BharatiyaVidyaBhavan's
SARDAR PATEL COLLEGE OF ENGINEERING
(Government Aided Autonomous Institute)
Andheri (W) Mumbai – 400058

Date:1st JULY, 2020

Guidelines for Term II Examinations/Evaluation in AY 2019-2020 in the context of Covid 19

References
- University circular spvmp/2020-21/4 dated 22 May 2020
- University guidelines for conducting the Engineering summer examination 2020 Letter No.DBOEE/ICD/2020-21/ 05 dated 26th May 2020

In the context of COVID-19 pandemic, University of Mumbai has suggested to complete pending term work, oral, internal assessment examinations of engineering students and process the results. SPCE will follow University Guidelines to maximum extent to conduct the assessment work smoothly and wish to offer changes wherever necessary to suit our Academic scheme. These Examination Guidelines are applicable exclusively for Even Semester of 2019-20 only.

Consideration:
SPCE is an Autonomous Institution affiliated to University of Mumbai and it has its own Curriculum Scheme of examination consisting T1+ T2+ End examination + term Work / Practical (20 points for T1 +20 points for T2+ 60 percentage weightage to End Semester exam +25 or 50 points for term work / practicals) pattern for the courses.

BTech. 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 (13thMarch 2020) and adding the number of days from 13thMarch 2020 till the end of the semester due to lockdown (consider full attendance during lockdown as per guidelines) , the students be given the term-grant for the academic year 2019-2020.

2.Calculation of the Term-Work marks will be based on the regular termwork submissions with necessary assignments /lab write-ups duly completed as mentioned in the syllabus completed till the 13thMarch 2020.

Calculation of the Lab-Work points will be based on the regular lab work submission completed with necessary lab write ups / assignments, duly completed as mentioned in the syllabus till the 13th March 2020.

3. SPCE has already conducted T1 test. Online T1 makeup test will be conducted (by teacher in consultation with respective HOD) for those students who were absent for

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test T1 in any Course/s of the 8th semester and marks obtained in makeup test conducted will be accounted for the same. Online T1 makeup test to be conducted on suitable online platform by preferably giving a MCQ test. For online T1 make up test, the syllabus will be as that of T1examination.

5. SPCE has also completed the syllabus necessary for T2 examination till 13[th]March 2020.

SPCE will follow the latest Examination guidelines for Sem 8 given by University of Mumbai , Ministry of HTE,MS (Higher and Technical Education, Maharashtra State) regarding conduction of T2 exam and End semester examinations of semester 8 students.

6. After completion of all the examinations, institutes will prepare the results for these examinations as per the University guidelines for examinations in context of pandemic and SPCE Academic Scheme.

Undergraduate First year / Second Year/ Third Year BTech programme and First year of MTech. Examination Term-grant, T/W Submission, Internal Assessment and Oral /Practical/Mini Project Examinations:

1. All students, including year drops, will be promoted to next semester irrespective of number of backlogs of previous semesters and performance in this semester. However they have to appear for the examination of backlog courses to be conducted in 120 days from the start of next academic year. (*University guidelines for conducting the Engineering summer examination 2020 Letter No.DBOEE/ICD/2020-21/ 05 dated 26th May 2020 page 4 point 11,12*)

2.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 (13[th]March 2020) and adding the number of days from 13[th]March 2020 till the end of the semester due to lockdown, the students be given the term-grant for this academic year.

3.Calculation of the Term-Work points shall be based on the regular term work submissions completed with necessary assignments / write-ups duly completed as mentioned in the syllabus till the 13[th]March 2020.

Calculation of the Lab-Work points shall be based on the regular lab work submission completed with necessary lab write ups / assignments, duly completed as mentioned in the syllabus till the 13th March 2020.

4. SPCE has conducted the T1 test, SPCE has completed syllabus up toT2 based on classroom teaching however could not conduct T2 due to lockdown. Hence only T1 points to be considered to find grade in semester evaluation of the courses.

5.Online T1 makeup test shall be conducted (by teacher in consultation with respective HOD) for those students who were absent for test T1 in any Course/s of the semester II, IV, VI and points obtained in makeup test conducted are to be accounted for the same. Online T1 makeup test to be conducted on suitable online platform by preferably giving a MCQ test.

