COEP Technological University, Pune

Date: 13th September 2023

Evaluation scheme for courses included in curriculum offered from A. Y. 2023-24

Preamble:

The UG and PG program structures have been revised by accommodating most of the NEP 2020 guidelines with multiple types of courses and a mandatory multidisciplinary minor. One of the notable changes as compared to earlier curriculum structures is that many courses are having combined theory, lab and tutorial heads. The credits to such courses assigned based on its nature i. e. theory oriented with minor share of the lab and skill or vice versa. A couple of examples are cited below from the F. Y. curriculum structure of programs of School of Electrical and Communication Engg.

Semester -I

Sr. No.	Course Code	Course Title	L	T	P	S	Cr	Category
01	ES-01	Elements of Electronics Engineering	2	0	2	1	3	ESC

Semester -II

Sr. No.	Course Code	Course Title	L	T	P	S	Cr	Category
01	ES-05	Engineering Drawing and Graphics	1	0	4	1	3	ESC

Here, the course shown in first semester has 03 credits with 02 credits of theory and 01 credit of lab whereas the course in second semester has 03 credits with 01 credit of theory and 02 credits of lab. These two courses have combined heads of theory and laboratory.

The following evaluation scheme is proposed for such courses having combined heads of theory, lab and tutorials. The evaluation scheme for courses with only one head is subset of the following proposed scheme.

Proposed evaluation scheme:

- The courses in the curriculum offered from A. Y. 2023-24 that have combined heads Theory, Lab and Tutorial are to be evaluated as a whole with weightage proportional to credits to the heads specified.
- Theory head shall be evaluated by conducting in-sem exams viz. Test 1 and 2 of 20 marks each and end-sem exam of 60 marks.
- Laboratory head shall be evaluated throughout the semester leading to mid-sem exam of 50 marks and end-sem exam of 50 marks.
- The total theory marks (out of 100) and laboratory marks (out of 100) are to be combined to generate grand total (out of 100) by weighted addition with weights W_T and W_P.
- The weights W_T and W_P are proportional to credits assigned to theory and laboratory heads respectively.
- For example,
  - For the first course in semester 1, W_T = Credits for theory / Course credits = 2 / 3 and W_P = Credits for laboratory / Course credits = 1 / 3
  - For the second course in semester 2, W_T = Credits for theory / Course credits = 1 / 3 and W_P = Credits for laboratory / Course credits = 2 / 3.
- Student need to secure at least 40 marks in theory head and at least 40 marks in laboratory head for passing and earning credits of the course. Only then, grand total in column H will be computed automatically. Failing to which student need to repeat the theory and laboratory components of the course either in Re-exam or next year.
- Course instructors need to enter marks only in columns A, B, C and E and F in MIS portal as shown in the following table. The theory, laboratory and grand totals will be computed automatically and are available to the instructor for relative grading.
- Columns A, B, C are to be exclusively utilized for 'Theory marks'. The columns E and F could be used for either 'Lab marks' or 'Tut marks' or if both 'Tut and Lab' heads are present, the course instructor will combine the marks of Tut and Lab to enter in Lab MSE (column E) and ESE (column F).

Course Name: _____

MIS NO	Theory				Laboratory			Grand TOTAL 100 marks	Grade
	T1 20 marks	T2 20 marks	ESE 60 marks	TOTAL 100 marks	MSE 50 marks	ESE 50 marks	TOTAL 100 marks		
	A	B	C	D = A+B+C	E	F	G = E +F	H = W_T * D + W_P * G	Based on H

To summarize,

- **Faculty will enter marks in T1, T2, ESE of Theory and MSE and ESE of laboratory heads of the course in MIS portal.**
- **Rest of the column values will be automatically calculated by MIS portal.**
- **Passing criteria: (Theory Total >= 40) AND (Laboratory total >= 40)**
- **Grand Total is automatically calculated only when the passing criteria is met and based on the credit weightage for Theory and Laboratory heads**
- **Relative Grading will be based on the Grand Total.**

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