <p>Notwithstanding what is stated above, a candidate for being eligible for admission to First Year Engineering of Bachelor of Engineering ( B. E.) degree course of this University should have passed the Diploma course in Engineering / Technology with minimum of 50 % marks and medium of instruction as English from the Polytechnics affiliated to MSBTE or AICTE approved autonomous Polytechnics in Maharashtra State ( for Maharashtra State Candidates) or such polytechnics situated inside / outside the State of Maharashtra ( for Outside Maharashtra State Candidates).</p> <p>The Candidate should have passed Post-SSC or Post-HSC Diploma Course in Engineering / Technology with at least 50.00 % marks (45.00 % marks in case of candidates of backward class categories belonging only to Maharashtra State) in appropriate branch of Engineering / Technology from an <b>AICTE</b> approved Institution with English as the medium of instruction at Diploma</p>		
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			<p>level will be exempted from attendance at course of instruction and examination in the subjects of first year engineering course and will be permitted to enter upon Sem- III of Second year engineering course. The branch to which such a candidate is eligible to be admitted shall be approved by University of Mumbai from time to time.</p> <p style="text-align: center;"><b>OR</b></p> <p>The Candidate should have passed B.Sc. Degree from a UGC / Association of Indian Universities recognized University with at least 50.00 % marks (45.00 % marks in case of candidates of Backward class categories belonging only to Maharashtra State) and passed XII standard examination with Mathematics as the subject and with English as the medium of instruction at B.Sc. level, will be exempted from attendance at course of instruction and examination in the subjects of First Year Engineering course and will be permitted to enter upon Sem - III of Second Year Engineering course. The branch to which such a candidate is eligible to be admitted shall be approved by University of Mumbai from time to time.</p> <p>Notwithstanding what is stated above, the students belonging to B.Sc. Stream shall only be considered after filling the seats in this category with students belonging to the Diploma Stream and students belonging to B.Sc. stream are required to pass the subjects of Engineering Graphics / Engineering Drawing and Engineering Mechanics of the first year Engineering program along with the Second Year subjects.</p> <p>Notwithstanding what is stated above Candidates seeking Admission to Biomedical Engineering should have passed H.S.C. or its Equivalent Examination with Biology, in Addition to the basic Diploma Qualification. Candidates with Diploma in Medical Electronics are exempted from this condition.</p>		
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2.	Bachelor of Engineering (B.E.) (Part-time)	O.3733	<p>The Part-time degree course leading to the degree of Bachelor of Engineering (B.E.)(Part-time) will comprise of the following branches:-</p> <ul style="list-style-type: none"> <li>I. Civil Engineering</li> <li>II. Computer Engineering</li> <li>III. Electrical Engineering</li> <li>IV. Electronics Engineering</li> <li>V. Mechanical Engineering</li> <li>VI. Chemical Engineering</li> </ul>	Part-time	No.UG/138 of 2001, Dated 23 <sup>rd</sup> April, 2001
		O.3734	<p>A candidate for being eligible for admission to the First Year of the Bachelor of Engineering Course (B.E.P.T.D.C.) of this University must have passed the Diploma examination in Engineering/Technology in the relevant branch conducted by the Board of Technical Examinations, Maharashtra State, or by any other Institution which has been granted academic autonomy by the Government of Maharashtra or by any other Board recognized as equivalent to the diploma of the Board of Technical Examination, Maharashtra State, in atleast second class with not less than 50% marks in the aggregate (45% marks in the aggregate for the backward class candidates from the Maharashtra State only). The candidate must also have an experience of working in the appropriate profession for a minimum period of one year after passing the qualifying examination. However, a candidate passing the four year Diploma course in Engineering/Technology with Industrial Training in Sandwich pattern is exempted from the requirement of working experience. The branch to which such a candidate is eligible to be admitted shall be as approved by the University of Mumbai from time to time.</p>	Four Semester	<p>Pamphlet No.205</p> <p>No.UG/312 of 1997, Dated 5<sup>th</sup> September, 1997</p>

3.	Bachelor of Technology (B.Tech.)	O.5433	<p>A candidate seeking admission to the degree of Bachelor of Technology must produce a certificate to the effect that he/she has passed the Higher Secondary School Certificate (Std.XII) Examination conducted by the Maharashtra State Board of Higher Secondary Education or its equivalent examination with the following subjects.</p> <ol style="list-style-type: none"> <li>1. Chemistry</li> <li>2. Physics</li> <li>3. Mathematics</li> <li>4. English</li> </ol>	Eight Semesters	No.UG/470 of 2004, Dated 2 <sup>nd</sup> November, 2004
4.	Bachelor of Textiles (B.Text.)	O.3365	<p>A candidate for being eligible for admission to the Bachelor of Textiles (B.Text.) degree course of the University should have passed the Higher Secondary School Certificate (Std.XII) examination conducted by the Maharashtra State Board of Secondary and Higher Secondary Education, Pune, or its equivalent examination with English, Physics, Chemistry and Mathematics and secured not less than 50% marks in the subject of Physics, Chemistry and Mathematics taken together at one and the same sitting (45% in the subjects of physics, Chemistry and Mathematics taken together at one and the same sitting for Backward Class candidates from Maharashtra State only).</p> <p style="text-align: center;"><b>OR</b></p> <p>The candidate should have passed the Indian School Certificate (Std.XII) examination or any other equivalent Higher Secondary (Std.XII) examination of a Council or Board outside Maharashtra State with English, Physics, Chemistry and Mathematics and secure not less than 50% marks in the subject of Physics, Chemistry and Mathematics taken together at one and the same sitting (45% in the subjects of Physics, Chemistry and Mathematics taken together at one and the same sitting for Backward Class candidates from Maharashtra State only).</p>	Four Years Eight Semesters	No.UG/241 of 1996, Dated 22 <sup>nd</sup> May, 1996

