



Sub.: Engineering Summer Examination 2020

CIRCULAR

The Principals of the affiliated Engineering and Technology Colleges (non-autonomous/conducted / autonomous / Institutions) and Directors / Co-ordinator of University School of Engineering and Applied Sciences, Kalyan and all concerned are hereby directed to take due cognizance of University circular spvmp/2020-21/4 dated 22 May 2020 and complete pending term work, oral, internal assessment examinations of Engineering students and process the result as per following guidelines.

General: Engineering Examination is carried out with 80:20 pattern, 80 marks for end semester examination and 20 marks from internal assessment based on average of two Internal Assessment tests (IA-1 & IA-2 carried out for 20 marks each).

B.E. Semester VIII Examination:

Term-grant, T/W Submission and Internal Assessment:

1. Based on the student's performance in Term-work / Practical & the requisite overall 75% attendance, calculated by considering the actual attendance of students before the lockdown (13th March 2020) and adding the number of days from 13th March 2020 till the end of the semester due to lockdown, the students be given the term-grant for the academic year 2019-2020.
2. Term-work for all the students be taken online on any of the suitable platforms like email/ LMS etc.
3. Calculation of the Term-Work marks be based on the regular lab course submissions completed till the 13th March with necessary assignments /lab write-ups duly completed as mentioned in the syllabus.
4. Online IA-1 retest be conducted for those students who were absent for the Internal Assessment Test - 1 (IA-1) in any subject or subjects of the current semester and marks obtained in retest conducted are to be accounted.
5. All the institutes have completed the Internal Assessment Test-I (IA-1) based on 40% syllabus of the subjects. Second Internal Assessment test IA-2, based on remaining portion covered till 13th March 2020, be conducted on suitable online platform by giving MCQ test or by giving the assignment problems (preferably different problems to each of the student). Assessment of IA-2 be carried out and the average of both IA-1 and IA-2 to be considered for awarding the final grades of the test.
6. After completion of all the exams, institutes should prepare the results for these examinations as per the university guidelines/norms and communicate the same to the university for further processing.

Undergraduate First year / Second Year/ Third Year Engineering and First year of Master of Engineering Examination

Term-grant, T/W Submission, Internal Assessment and Oral /Practical/Mini Project Examinations:

1. Based on the student's performance in Term-work / Practical & the requisite overall 75% attendance, calculated by considering the actual attendance of students before the lockdown (13th March 2020)

and adding the number of days from 13th March 2020 till the end of the semester due to lockdown, the students be given the term-grant for this academic year.

2. Term-work for all the students be taken online on any of the suitable platforms like email/ LMS etc.
3. Calculation of the Term-Work marks be based on the regular lab course submissions completed till the 13th March with necessary assignments /lab write-ups duly completed as mentioned in the syllabus.
4. All the colleges have completed the Internal Assessment Test-I (IA-1). IA2 is not been conducted by any of the institute. So only IA-1 marks to be used to grade the internal assessment of the students.
5. Online IA-1 retest be conducted for those students who were absent for the Internal Assessment Test - 1 (IA-1) in any subject or subjects of the current semester and marks obtained in retest conducted are to be accounted.
6. For those students who failed in the Internal Assessment Test -1 (IA-1) of any subject or subjects of the current semester, Institute can conduct online retest if student/ students are willing to appear for such test to improve their performance in Internal Assessment. The students can opt as per their willingness for such internal retest. If student appears for the retest, then the average of marks obtained in the two internal assessment test (IA-1 conducted during regular term and retest) should be considered for further calculations needed for performance evaluation. In case, if student do not opt for the retest, then the marks obtained in IA-1 should only be considered for the further calculations.
7. (a) For the laboratory course connected to theory subjects in that semester, the Oral/ Practical/ Mini project marks be evaluated by extrapolating / converting the average of Term-work marks for that lab course and IA-1 marks of the relevant subject.

(b) For the laboratory course not connected to any of the theory subjects in that semester, the Oral/ Practical/ Mini project marks be evaluated by extrapolating / converting the marks of the Term-work for that lab course.
8. To calculate the marks for each of the subject, 50% marks based on internal performance evaluation of the students for that subject be accounted along with 50% marks calculated based on the previous semester performance

The 80 marks of each of the subject to be calculated by the following way:

- a) 50 marks out of 80 to be evaluated based on marks obtained in previous semester. The performance evaluation of the previous semester should include the theory, term-work, practical and oral marks of all the subjects

For example:

- For grading the Sem. II, calculate the 50% weightage from the Sem. I performance.
 - For grading the Sem. IV, calculate the 50% weightage from the Sem. III performance.
 - For grading the Sem. VI, calculate the 50% weightage from the Sem. V performance
- b) For the students who passed in IA-1, the remaining 30 marks out of 80 to be evaluated based on IA-1 marks of the subject in the current semester.
 - c) Those students who were absent for IA1 and appeared for retest (as mentioned in point 5), the marks obtained in retest to be considered to calculate the remaining 30 marks out of 80.
 - d) For those students who failed in IA-1 and appeared for retest (as mentioned in point 6), the average of marks obtained in the two internal assessment test (IA-1 conducted during regular term and retest) to be considered to calculate the remaining 30 marks out of 80.