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For online T1 make up test, the syllabus will be as that of T1 exam.

6. For those students (BTech students securing less than 40 percentage, MTech students securing less than 50 percentage in the T1 of any courses of the current semester), teacher can conduct online makeup test, if student/ students are willing to appear for such test to improve their performance in T1. The students can opt as per their willingness for such internal makeup test.

If student appears for the makeup test, then the average points based on points obtained in the two test (T1 conducted during regular term and Makeup test) or the points obtained during regular term whichever is higher should be considered for further calculations needed for performance evaluation.

For online T1 make up test, the syllabus will be as that of the T1 examination.
The online T1 make up test for students who were absent for T1 and the students as above said (BTech students securing less than 40 percentage, MTech students securing less than 50 percentage in the T1 of any courses of the current semester, who are willing to improve their performance in T1) may be conducted together.

7. (a) For the laboratory course connected to theory courses in that semester, the 20 % points based on the Oral/ Practical/ Mini project points be evaluated by extrapolating / converting the average of Lab-work points for that lab course and T1 points of the relevant subject. These 20 % points shall be extrapolated to 50% points of lab course. And remaining 50% points based on points obtained in previous semester.

Explanation:
For a lab course of 50 points the evaluation will be as follows:
50% of 50 points that is 25 points' evaluation will be based on previous semester performance points)
Remaining 50% of 50 points (25 points' evaluation will be based on extrapolation of points X out of 10 points received from faculty. Faculty will evaluate students' performance out of 10 points based on Lab work Oral/ Practical/ Mini project up to 13th March 2020 and T1 performance of relevant theory course.

(b) For the laboratory course not connected to any of the theory courses in that semester, the Oral/ Practical/ Mini project points be evaluated for 20% of lab course points. These 20 % points shall be extrapolated to 50% points of lab course. Remaining 50% points of course will be based on points obtained in previous semester

8A To calculate the points for each of the course, 50% points based on Test-1 evaluation of the student for that course shall be considered together with the 50% points calculated based on the points obtained in previous semester performance evaluation. (As explained in examples in annexure-I)

8B. For a Course of 100 points, 20 points from Test-1/ makeup test are extrapolated to 50 points. The remaining 50 points of each of the course will be based on points obtained in previous semester

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
- For the students who passed in T1, the remaining 50 points out of 100 to be evaluated based on T1 points of the subject in the current semester.
- Those students who were absent for T1 and appeared for makeup test (as mentioned in point 5), the points obtained in makeup test to be considered to calculate the remaining 50 points out of 100.
- For those students who failed in T1 and appeared for makeup test (as mentioned in point 6), the higher points obtained in the two test (T1 conducted during regular term and makeup test) to be considered to calculate the remaining 50 marks out of 100.

8C. After calculation of points for course as explained above, grade will be awarded by faculty using SPCE's regular grading policy.

9. All students of semester II, IV, and VI will get an opportunity (only one) to improve the grades for the registered courses by appearing the Grade improvement examination of 100 points in 120 days from the start of next academic year. Interested students need to register for this Grade improvement examination. Only one grade improvement examination will be conducted by the institute. The gradation for this examination will be independent of the in-semester evaluation.
The student will receive the grade, whichever is higher out of Grade improvement examination and Grade based on Exam guidelines in the context of lockdown.

10. To calculate the 50 % of previous semester results all the points obtained in all courses (theory + labwork+ termwork+ practical exam) should be considered irrespective of any failure in any course/s.*(Reference University Examination Guidelines dated 22nd May2020, Page 1 point 2)*

11. If a student has the Backlog of odd semester (sem I, III, V) and the student passes as per above said Examination Guidelines in current even semester, results for such student should be declared for even semester and this even semester result should not be amended after declaration of results of odd semester examination to be conducted after 120 days of start of Term I of AY2020-2021*(Reference University Examination Guidelines dated 22nd May2020, Page 8 point 9)*

12. **The students who fail in the even semester results based on above examination guidelines will have to appear Examination to be conducted after 120 days of start of Term I of AY2020-2021** *(Reference University Examination Guidelines dated 22nd May2020, Page 8 point 11)*

13. All the students who registered for Mandatory (Non –Credit Courses) will be awarded Pass grade.

ANEXTURE-I
Sample Cases of Points evaluation of
BTech Sem II, IV, VI and M.Tech Sem II in AY 2019-20