5.	Bachelor of Chemical Technology (B.Chem. Tech.)	O.3789	<p>A candidate for the degree of Bachelor of Chemical Technology must produce a certificate to the effect that he has passed the Higher Secondary School Certificate examination conducted by the Maharashtra State Board of Higher Secondary Education at least in the first grade or first class with the following subjects:-</p> <ul style="list-style-type: none"> <li>i. English</li> <li>ii. Any one of the Modern Indian Languages or Modern Foreign Languages,</li> <li>iii. Mathematics</li> <li>iv. Physics</li> <li>v. Chemistry</li> <li>vi. Any one of the subject from among the remaining optional subjects prescribed for the Higher Secondary School Certificate examination of the Maharashtra State</li> </ul> <p style="text-align: center;"><b>OR</b></p> <p>As an examination recognized as equivalent thereto.</p> <p>Note : For the purpose of admission to the B.Chem. Tech. Degree course the marks in the subject of Physics, Chemistry and Mathematics at the qualifying examination will be taken into consideration.</p>	Four Years	No.UG/457 of 1997, Dated 20 <sup>th</sup> December, 1997
6.	Bachelor of Chemical Engineering (B.Chem. Engg.)	O.3958	<p>The candidate should have passed the Higher Secondary Certificate (Std.XII) Examination of the Maharashtra State Board of Secondary and Higher Secondary Education, Pune or its equivalent examination with and in English, Physics, Chemistry and Mathematics and secured not less than 50 per cent marks (150 out of 300) in the subjects of Physics, Chemistry and Mathematics taken together at the same sitting (45 per cent marks i.e. 135 out of 300 in the subjects of Physics, Chemistry and Mathematics taken together at the same sitting of Backward Class candidates only from Maharashtra State).</p> <p style="text-align: center;"><b>OR</b></p>	Four Years	No.UG/453 of 1999, Dated 21 <sup>st</sup> August, 1999

			<p>The candidate should have passed the Indian School Certificate (Std.XII) examination or any other equivalent higher secondary (Std.XII) examination of a Council Board outside Maharashtra State with and in English, Physics, Chemistry and Mathematics and secured not less than 50% marks (150 out of 300) in the subjects of Physics, Chemistry and Mathematics taken together at the same sitting (45% marks i.e. 135 out of 300 in the subject of Physics, chemistry and Mathematics taken together at the same sitting for Backward Class candidates only form the Maharashtra State)</p> <p><b>Note:</b> for the purpose of admission to the Bachelor of Chemical Engineering (B.Chem. Engg.) degree course the marks in the subjects of Physics, Chemistry and Mathematics at the qualifying examination will be taken into consideration.</p>		
7.	Bachelor of Pharmaceutical Sciences (B.Pharm. Sci.)	O.5695	<p>Eligibility Criteria for admission to the candidates of Pharmacy at the entry level at Semester-I of the course.</p> <p>Eligibility criteria for Maharashtra State candidate and Outside Maharashtra State Candidate for admission to First Year degree course in Pharmacy :-</p> <p>Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Biology/Mathematics AND secured minimum 50% marks i.e. not less than 150 marks out of 300 marks (minimum 45% marks i.e. not less than 135 marks out of 300 marks in case of candidates of Backward Class categories belonging only to Maharashtra State) in the subjects Physics, Chemistry and Biology/Mathematics added together (Maximum of marks obtained in Biology/Mathematics shall be considered for the purpose of addition) AND obtained a non zero score at MHT-CET and as per the norms laid down by the Government from time to time.</p>	Four Years (Eight Semesters)	No.UG/275 of 2008, Dated 26 <sup>th</sup> June, 2008

		O.5696	<p>Eligibility criteria of candidates who have passed/passing Diploma in Pharmacy and seeking admission to First Year of Pharmacy :-</p> <p>Diploma holders who have passed the Diploma Course in Pharmacy with minimum of 50% marks and medium of instruction as English from the Polytechnics affiliated to MSBTE or AICTE approved autonomous Polytechnics in Maharashtra State (for Maharashtra State Candidates) or such Polytechnics situate inside/outside the State of Maharashtra (for outside Maharashtra State candidates).</p> <p>Eligibility Criteria for Direct Admission at the entry level of Semester III (i.e. the Second Year B.Pharm.) of the course.</p> <p>The candidate who has passed the final examination leading to the Diploma in Pharmacy conducted by the Board of Technical Education, Maharashtra State or equivalent examination from the Institute approved by the Pharmacy Council of India and with a minimum First Class (60% i.e. 600 out of 1000 at Part II examination for the Diploma in Pharmacy course) as per ER-91 (i.e. post HSC two year Diploma course ) be held eligible for admission to Semester III.</p> <p>Admission authority and procedure at the entry levels into the course. As per the directives of government of Maharashtra/ Director of Technical Education prevailing at the time of admission.</p> <p>Additional criteria for the candidates who have entered for direct admission for the Second Year (Sem. III) B.Pharm. course.</p> <p>The candidates must keep term for the following subject heads henceforth referred to as Remedial subjects of (Semester I and Semester II):-</p>		No.UG/461 of 2007, Dated 19 <sup>th</sup> November, 2007
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		<p>Remedial subjects are as under :-</p> <table><thead><tr><th><u>Semester</u></th><th><u>Subjects Heads</u></th></tr></thead><tbody><tr><td>Semester I</td><td>Physical Pharmacy – I Pharmaceutical Engineering – I</td></tr><tr><td>Semester II</td><td>Physical Pharmacy – II Microbiology Organic Chemistry – II</td></tr></tbody></table> <p>The candidates have to appear for examinations in the above subject heads and also the periodic tests of these subject heads. The candidates will be charged separate examination fees while filling the examination form. It should be clearly stated that these candidates are appearing for the examination in the <u>Remedial Subjects</u>.</p> <p>The mark list of the Second Year (Sem .III and Sem.IV) B.Pharm. Course must indicate the result of <u>the Remedial Subjects of F,Y,B.Pharm. (Semester I and Semester II) respectively.</u></p> <p>However, the candidates be allowed to take admission of the Third Year B.Pharm. (Sem. V &amp; Sem. VI) as per the Regulation 5680 even though he/She not passed Remedial subjects of the First Year B.Pharm. (Sem. I and Sem. II).</p> <p>The candidate/s be allowed for Third Year B,Pharm. (Sem. V &amp; Sem. VI) provided he/she should have passed the Sem. III &amp; Sem. IV or passed Sem. III and A.T.KT. for Sem.IV or A.T.K.T. for Sem. III and Passed Sem,IV or A.T.K.T. for Sem. III and Sem. IV and failed in the Remedial subject/s of Sem. I and Sem. II.</p> <p>The candidates failing in the Remedial Subjects of Semester I and Semester II shall be allowed to keep terms to the higher semester upto Semester VI irrespective of the number of subject heads (inclusive of subject heads of Semester III). However, for admission to Semester VII of the course, the candidates must pass the specified Remedial subject heads of the Semester I and Semester – II.</p>	<u>Semester</u>	<u>Subjects Heads</u>	Semester I	Physical Pharmacy – I Pharmaceutical Engineering – I	Semester II	Physical Pharmacy – II Microbiology Organic Chemistry – II		
<u>Semester</u>	<u>Subjects Heads</u>									
Semester I	Physical Pharmacy – I Pharmaceutical Engineering – I									
Semester II	Physical Pharmacy – II Microbiology Organic Chemistry – II									

