

UNIVERSITY OF MUMBAI

No. UG/140 of 2015-16

CIRCULAR:-

A reference is invited to the Ordinances and Regulations relating to the Bachelor of Engineering (B.E) degree-course vide this office Circular No.UG/88 of 2012-13, dated 8th 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 26th August, 2015 has been accepted by the Academic Council at its meeting held on 31st August, 2015 vide item No. 2.1 and that in accordance there with in exercise of the powers conferred upon Management Council under Section 54 (1) of the Maharashtra Universities Act, 1994, the Ordinance 6242, 6243, 6244, 6245, 6246, 6247, 6248, 6249, 6250, 6251, 6352, 6253, 6254, 6255, 6256, 6257, 6258, 6259, 6260, 6261, 6262, 6263 relating to the Credit Based Semester and Grading System of B.E. Program are amended, which is available on the University's web site (www.mu.ac.in) and which is come in to force with immediate effect.

Sd/-
REGISTRAR

MUMBAI - 400 032
3rd February, 2016

To,

The Principals of affiliated Colleges in Engineering.

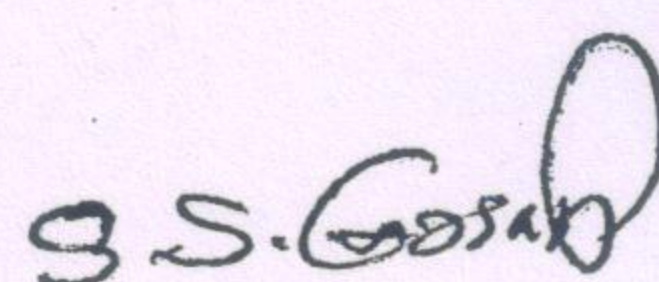
A.C/ 2.1/31/08/2015.
M.C/12/31/08/2015.

No. UG/140-A of 2016

MUMBAI-400 032 3rd February, 2016

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.


Deputy Registrar
Under Graduate Studies

.... PTO

**Ordinances and Regulations Relating to Bachelor of
Engineering (B.E.)**

ORDINANCES RELATED TO ADMISSION:

0. : A learner who has passed semester I and Semester II examinations will be permitted to enter upon the program for semester III. However, a learner who has failed in not more than eight heads of passing of which not more than five shall be in End Semester Examinations of Semester I and Semester II considered together will also be permitted to enter upon the program for Semester III.

0. : A learner who has passed semester I to semester IV examinations will be permitted to enter upon the program for semester V. However, a learner who has failed in not more than eight heads of passing of which not more than five shall be in End Semester Examinations of Semester III and Semester IV considered together will also be permitted to enter upon the program for Semester V provided he/she has passed semester I and semester II examinations.

0. : A learner who has passed semester I to Semester VI examinations will be permitted to enter upon the program for semester VII. However, a learner who has failed in not more than eight heads of passing of which not more than five shall be in End Semester Examinations of Semester V and Semester VI considered together will also be permitted to enter upon the program for semester VII provided s/he has passed all examinations up to and including semester IV.

0. : Notwithstanding anything contained in 0.3711 and 0.3712 a learner who has satisfactorily kept term for semester VI of the Third Year production Engineering or Bio-medical Engineering program shall be deemed eligible to undergo training in industry if arranged during semester VII. However, s/he will be eligible to join semester VIII of the program provided s/he has failed in not more than eight heads of passing of which not more than five shall be in End Semester Examinations of Semester V and Semester VI considered together and has passed all examinations upto and including semester IV previously. The word 'previously' refers to semester III, Semester IV, Semester V and Semester VI examinations conducted no later than the first half of the year or training.

Ordinances 0.3712 and 0.3713 will apply to learners whose training is arranged during semester VIII of the production Engineering program.

ORDINANCES RELATED TO EXAMINATION:

O Internal Assessment, End semester examination, Practical and /or oral will be considered as separate Heads of passing prescribed in the scheme of instructions and examinations. Term Work is not a separate head of passing; however a learner is eligible to appear for any form of examination only after satisfactory completion of Term Work in all courses of a particular semester as per scheme of instructions and examinations.

O A learner for being eligible to appear for semester III of the second year Engineering Examination should have satisfactorily kept the term for semester III and passed in semester I and Semester II examination. However, a learner who has failed in not more than eight heads of passing of which not more than five shall be in End Semester Examinations of Semester I and Semester II considered together will also be permitted to appear for semester III examination.

O : A learner for being eligible to appear for semester IV of the second Years Engineering examination should have satisfactorily kept the term for semester IV and passed all examinations upto semester III. However, a learner who has failed in not more than eight heads of passing of which not more than five shall be in End Semester Examinations of Semester I, Semester II and Semester III considered together will also be permitted to appear for semester IV examination.