Case 1: Course Points: Theory = 100, Term Work: 00, Total Points = 100
Test-1: 20 points

Previous semester overall percentage (Nov-2019/Jan 2020 Re-examination)=83%

Hence, average points out of 50=50*0.83 = 41.5=42**

Points calculation of course of 100 points for May 2020: As per table 1

Table 1

C1	C2	C3	C4	C5
Course	Test-1 Points in current semester (out of 20) (as per point 8a)	Test 1 points extrapolation to out of 50 points (50*Test 1 points)/20 (as per point 8a)	Previous Semester average points out of 50 (as per point 8b)	Out Of 100 Addition of column 3 and 4
Course code	15	38**	42**	38+42=80

**rounding up to upper integer

Case II: Course Points: Theory = 100, Term Work: 25, Total Points = 125

Test-1: 20 points

Previous semester overall percentage (Nov-2019/Jan 2020 Re-examination)=83%

Hence, average points out of 50=50*0.83 = 41.5=42**

Points calculation of course of 100 points for May 2020: As per table 2

Table 2

C1	C2	C3	C4	C5	C6
Course	Test-1 points in current semester (out of 20) (as per point 8a)	Test-1 points extrapolation to out of 50 points (50*Test1 points) /20 (as per point 8a)	Term work points (out of 25) (Term work completed up to 13th march 2020 to be considered) (as per point 3)	Previous Semester average points out of 50 (as per point 8b)	Out of 125 Addition of column 3,4 and 5
Course code	15	38**	20	42**	38+20+42=100

**rounding up to upper integer

Case III: Course Points: Theory = 00, Term Work: 00, Lab :50points Total Points = 50

(Lab course not related to theory course), Test-1: Not applicable

Previous semester overall percentage score (Nov-2019/Jan 2020 Re-examination)=83%

Hence, average points out of 25= 25*0.83 = 20.75=21**

Points calculation of lab course of 50 points for May 2020: As per table 3

Table 3

C1	C2	C3	C4	C5
Courses	Internal assessment points out of 10 (as per Point 7b)	Internal assessment points by extrapolation out of 25 points (25*Internal assessment points) /10 (as per Point 7b)	Previous Semester average points out of 25 points (as per Point 7b)	Out of 50 Addition of column 3 and 4
Course code	7	18**	21**	18+21=39

**rounding up to upper integer

Case IV: Course Points: Theory = 00, Term Work: 00,Lab :50pointsTotal Points = 50

Lab course related to theory course), Test-1: 20 (concerned theory course)

Previous semester SPI (Nov-2019/Jan 2020 Re-examination) overall percentage =83%

Hence, average points out of 25= 25*0.83 = 20.75=21**

Points calculation of lab course of 50 points for May 2020: As per table 4

Table 4

C1	C2	C3	C4	C5
Courses	Performance out of 10 points based on labwork Oral/ Practical/ Mini project upto 13th march 2020 and T1 performance of relevant theory course. (as per point 7a)	Performance out of 10 points extrapolated to out of 25 points (25* Internal assessment points or Test1 points) /10 (as per point 7a)	Previous Semester average points out of 25 points	Out of 50 Addition of column 3 and 4
Course code	7	18**	21**	18+21=39

**rounding up to upper integer

Case V: Course Points: Theory = 00, Term Work: 00,Lab :25points Total Points = 25

Lab course related to theory course), Test-1: 20 (concerned theory course points)

Previous semester SPI (Nov-2019/Jan 2020 Re-examination) overall percentage =83%

Hence, average points out of 12.5=12.5*0.83 = 10.375=11**

Points calculation of lab course of 25 points for May 2020: As per table 5

Table 5

Courses	Performance out of 5 points based on labwork Oral/ Practical/ Mini project upto 13th march 2020 and T1 performance of relevant theory course. (as per point 7a)	Internal assessment out of 5 or Test1 points rescaled to out of 12.5 points (12.5* Internal assessment points) /5 (as per point 7a)	Previous Semester average points out of 12.5 points (as per point 7a)	Out Of 25 Addition of column 3 and 4
Course code	3	8**	11**	8+11=19

**rounding up to upper integer