8.	Bachelor of Architecture (B.Arch.)	O.5002	<p>A candidate for being eligible for admission to the First Year of the B.Arch. Degree course :-</p> <p>(i) Must have passed the H.S.C. (Std.XII) examination of the Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with the Mathematics subject. The candidate must have secured minimum 50% marks in aggregate (45% for Backward Class category candidates from Maharashtra State only) in the H.S.C. (Std.XII) or its equivalent examination.</p> <p>(ii) In addition, the candidate must have passed the aptitude test conducted by the competent authority to be eligible for admission to the B.Arch. degree course.</p>	Five Years (Full time) Yearly pattern	No.UG/236 of 2006, Dated 7 <sup>th</sup> July, 2006
9.	<p>Bachelor of Architecture with Interior Design Course</p> <p>Instituted from the academic year 2005-06 vide Circular No.UG/366 of 2005, Dated 8<sup>th</sup> September, 2005.</p>	O.5621  O.5623  O.5625	<p>Syllabus in the First Year of the Bachelor of Architecture (Interior Design) Course is common with the existing syllabus of the First Year B.Arch. degree course and that the same has been made applicable from the academic year 2005-2006.</p> <p>A candidate for being eligible for admission to the Second Year of the Bachelor of Architecture with Interior Design Course of this University must have obtained required marks to clear all internal subject heads (Sessional Work) of passing for the First Year Architecture with Interior Design.</p> <p>A candidate for being eligible for admission to the Third Year of the Bachelor of Architecture with Interior Design Course of this University must have obtained required marks to clear all internal subject heads (Sessional Work) of passing for the Second Year Architecture with Interior Design.</p> <p>A candidate for being eligible for admission to the Fourth Year of the Bachelor of Architecture with Interior Design Course of this University must have obtained required marks to clear all internal subject heads (Sessional Work) of passing for the Third Year Architecture with Interior Design.</p>	Five Years (Full time) Yearly pattern	No.UG/282 of 2006, Dated 28 <sup>th</sup> July, 2006

		O.5627	A candidate for being eligible for admission to the Fifth Year of the Bachelor of Architecture with Interior Design Course of this University must have obtained required marks to clear all internal subject heads (Sessional Work) of passing for the Fourth Year Architecture with Interior Design.										
10.	Master of Engineering (M.E.)	O.5134	<p>Any person who has passed an examination for the Degree of Bachelor of Engineering of this University or the degree of Bachelor of Engineering of any other University recognized as equivalent to the Bachelor of Engineering degree of this University is deemed eligible for admission to the Masters degree course in Engineering in the specific branch in which he / she has taken the degree of Bachelor of Engineering of a related branch as listed below:-</p> <table border="1"> <thead> <tr> <th>Master of Engineering</th> <th>Bachelor of Engineering</th> </tr> </thead> <tbody> <tr> <td> <b>1. Civil Engineering with</b>                      (i) Environmental Engineering Subjects                      (ii) Hydraulics Engineering Subjects                      (iii) Water Resource Engineering subjects                 </td> <td>                     a. Civil Engineering OR                      b. Environmental Engineering OR                      c. Construction Engineering OR                      d. Water Management                 </td> </tr> <tr> <td> <b>1. Civil Engineering with</b>                      (iv) Structural Engineering Subjects                      (v) Construction Management Subjects                      (vi) Geo-technical Engineering Subjects                      (vii) Traffic and Transportation Engineering Subjects                 </td> <td>                     a. Civil Engineering OR                      b. Construction Engineering OR                      c. Structural Engineering                 </td> </tr> <tr> <td> <b>2. Mechanical Engineering with</b>                      (i) Machine Design Subjects                      (ii) Automobile Engineering Subjects                 </td> <td>                     a. Mechanical Engineering OR                      b. Automobile engineering                 </td> </tr> </tbody> </table>	Master of Engineering	Bachelor of Engineering	<b>1. Civil Engineering with</b> (i) Environmental Engineering Subjects (ii) Hydraulics Engineering Subjects (iii) Water Resource Engineering subjects	a. Civil Engineering OR b. Environmental Engineering OR c. Construction Engineering OR d. Water Management	<b>1. Civil Engineering with</b> (iv) Structural Engineering Subjects (v) Construction Management Subjects (vi) Geo-technical Engineering Subjects (vii) Traffic and Transportation Engineering Subjects	a. Civil Engineering OR b. Construction Engineering OR c. Structural Engineering	<b>2. Mechanical Engineering with</b> (i) Machine Design Subjects (ii) Automobile Engineering Subjects	a. Mechanical Engineering OR b. Automobile engineering	Four Semester	No.UG/91 of 2013-14, Dated 30 <sup>th</sup> December, 2013
Master of Engineering	Bachelor of Engineering												
<b>1. Civil Engineering with</b> (i) Environmental Engineering Subjects (ii) Hydraulics Engineering Subjects (iii) Water Resource Engineering subjects	a. Civil Engineering OR b. Environmental Engineering OR c. Construction Engineering OR d. Water Management												
<b>1. Civil Engineering with</b> (iv) Structural Engineering Subjects (v) Construction Management Subjects (vi) Geo-technical Engineering Subjects (vii) Traffic and Transportation Engineering Subjects	a. Civil Engineering OR b. Construction Engineering OR c. Structural Engineering												
<b>2. Mechanical Engineering with</b> (i) Machine Design Subjects (ii) Automobile Engineering Subjects	a. Mechanical Engineering OR b. Automobile engineering												