O A learner for being eligible to appear for semester V of the Third year Engineering Examination should have satisfactorily kept the term for semester V and passed all examinations upto semester IV. However, a learner who has failed in not more than eight heads of passing of which not more than five shall be in End Semester Examinations of Semester III and Semester IV considered together will also be permitted to appear for semester V examination.

O A learner for being eligible to appear for semester VI of the Third Year Engineering Examination should have satisfactorily kept the term for semester VI and passed all examinations upto semester V. However, a learner who has failed in not more than eight heads of passing of which not more than five shall be in End Semester Examinations of Semester III and Semester IV considered together will also be permitted to appear for semester VI examination.

O A learner for being eligible to appear for semester VII of the Final Year Engineering examination should have satisfactorily kept the term for Semester VII and passed all examinations upto semester VI. However, a learner who has failed in not more than eight heads of passing of which not more than five shall be in End Semester Examinations of Semester V and Semester VI considered together will also be permitted to appear for semester VII examination.

O A learner for being eligible to appear for semester VIII of the Final Year Engineering Examination should have satisfactorily kept the term for semester VIII and passed all examinations upto semester VII. However, a learner who has failed in not more than eight heads of passing of which not more than five shall be in End Semester Examinations of Semester V and Semester VI considered together will also be permitted to appear for semester VIII examination.

O : To pass in the individual courses of semester I to VIII examinations, a learner must obtain a minimum of 40% of the full marks. The minimum of 40% of the full marks must be obtained in the Internal Assessment, End semester examination, practical and oral examination separately in each course as applicable.

A learner also pass in individual courses even if s/he fails in Internal Assessment but secure more than 50% in total (Internal Assessment + End Semester Examination) in that course.

Or

O : A learner who fails in an examination, but secures a minimum of 40 % of the marks assigned to the Internal Assessment, End semester examination, practical and/or oral examination in a course will at his /her option be exempted from reappearing in the Internal Assessment, End semester examination, practical and/or oral examination in that course. The marks secured by such a learner in the Internal Assessment, End semester examination, practical and/or oral examination will be carried forward to the subsequent examination at which s/he reappears.

O. ... Credit (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and tutorial hours, and a multiplier of half (1/2) for laboratory hours. The minimum credit required for award of a B.E. degree is 180.

O : A learner is awarded a letter grade in every course, based on the combined performance in all assessments in a particular semester as per scheme of instructions and examinations of the respective programme. These letter grades not only indicate a qualitative assessment of the learner's performance but also carry a quantitative (numeric) equivalent called the Grade Point. The letter grades and their equivalent grade point applicable for undergraduate programme are as below:

Percentage of Marks Obtained	Letter Grade	Grade Points	Performance
80.00 and above	O	10	Outstanding
75.00 – 79.99	A	9	Excellent
70.00 – 74.99	B	8	Very Good
60.00 – 69.99	C	7	Good
50.00 – 59.99	D	6	Fair
45.00 – 49.99	E	5	Average
40.00 – 44.99	P	4	Pass
Less than 40.00	F	0	Fail

O. ... : The **grade for theory courses** can be **awarded** only after **successfully completion of both Internal Assessment and End Semester Examination** of the respective course as per scheme of instructions and examinations of the respective programme.

O. ... : A learner who remains absent in any form of evaluation/examination, letter grade allocated to him/her should be AB and corresponding grade point is zero. S/he should reappear for the said evaluation/examination in due course.

O. ... : The performance of a learner in a semester is indicated by a number called Semester Grade Performance Index (SGPI). The SGPI is the weighted average of the grade points obtained in all the courses by the learner during the semester. For example, if a learner passes

five courses (Theory/labs./Projects/ Seminar etc.) in a semester with credits C1, C2, C3, C4 and C5 and learners grade points in these courses are G1, G2, G3, G4 and G5 respectively, then learners' SGPI is equal to:

The SGPI is calculated to two decimal places. The SGPI for any semester will take into consideration the "F or AB" grade awarded in that semester. For example if a learner has failed in course 4, the SGPI will then be computed as:

O... : A learner's up to date assessment of the overall performance from the time s/he entered the University of Mumbai is obtained by calculating a number called the Cumulative Grade Performance Index (CGPI), in a manner similar to the calculation of SGPI. The CGPI therefore considers all the courses mentioned in the scheme of instructions and examinations, towards the minimum requirement of the degree learner have enrolled for. The CGPI is calculated at the end of every semester up to two decimal places and is indicated in semester grade report cards.

The CGPI will reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPI will only reflect the new grade and not the fail grades earned earlier.

Example: Up to semester r a learner has registered for n courses, among which s/he has "F" grade in the course. The semester grade report at the end of semester r therefore will contain a CGPI calculated as:

Even if a learner has failed in a course more than once, the course will figure only once in the numerator as well as the denominator. At the end of semester r+1s/he has appeared for examination for k number of courses including the it backlog course and has cleared all the courses including the backlog course, the CGPI at the end of this semester is calculated as, There will also be a final CGPI calculated which considers all the credits earned by the learner specified for a particular programme.