Examples for performance gradation and preparation of results of First, Second and Third year engineering and First Year of Master of Engineering (ME) Examination:

Students studying in Sem II, IV and VI would be evaluated giving consideration to their internal assessment marks and overall marks obtained in Sem I, III and V respectively. Calculations to be done as follows:

Case I: ESE 80 Marks; IA 20 Marks in all courses

Sem V (previous marks) (Nov-2019):

Student has scored overall 600 marks out of 750, overall percentage score is 80.00%

Hence, average marks out of 50, will be $=50 \times 0.8 = 40^{**}$

Semester VI marks for May 2020 to be calculated in following manner:

Courses	Internal assessment score in current sem (out of 20)	End semester exam marks to be calculated (out of 80) Internal 30* (Based on current semester Internal Assessment, 30% of Total marks + ESE 50** (Based on previous semester performance, 50% of total marks)	Out of 100
Course 1	15	23+40=63	15+63=78
Course 2	20	30+40=70	20+70=90
Course 3	18	27+40=67	18+67=85
Course 4	19	29+40=69	19+69=88
Course 5	17	26+40=66	17+66=83

*convert current internal marks out of 20 to out of 30, fractional marks converted to full next integer.

Case II : ESE 80 Marks; IA 20 Marks in all courses

Sem III (previous marks) (Nov-2019):

Student has scored overall 390 marks out of 750, overall percentage score is 52.00%

Hence, average marks out of 50, will be $=50 \times 0.52 = 26^{**}$

Semester IV marks for May 2020 to be calculated in following manner:

Courses	Internal assessment score in current sem (out of 20)	End semester exam marks to be calculated (out of 80) Internal 30* (Based on current semester Internal Assessment, 30% of Total marks + ESE 50** (Based on previous semester performance, 50% of total marks)	Out of 100
Course 1	15	23+26=49	15+49=64
Course 2	12	18+26=44	12+44=56
Course 3	07	11+26=37	07+37=44
Course 4	06	09+26=35	06+35=41
Course 5	14	21+26=47	14+47=61

*convert current internal marks out of 20 to out of 30, fractional marks converted to full next integer.

Case III: ESE 60 Marks; IA 15 Marks in few courses of a semester

Sem I (previous marks) (Nov-2019):

Student has scored overall 400 marks out of 700, percentage score is 57.14%

Hence, average marks out of 38 (50% of 75, fraction converted into next integer), which will be $=38*0.5714 = 21.71 = 22^{**}$

Semester II marks for May 2020 to be calculated in following manner:

Courses	Internal assessment score in current sem (out of 15)	End semester exam marks to be calculated (out of 60) Internal 22* (Based on current semester Internal Assessment, 30% of Total marks) + ESE 38** (Based on previous semester performance, 50% of Total marks)	Out of 75
Course 1	10	15+22=37	10+37=47

*convert current internal marks out of 15 to out of 22, fractional marks to be converted into full next integer.

Case IV: ESE 40 Marks; IA 10 Marks in few courses of a semester

Sem I (previous marks) (Nov-2019):

Student has scored overall 420 marks out of 700, percentage score is 60.00%

Hence, average marks out of 25 (50% of Total Marks 50), which will be $= 25*0.60 = 15^{**}$

Semester II marks for May 2020 to be calculated in following manner:

Courses	Internal assessment score in current sem (out of 10)	End semester exam marks to be calculated (out of 60) Internal 15* (Based on current semester Internal , 30% of Total marks) + ESE 25** (Based on previous semester performance, 50% of Total marks)	Out of 50
Course 1	08	12+15=27	08+27=35

*convert current internal marks out of 10 to out of 15, fractional marks to be converted into full next integer.

9. After completion evaluation of performance of the students, institutes should prepare all the results as per the university guidelines/norms and communicate the same to the University for further processing.
10. If student is having the term-grant for semester I or III or V, but could not appear for theory/ practical or oral exams from these semesters due to some reasons, be granted admission to the next academic year, but then student should appear for both semester examination in the next attempt.
11. As directed in GR issued by Govt. of Maharashtra, all the FE/SE/TE undergraduate students and First Year ME students having ATKT in previous semesters, will be promoted (Carry Forward) in next semester only for the current academic year 2019-2020.
12. Any of the second year students having backlog in first year or any of the third year students having backlog in second year, should be promoted (carry forward) to the next semester. Examinations for such subjects be scheduled by UoM within four months from the beginning of the next academic year.
13. If the revaluation result of any student/students is pending, then the results of revaluation for such students should be declared first followed by the result of current semester.

Internship

The students are to be allowed to take up 'online internships/ activities' including the activities that can be carried out digitally or otherwise from home. Students can also engage themselves to work as interns on ongoing projects. Delay in the start date for internship as well as reduction in the period of internship should be allowed.



**Director
Board of Examinations and Evaluation**

Copy for information and necessary action to -

The Principals, of the affiliated / conducted / autonomous Colleges / Institutions in Technology, Dean and Associate Deans, Faculty of Science and Technology, Directors / Co-ordinators of University Sub Campus Kalyan

Copy for information to –

The Heads/Directors of the various Departments of the University, Deans and Associate Deans in the Faculty of Humanities, Commerce and Management, Interdisciplinary; Principals / Directors of the affiliated / conducted / autonomous Colleges / Institutions in Arts, Science, Commerce, Pharmacy, Architecture, Education, Law and Management, Directors / Co-ordinators of University Sub Campus Ratnagiri, Thane and all concerned.

Copy for information and necessary action to :-

(1) Director, CCF (2) System Manager, CCF (3) Sr. System Programmers, CCF (4) Deputy Registrars (5) All Assistant Registrars

Copy for information to :-

(1) P.A. to Hon'ble Vice-Chancellor (2) P.A. to Hon'ble Pro Vice-Chancellor (3) P.A. to Registrar (3) P.A. to Director, Board of Examinations and Evaluation (4) P.A. to Finance and Accounts Officer