			(iii) CAD/CAM & Robotics subjects	OR c. Production Engineering OR d. Aerospace / Aeronautical Engineering		
			<b>2. Mechanical Engineering with</b>  (iii) Fluid Pumping Machine Subjects (iv) Internal Combustion Engineering Subjects (v) Thermal Engineering Subjects (vi) Heat Power subjects (vii) Energy Engineering subjects	a. Mechanical Engineering OR b. Automobile Engineering OR c. Aerospace / Aeronautical Engineering		
			<b>2. Mechanical Engineering with</b>  (viii) Manufacturing systems Engineering subjects (ix) Production Engineering subjects	a. Mechanical Engineering OR b. Automobile engineering OR c. Production Engineering OR d. Industrial Engineering OR e. Machine Tool Engineering OR f. Metallurgical Engineering		
			<b>3. Production Engineering</b>	a. Mechanical Engineering OR b. Automobile engineering OR c. Production Engineering OR		

				<p>d. Industrial Engineering OR e. Machine Tool Engineering OR f. Metallurgical Engineering</p>		
			<p><b>3. Electrical Engineering with</b> (i) Control Systems Engineering Subjects (ii) Power Systems Engineering Subjects (iii) Power Electronics and Drives</p>	<p>a. Electrical Engineering OR b. Electronics Engineering OR c. Instrumentation Engineering OR d. Power Electronics OR e. Electronics and Power OR f. Industrial Electronics OR g. Electronics and Telecommunication Engineering</p>		
			<p><b>4. Electronics Engineering</b> <b>5. Electronics &amp; Telecommunication Engineering</b></p>	<p>a. Electrical Engineering OR b. Electronics Engineering OR c. Electronics and Tele-Communication Engineering OR d. Instrumentation Engineering OR e. Computer Engineering OR f. Power Engineering OR g. Biomedical Engineering OR h. Information Technology</p>		

			<b>6. Instrumentation Engineering</b>	a. Electrical Engineering OR		
			<b>7 Instrumentation &amp; Control Engineering</b>	b. Electronics Engineering OR c. Instrumentation Engineering OR d. Power Electronics OR e. Biomedical Engineering OR f. Mechanical Engineering OR g. Chemical Engineering		
			<b>8. Computer Engineering</b>	a. Computer Engineering OR b. Electrical Engineering OR c. Electronics Engineering OR d. Electronics and Tele-Communication Engineering OR e. Instrumentation Engineering OR f. Information Technology OR g. Power Electronics		
			<b>9. Information Technology</b> <b>10. Information Technology in Information Security</b> <b>11. Information Technology in Information and cyber warfare</b> <b>12. Information Technology in AI and Robotics</b>	All branches of the Bachelor of Engineering (B.E.) degree courses		

			<p><b>12. Biomedical Engineering</b></p> <ul style="list-style-type: none"><li>a. Biomedical Engineering OR</li><li>b. Computer Engineering OR</li><li>c. Instrumentation Engineering OR</li><li>d. Electronics Engineering OR</li><li>e. Electronics and Tele-Communication Engg. OR</li><li>f. Electrical Engineering OR</li><li>g. Information Technology OR</li><li>h. Electronics and Power Engineering OR</li><li>i. Electrical and Electronics Engineering OR</li><li>j. Power Electronics</li></ul>		
			<p><b>13. Chemical Engineering</b></p> <ul style="list-style-type: none"><li>a. Chemical Engineering OR</li><li>b. Chemical Technology OR</li><li>c. Petrochemical Engineering OR</li><li>d. Petroleum Engineering OR</li><li>e. Biotechnology</li></ul>		
		<p>Notwithstanding what is stated above, candidate who have passed the Section A and Section B examination conducted by the (1) The Institution of Engineers (India), Kolkota 700020 and (2) Institution of Electronics and Telecommunication Engineers (India), New Delhi, is deemed eligible for admission to the Master of Engineering degree course in the specific branch in which they have passed Section A and Section B examination of a related branch as listed above.</p>			

