

**UNIVERSITY OF MUMBAI**  
**No. UG/91 of 2013-14**

**CIRCULAR:-**

A reference is invited to the Ordinance and Syllabi relating to the Master of Engineering (M.E.) degree course **vide** this office Circular No.UG/84 of 2012, dated 7<sup>th</sup> November, 2012 and the Principals of affiliated Colleges in Engineering are hereby informed that the recommendation made by the Faculty of Technology at its meeting held on 22<sup>nd</sup> April, 2013 has been accepted by the Academic Council at its meeting held on 29<sup>th</sup> April, 2013 **vide** item No. 4.89 and subsequently approved by the Management Council as its meeting held on 20<sup>th</sup> June, 2013, 21<sup>st</sup> June, 2013 and 11<sup>th</sup> July, 2013 **vide** item No.14 and that in accordance therewith, in exercise of powers conferred upon the Management Council under Section 54(1) of the Maharashtra Universities Act, 1994, the Ordinance 5134 relating to the eligibility for (M.E.) degree course is amended, which is available on the University's web site ([www.mu.ac.in](http://www.mu.ac.in)) and that the same has been brought into force with effect from the academic year 2013–2014.

MUMBAI – 400 032  
30<sup>th</sup> December, 2013

REGISTRAR

To,

The Principals of affiliated Colleges in Engineering.

**A.C/4.89/29/04/2013**  
**M.C/14/20/06/2013, 21/06/2013 & 11/07/2013**

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No. UG/91 -A of 2013-14                      MUMBAI-400 032                      30<sup>th</sup> December, 2013

Copy forwarded with compliments for information to:-

1. The Dean, Faculty of Technology,
2. The Chairmen/Chairpersons of various Board of the Studies in Engineering and Technology.
3. The Director, Board of College and University Development,
4. The Controller of Examinations,
5. The Co-Ordinator, University Computerization Centre.

Sd/-

Deputy Registrar  
Under Graduate Studies

**Existing Ordinance 5134:**

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:-

<u>Master of Engineering</u>	<u>Bachelor of Engineering</u>
1. Civil Engineering with (i) Environmental Engineering Subjects	a. Civil Engineering OR b. Environmental Engineering OR c. Construction Engineering
(ii) Structural Engineering Subjects	a. Civil Engineering OR b. Construction Engineering
(iii) Traffic and Transportation Engineering Subjects	a. Civil Engineering OR b. Construction Engineering
(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
2. Mechanical Engineering with (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) Manufacturing systems Engineering subjects	a. Mechanical Engineering OR b. Automobile engineering OR c. Production Engineering OR d. Industrial Engineering
(vi) CAD/CAM & Automation subjects	a. Mechanical Engineering OR b. Automobile Engineering OR c. Production Engineering OR d. Machine Tool Engineering
(vii) Thermal Engineering Subjects	a. Mechanical Engineering OR b. Automobile Engineering OR c. Production Engineering
viii) Energy Engineering subjects	a. Mechanical Engineering OR b. Automobile Engineering OR c. Aerospace / Aeronautical Engineering
ix) Heat Power subjects	a. Mechanical Engineering OR b. Automobile Engineering OR c. Aerospace / Aeronautical Engineering
3. Electrical Engineering with (i) Control Systems Engineering Subjects	a. Electrical Engineering OR b. Electronics Engineering OR c. Electronics and Telecommunication Engineering OR d. Instrumentation Engineering OR e. Power Electronics
(ii) Power Systems Engineering Subjects	a. Electrical Engineering OR b. Power Electronics
(iii) Power Electronics and Drives	a. Electrical Engineering OR b. Power Electronics OR c. Electronics and Power

4. Electronics Engineering	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 g. Biomedical Engineering
5. Electronics & Telecommunication Engineering	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 Electronics g. Biomedical Engineering
6. Instrumentation & Control Engineering	a. Electrical Engineering OR b. Electronics Engineering OR c. Instrumentation Engineering OR d. Power Electronics g. Biomedical Engineering
7. Computer Engineering	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
8. Information Technology	All branches of the Bachelor of Engineering (B.E.) degree courses
9. Information Technology in Information Security	a. Computer Engineering / Science / Technology OR b. Information Technology OR c. Electronics & Telecommunication Engg OR d. Electrical Engineering OR e. Electronics & Power
10. Biomedical Engineering	a. Biomedical Engineering OR b. Computer Engineering OR c. Instrumentation Engineering OR d. Electronics Engineering OR e. Electronics and Tele-Communication Engineering OR f. Electrical Engineering OR g. Information Technology OR h. Electronics and Power Engineering OR i. Electrical and Electronics Engineering OR j. Power Electronics
11. Production Engineering	a. Production Engineering OR b. Mechanical Engineering OR c. Industrial Engineering OR d. Machine Tool Engineering OR e. Automobile Engineering OR f. Metallurgical Engineering
12. Chemical Engineering	a. Chemical Engineering OR b. Chemical Technology OR c. Petrochemical Engineering OR d. Petroleum Engineering OR e. Biotechnology

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), Kolkata 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.

Further that the amended Ordinance 5134 relating to the eligibility criteria for admission to the M.E. degree course is amended and that the same will be brought into force with effect from the academic year 2012-2013.

**Revised Ordinance 5134:**

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:-

<b>Master of Engineering</b>	<b>Bachelor of Engineering</b>
<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 (iii) CAD/CAM & Robotics subjects	a. Mechanical Engineering OR b. Automobile engineering 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 d. Industrial Engineering OR e. Machine Tool Engineering OR f. Metallurgical Engineering
<b>3. Electrical Engineering with</b> (i) Control Systems Engineering Subjects (ii) Power Systems Engineering Subjects (iii) Power Electronics and Drives	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
<b>4. Electronics Engineering</b>  <b>5. Electronics &amp; Telecommunication Engineering</b>	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

<b>6. Instrumentation Engineering</b> <b>7 Instrumentation &amp; Control Engineering</b>	a. Electrical Engineering OR b. Electronics Engineering OR c. Instrumentation Engineering OR d. Power Electronics OR g. Biomedical Engineering OR h. Mechanical Engineering OR i. 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
<b>12. Biomedical Engineering</b>	a. Biomedical Engineering OR b. Computer Engineering OR c. Instrumentation Engineering OR d. Electronics Engineering OR e. Electronics and Tele-Communication Engg. OR f. Electrical Engineering OR g. Information Technology OR h. Electronics and Power Engineering OR i. Electrical and Electronics Engineering OR j. Power Electronics
<b>13. Chemical Engineering</b>	a. Chemical Engineering OR b. Chemical Technology OR c. Petrochemical Engineering OR d. Petroleum Engineering OR e. Biotechnology

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), Kolkata 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.

Further that the amended **Ordinance 5134** relating to the eligibility criteria for admission to the M.E. degree course is amended and that the same will be brought into force with effect from the academic year 2013-2014.