11.	Master of Engineering degree course (PTDC)	O.5057	<p>Any candidate who has passed an examination for the degree of Bachelor of Engineering/Technology of this University or the degree of Bachelor of Engineering /Technology of any other University recognized as equivalent to the Bachelor of Engineering/Technology degree of this University with 55% marks (50% of marks in the case of Backward Class candidates). (The reservation policy be followed as per Maharashtra State Government Higher &amp; Technical Education Department (शासन निर्णय क्रमांक टीईएम १०/००/१८८/००) तां.शि.१, दिनांक १ जुलै, २०००) Notification Dated 1<sup>st</sup> July, 2000 ) is deemed to be eligible for admission to the Master's degree course in Engineering (PTDC) in the specific branch in which he has taken the degree of Bachelor of Engineering of a related branch as listed below :-</p> <p><b><u>1.Civil Engineering with</u></b></p> <p>(i) Environmental Engineering subjects</p> <p style="padding-left: 40px;">a. Civil Engineering Or b. Environmental Engineering Or c. Construction Engineering</p> <hr style="border-top: 1px dashed black;"/> <p>(ii) Structural Engineering subjects</p> <p style="padding-left: 40px;">a. Civil Engineering Or b. Construction Engineering</p> <hr style="border-top: 1px dashed black;"/> <p>(iii) Traffic &amp; Transportation Engineering subjects</p> <p style="padding-left: 40px;">a. Civil Engineering Or b. Construction Engineering</p> <hr style="border-top: 1px dashed black;"/>	Three Years	No. UG/384 of 2008, Dated 14 <sup>th</sup> August, 2008
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			(iv) Construction Management subjects	a. Civil Engineering Or b. Construction Engineering			
			(v) Hydraulics Engineering subjects	a. Civil Engineering Or b. Construction Engineering Or c. Environmental Engineering			
			(vi) Geo-Technical Engineering subjects	a. Civil Engineering Or b. Construction Engineering			
			<b><u>2. Mechanical Engineering with :-</u></b>				
			(i) Machine Design subjects	a. Mechanical Engineering Or b. Machine Tool Engineering Or c. Automobile Engineering Or d. Production Engineering			
			(ii) Automobile Engineering subjects	a. Mechanical Engineering Or b. Automobile Engineering Or c. Machine Tool Engineering			
			(iii) Fluid Pumping Machine subjects	a. Mechanical Engineering			

			(iv) Internal Combustion Engineering subjects	a. Mechanical Engineering Or b. Automobile Engineering		
			(v) CAD/CAM & Automation subjects	a. Mechanical Engineering Or b. Automobile Engineering Or c. Production Engineering Or d. Machine Tool Engineering		
			(vi) Thermal Engineering subjects	a. Mechanical Engineering Or b. Automobile Engineering Or c. Production Engineering		
			<b><u>3. Electrical Engineering with :-</u></b>			
			(i) Control Systems Engineering subjects	a. Electrical Engineering Or b. Electronics Engineering Or  c. Electronics and Tele-communication Engineering Or d. Instrumentation Engineering Or e. Power Electronics		
			(ii) Power Systems Engineering subjects	a. Electrical Engineering Or b. Power Electronics		

12.	Master of Engineering (M.E.) Electronics (Part-time) Degree Course	O.3307	A candidate for being eligible for admission to the Master of Engineering (M.E.) in Electronics must have taken the degree of Bachelor of Engineering in Electronics/Electrical/Instrumentation /Electronics and Telecommunication Engineering or Bachelor of Engineering in (Part-time degree course) the aforesaid branches of this University or the degree of Bachelor of Engineering in the aforesaid branches of any other University recognized as equivalent to Bachelor of Engineering degree of this University or must have passed the examinations conducted by the Institutions of Engineers (India) and qualify to become A.M.I.E. (India)(Associate Member of Institute of Engineers) in the aforesaid branch.	Three Years	
13.	Master of Engineering (Production) (with specialization in Manufacturing) (Part-time degree course)	O.5394	<p>A candidate for being eligible for admission to the Master of Engineering (M.E.) in Production Engineering with specialization in Manufacturing Engineering part-time course must have passed the degree of Bachelor of Engineering in Mechanical Engineering, Production Engineering, Automobile Engineering or Machine Tool Engineering of this University or of Bachelor of Engineering in the aforesaid branches of any other University recognized as equivalent to B.E. of this University or must have passed the examinations conducted by the Institution of Engineers (India) and qualify to become A.M.I.E. (India) (Associate Member of Institution of Engineers) in the aforesaid branches.</p> <p>A candidate must have a minimum two years of full time work experience in a registered firm/Company/Industry/Educational and Research Institution/any Government Departments or Government Autonomous Organizations in the relevant field in which admission is being sought.</p>	Seven Semesters Part-time	No.UG/404 of 2004, Dated 16 <sup>th</sup> September, 2004
14.	Master of Engineering (M.E.) (Plastic Engineering) Degree Course	O.5131	<p>Any person who has passed the examination of the degree of Bachelor of Engineering of this University or the degree of Bachelor of Engineering of any other University recognized as equivalent to the Bachelor of Engineering degree of this University with any of the following branches:-</p> <p>Mechanical Engineering or Production Engineering or Chemical Engineering or Plastic Engineering or Polymer Engineering which is</p>	Four Semesters	No.UG/403 of 2008, Dated 29 <sup>th</sup> August, 2008

			a four year degree course after HSC, with first class (60% and above or equivalent grade average) may be admitted to the M.E.(Plastic Engineering) course (Partly by papers and partly by thesis). A person who has passed the Entrance Examination viz. GATE examination with valid score will be given preference for admission to M.E. degree course and will be eligible for the award of UGC fellowship. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to Reserved Category, with domicile in the State of Maharashtra.		
15.	Master of Engineering (M.E.) (Electrical) (Power Electronics & Drives)	<u>O.5959</u>	<p>Bachelor's Engg. Degree in the following Branches (s):-</p> <ul style="list-style-type: none"> <li>a) Electrical Engg.</li> <li>b) Electrical &amp; Electronics Engg.</li> <li>c) Electronics Engg.</li> <li>d) Instrumentation Engg.</li> <li>e) Instrumentation &amp; Control Engg.</li> <li>f) Electronics &amp; Telecommunication Engg.</li> <li>g) Industrial Electronics Engg.</li> </ul>	Two Year Full Time	No. UG/144 of 2012-13 Date : 22 <sup>nd</sup> February, 2013
16.	Master of Technology (M.Tech.)	O.5157	<p>Any person who has passed the examination for the degree of B.Tech. of this University or an examination of another University recognized equivalent thereto which is a four year degree course after HSC, with first class (60% and above or equivalent grade average) may be admitted to the M.Tech course (partly by papers and partly by thesis) in one of the branches of Technology mentioned below in which he registers as a post-graduate student. <b>A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra.</b></p> <ul style="list-style-type: none"> <li>1. Intermediates and Dyestuff Technology</li> <li>2. Perfumery and Flavour Technology</li> <li>3. Fibres and Textile Processing Technology</li> <li>4. Food Technology and Engineering</li> </ul>		No.UG/403 of 2008, Dated 29 <sup>th</sup> August, 2008

			<p>5. Fermentation Technology 6. Bioprocess Technology 7. Oils, Oleochemicals and Surfactants Technology 8. Pharmaceutical and Fine Chemicals Technology 9. Paints Technology 10. Polymer Technology and Engineering</p> <p><b>1) Intermediates and Dyestuff Technology</b></p> <p>Any person who has passed with first class (60% and above or equivalent Grade point average) in any one of the following examinations or their equivalent.</p> <p>B.Sc.(Tech) (Technology of Intermediates and Dyestuff)/ B.Tech. (Intermediates and Dyestuff Technology ) from University of Mumbai or from any other recognized University. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra.</p> <p><b>2) Perfumery and Flavour Technology</b></p> <p>Any person who has passed with first class (60% and above or equivalent grade point average) in any one of the following examinations or their equivalent. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra.</p> <p>B.Sc.(Tech.)/B.Tech in any of the following branches of Technology from University of Mumbai or form any other recognized University.</p> <p>a) Intermediates and Dyestuff Technology b) Food Technology and Engineering / Food Engineering c) Oils, Oleochemicals and Surfactants Technology. d) Equivalent degree to B.Tech wherein one of the above mentioned branches from a major component.</p>		
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**3) Fibres and Textile Processing Technology :**

Any person who has passed with first class (60% and above or equivalent grade point average) in any one of the following examinations or their equivalent. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra.

B.Tech. (Textile Processing/Chemistry), B.Sc(Tech.) (Textile Processing/Chemistry) of Mumbai University, B.Text (Textile Chemistry), B.E.( Textile Chemistry), B.E. (Textile Technology),B.Tech.(Textile Chemistry), B.Tech(Textile Technology), B.Tech.(Fibre Technology) from University of Mumbai or from any recognized University.

**4) Food Technology and Engineering :**

Any person who has passed with first class (60% and above or equivalent grade point average) in any one of the following examinations or their equivalent. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra.

a) B.Tech., B.Chem. Tech. B.E. in Food Engineering or Food Technology, or Food Science, or Food Process Technology, or Food Process Engineering, or Dairy Technology from University of Mumbai or from any other recognized University.

b) B.Sc.(Tech.) (Food Technology) from University of Mumbai or from any other recognized University.

**5) Fermentation Technology :**

Any person who has passed with first class (60% and above or equivalent grade point average) in any one of the following examinations or their equivalent. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra.

- a) B.Tech., B. Chem. Tech., B.E. in Food Engineering or Food Technology, or Food Science, or Food Process Technology, or Food Process Engineering, or Dairy Technology from University of Mumbai or from any other recognized University.
- b) B.Sc.(Tech.) (Food Technology) from University of Mumbai or from any other recognized University.
- c) B.Tech., B.Chem. Tech., B.E., B.Sc(Tech). or equivalent engineering/technology degree in Bio-technology, Bio-chemical Engineering from University of Mumbai or from any other recognized University.

**6) Bioprocess Technology :**

Any person who has passed with first class (60% and above or equivalent grade point average) in any one of the following examinations or their equivalent. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra. Any degree in Chemical Engineering, Pharmaceutical Sciences/ or Technology, any branch of Chemical Technology or equivalent degree from University of Mumbai or from any other recognized University.

**7) Oils Oleochemicals and Surfactants Technology :**

Any person who has passed with first class (60% and above or equivalent grade point average) in any one of the following examinations or their equivalent. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra. B.Sc.(Tech.) (Oils Fats and Waxes Technology) or B.Tech. (Oil, Oleochemicals and Surfactants Technology) from University of Mumbai or from any other recognized University.

**8) Pharmaceutical And Fine Chemicals Technology :**

Any person who has passed with first class (60% and above or equivalent grade point average) in any one of the following examinations or their equivalent. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra.

B.Sc.(Tech.) (Technology of Pharmaceuticals and Fine Chemicals) or B.Tech. (Pharmaceuticals and Fine chemicals Technology) degree from University of Mumbai or from any other recognized University.

**9) Paints Technology**

Any person who has passed with first class (60% and above or equivalent grade point average) in any one of the following examinations or their equivalent. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra.



- a) B.Sc. (Tech.) (Paint Technology)/B.Sc.(Tech.) Plastic Technology) from University of Mumbai or from any other recognized University.
- b) B.Tech.(Paints Technology)/B.Tech.(Polymer Technology and Engineering) from University of Mumbai or from any other recognized University.
- c) B.Chem. Tech.(Paints Technology/Polymer Engineering/ Polymer Technology/ Plastic Technology), from any recognized University.
- d) B.E.(Paints Technology/Polymer Engineering/Polymer Technology/Plastic Technology/Plastic Engineering), from any recognized University.

**10) Polymer Technology and Engineering :**

Any person who has passed with first class (60% and above or equivalent grade point average) in any one of the following examinations or their equivalent. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra.

- a. B.Tech (Polymer Technology and Engineering.) or B.Tech (Paints Technology) from University of Mumbai or from any other recognized University.
- b. B.Sc.(Tech) (Technology of Plastics or Technology of Paints), from University of Mumbai or from any other recognized University.
- c. B.Chem.Engg. from University of Mumbai or from any other recognized University.

			<p>d. B.Sc.Tech. in Rubber Technology from any recognized University.</p> <p>e. B.E. (Polymer Engg.) or B.E.(Plastic Engg.) from any recognized University.</p> <p>f. B. Chem. Tech. (Polymer Engg.) or B.E. (Plastics Engg.) from any recognized University</p> <p>g. B.E. (Petrochemical Engineering /Technology) from any recognized University.</p>		
17.	Master of Technology (Green Technology) (Full time Course)	O.5641	<p>The following candidates are eligible for admission :</p> <p>B.Chem. Eng./B.Sc.(Tech.)/ B.Tech. (Chem. Tech) (In all branches of chemical technology)/ B.Pharm. degrees of the University of Mumbai in first class or equivalent degree of other university or IIT or NIT.</p> <p style="text-align: center;"><b>Or</b></p> <p>M.Phil. (Chemistry, Biology, Microbiology, Biotechnology, Biochemistry) (First class or otherwise) and GATE/NET/SET any other equivalent examination conducted nationally.</p> <p style="text-align: center;"><b>Or</b></p> <p>M.Sc. (Chemistry, Biology, Microbiology, Biotechnology, Biochemistry) with first class with two years industrial experience in production of chemicals, materials, drugs, intermediates, etc. or R and D of the said industries in case of sponsored candidates.</p> <p>A person who has passed any nationally conducted entrance examination, such as GATE, NET, SET examination with a valid score will be given preference for admission to M.Tech. Degree</p>	Four Semesters	No.UG/280 of 2006, Dated 26 <sup>th</sup> July, 2006

			course. The person with a valid GATE score and admitted to M.Tech. course will be eligible for the award of UGC or any other fellowship. The examination for the degree of M.Tech. (Green Tech.) will be held in two phases: (1) a theory examination (as mentioned in syllabus) and (ii) a thesis to be submitted as mentioned in syllabus.		
18.	Master of Technology (Green Technology) (Part-time course)	O.5645	<p>The following candidates are eligible for admission: B.Chem.Eng./B.Sc.(Tech.)/B.Tech.(Chem.Tech)(In all branches of chemical technology)/ B.Pharm. degrees of the University of Mumbai in first class or equivalent degree of other university or IIT or NIT, with industrial experience of two years in production of chemicals, materials, drugs, intermediates, energy, etc. or R and D of the said industries.</p> <p style="text-align: center;"><b>Or</b></p> <p>M.Sc. (Chemistry, Biology, Microbiology, Biotechnology, Bio-chemistry) with first class with two years industrial experience in production of chemicals, materials, drugs, intermediates, energy, etc. or R and D of the said industries</p> <p>The examination for the degree of M.Tech. (Green Tech.) will be held in two phases: (i) a theory examination (as detailed below) and (ii) a thesis to be submitted as mentioned in the syllabus.</p>	Three years	No.UG/315 of 2006, Dated 10 <sup>th</sup> August, 2006
19.	Master of Technology (Textiles)/M.Tech. (Textiles)	O.5154	A candidate for being eligible for an admission to the First Semester of Master of Technology (Textile Technology) Degree Course must have passed four year course of the Bachelor of Textiles Examination (B.Text.) or Bachelor of Technology(Textile Technology) B.Tech.(Textile Technology) examination of this University or Bachelor of Textiles Degree examination (four year Post-HSC Degree Course) of any other University recognized as equivalent to the B.Text or B.Tech.(Textile Technology) Degree examination of this University.	Four Semesters	No.UG/515 of 2002, Dated 2 <sup>nd</sup> December, 2002

			A person who has passed the entrance examination viz. GATE examination with valid score will be given preference for admission to M.Tech Degree course, Such a candidate will be eligible for award of AICTE/GOVT. fellowship.		
20.	Master of Textiles (M.Text.) (By Papers)	O.2629	A candidate for being eligible for admission to the Master of Textiles degree course must have passed the Bachelor of Textiles examination of this University or the Bachelor of Textiles degree examination of any other University recognized as equivalent to the B.Text. degree examination of this University.	Three Semesters	Pamphlet No.192
21.	Master of Textiles (M.Text.) (By Research)	O.558	Any person who has taken the degree of Bachelor of Textiles at least in the Second Class of this University or a degree at least in the Second Class of another University recognized as equivalent thereto, may, after he has worked under the guidance of a University Teacher for at least four terms or two calendar years under O.559 subsequent to his passing the Bachelor of Textiles or the equivalent examination, be admitted to the examination for the degree of Master of Textiles in accordance with the relevant Regulation.	Four Terms Two Years	Pamphlet No.37
22.	Master of Chemical Engineering (M.Chem. Engg.)	O.5127	Any person who has passed the examination for the degree B.Chem. Engg. of this University or an examination of another University recognized as equivalent thereto which is a four year degree course after HSC, with first class (60% and above or equivalent grade average) may be admitted to the M.Chem. Engineering course partly by papers and partly by thesis. A person who has passed the entrance examination viz. GATE examination with a valid score will be given preference for admission to M.Chem. Engg. degree course. The person with a valid GATE score and admitted to M.Chem. Engg. Degree course will be eligible for the award of UGC fellowship. The examination for the degree of M.Chem. Engg. will be held in two phases; (1) a theory examination and (ii) a thesis. A 5% concession in the prescribed percentage of marks in the qualifying examination for admission will be granted to the candidate belonging to reserved category, with domicile in the State of Maharashtra.	Four Semesters	No.UG/403 of 2008, Dated 29 <sup>th</sup> August, 2008

23.	Master of Computer Application (M.C.A.)	O.2645	A candidate for being eligible for admission to the Master of Computer Application (M.C.A.) Degree Course must have passed with minimum 45% marks in aggregate (40% in case of backward class candidates from Maharashtra State only) in any Bachelor's degree of minimum three years duration in any discipline recognized by the Association of Indian Universities and having studied Mathematics or Statistics as one of the subjects at 10+2 level or higher level examination.	Three Years	No.UG/513 of 2004, Dated 22 <sup>nd</sup> November, 2004
24.	Master of Pharmaceutical Science (M.Pharm.Sc.) Course	O.5103	<p>Candidate who is Indian National and who passes Bachelors Degree in Pharmacy or equivalent from Institutions approved by AICTE, with at least 50% marks (at least 45% marks in case of SC/ST category) belonging to the State of Maharashtra only and should have valid and qualified score obtained in the GPAT examination held in the respective year of admission.</p> <p style="text-align: center;">OR</p> <p>Candidate who is Indian and who passes Bachelors degree in Pharmacy or equivalent from Institutions approved by AICTE, with at least 50% marks (at least 45% marks in case of SC/ST category) belonging to the State of Maharashtra only and should have non zero score in MAH-MPH-CET examination held in the respective year of admission.</p>	Three Semesters and Thesis	<p>No.UG/63 of 2012-13, Dated 10 September, 2012</p> <p>No.UG/228 of 2002, Dated 21<sup>st</sup> May, 2002</p>
		O.5104	<p>The examination for the degree of M..Pharm. Sciences, shall consist of the following Branches of Pharmaceutical Sciences and will be held in two parts (1) a theory examination and (2) a thesis to be submitted in the respective branches</p> <p style="text-align: center;">Branches are :-</p> <p style="text-align: center;">2) Medicinal Chemistry 3) Pharmacology 4) Pharmaceutics</p>		

			<p>5) Pharmacognosy and Phytochemistry          6) Pharmaceutical Analysis          7) Clinical Pharmacy          8) Medicinal Natural Product          9) Bio Pharmaceutics and Pharmacokinetics          10) Quality Assurance</p>		
25.	Master of Architecture (By Research)	O.5367	A candidate for being eligible for admission to the Master's degree course in Architecture (by research) must have passed the Examination for the degree of Bachelor of Architecture of this University or of any other University recognized as equivalent thereto with a minimum of 50 per cent marks on the aggregate or must have passed the diploma in Architecture conducted by the Board of Technical Examinations of the Maharashtra.	Two Years	No.UG/403 of 2004, Dated 13 <sup>th</sup> September, 2004
26.	Master of Architecture in Urban Design (M.Arch) (Urban Design)	O.5370	A candidate for being eligible for admission to First Semester of Master's Course in Urban Design must be a Graduate who has completed the Degree in Architecture of a recognized University or equivalent Academic Qualification.	Two Years (Full-time)	No.UG/403 of 2004, Dated 13 <sup>th</sup> September, 2004
27.	Master of Architecture in Landscape (M.Arch.) (Landscape)	O.5016	A candidate for being eligible for admission to First Semester of Master of Architecture in Landscape must be a graduate who has completed the Degree of a recognized University or equivalent academic qualification.	Three semesters (Full-time course one and half year)	No.UG/110 of 2001, 31 <sup>st</sup> March, 2001
28.	Master of Architecture in Landscape (M.Arch.) (Landscape)	O.5746	A candidate for being eligible for admission to first Semester of Master of Architecture in Landscape must be a Graduate who has completed B.Arch. Degree of a recognized University or equivalent qualifications.	Three Years (Part-time)	No.UG/528 of 2008, Dated 10 <sup>th</sup> December, 2008
29.	Master of Architecture in Architectural and Urban Conservation	O.5381	A candidate for being eligible for admission to First Semester of M.Arch. in Architectural and Urban Conservation must be a Graduate who has completed the Degree in Architecture of a recognized University or equivalent Academic qualification.	Four Semester (Full-time)	No.UG/403 of 2004, Dated 13 <sup>th</sup> September, 2004

30.	Master of Architecture in Urban and Regional Planning  <b>(Credit Based Semester &amp; Grading System introduced)</b>	O.5753  O.6053 (CBSGS)	A candidate for being eligible for admission to the First Semester of Masters in Architecture must be a graduate who has completed the Degree in Architecture of a recognized University or equivalent academic qualifications as approved by the Council of Architecture and Ad-hoc Board of Studies in Architecture of the University.  A candidate for being eligible for admission to First semester of Masters in Urban and Regional Planning must be a graduate with B. Arch or equivalent degree in Architecture, or B. Planning, or B.E. (civil), or masters in Geography, or Economics, or Sociology.	Four Semesters (Full-time)	No.UG/529 of 2008, Dated 10 <sup>th</sup> December, 2008  No. UG/81 of 2013-14 Dated 27 <sup>th</sup> Dec., 2013
31.	Master of Architecture in Project Management	O.6037	A candidate for being eligible for admission to First Semester of Masters in Architecture (Project Management) must be a graduate who has completed B.Arch./G.D. Arch./B.E. Civil of a recognized University or equivalent Academic qualification, prescribed by the Council of Architecture; New Delhi	Two Years (Four Semesters) (Full-time)	No. UG/111 of 2012-13. Dated 7 <sup>th</sup> January, 2013
32.	Certificate Course in Chemical Technology	O. 4068  O.4069  O.4070	Admission to the Certificate course will be made at the beginning of the Second Term of the academic year at U.I.C.T.  Admission to the Certificate is open only for those candidates who are registered for Ph.D. degree at U.I.C.T. have also completed at least one terms study at U.I.C.T.  Selection of the candidates for admission to the certificate course will be based on a written aptitude test and personal interview.	Three terms (Each term 45 hours)	No.UG/430 of 2000, Dated 22 <sup>nd</sup> December, 2000