

## Office of the Controller of Examinations

### Guidelines for the award of Grades using Relative Grading Methodology

- The 27th Academic Council of Anna University had decided to implement Relative Grading for all the UG/PG students admitted from Academic Year 2021 – 2022 onwards of University Departments, Non-Autonomous Colleges and Autonomous Colleges affiliated to Anna University.
- Further, it was decided to uniformly adopt the weightage of marks for the Internal and End semester examinations, the passing requirements, 7 point letter grades instead of 6 point grades and the classification of degree.
- The relative grading method has been evolved based on normalising the results data using Box-Cox transformation.
- A few excerpts from Regulation 2019 of B.E/B.Tech/M.E/M.B.A. Programmes is given below. The same shall be adopted for all the UG/PG students following from academic year 2021-2022 onwards.

### Procedure for awarding Marks for Internal and External Assessment

For all the theory courses, practical courses, theory courses with practical component and project work the internal and external assessment marks shall be awarded as per the procedure given below:

#### For Theory Courses (Both UG/PG)

**Internal - 40, End Semester – 60**

**Passing Conditions: 45% in End Semester & 50% in Total marks**

| Internal Theory   | End Semester Theory               |
|---|-----------------------------------|
| 1. Written Test : CIA I + CIA II (Each Conducted for 100)<br>– Converted to 120 | Total - 100<br>(Min 45% for Pass) |
| 2. Skill Assessment: SA1+SA2 (Each Conducted for 100)<br>– Converted to 80      | ⇒ <b>Will be Converted to 60</b>  |
| Total – 200 ... ⇒ <b>Will be Converted to 40</b>                                |                                   |

#### For Practical Courses (Both UG/PG)

**Internal - 60, End Semester – 40**

**Passing Conditions: 45% in End Semester & 50% in Total marks**

| Internal Practical                              | End Semester Practical               |
|---|--------------------------------------|
| IAPR – 75%<br>Model Lab – 25%                   | Total - 100<br>(Min 45% for Pass)    |
| Total – 100... ⇒ <b>Will be Converted to 60</b> | ... ⇒ <b>Will be Converted to 40</b> |

## **For Theory Cum Practical Courses (Both UG/PG)**

**Internal - 50, End Sem - 50**

**Passing Conditions:**

- (i) **45% in both End Semester Theory and in End Semester Practical**
- (ii) **50% in Theory (Internal Theory + End Semester Theory)**
- (iii) **50% in Practical (Internal Practical + End Semester Practical)**

**Even if one of these do not satisfy, the Result will be FAIL**

| <b>Weightage of each component</b> |                                      |   |                                       |                                   |                                   |
|------------------------------------|--------------------------------------|---|---------------------------------------|-----------------------------------|-----------------------------------|
| <b>TCP</b>                         |                                      | <b>Internal Theory</b>  | <b>Internal Practical</b>             | <b>End Semester Theory</b>        | <b>End Semester Practical</b>     |
| Credit Split up                    |                                      | 1. CIA I + II (Available for 200)<br>⇒ Converted to 120<br>2. (SA1+SA2) (Available for 200)<br>⇒ Converted to 80<br>(Total – 200) | IAPR – 75%<br>ML – 25%<br>Total - 100 | Total - 100<br>(Min 45% for Pass) | Total - 100<br>(Min 45% for Pass) |
| T -1 , P -2                        | Available Marks will be Converted to | 25%   | 25 %                                  | 0 %                               | 50 %                              |
| T -1 , P -1                        |                                      | 25%   | 25 %                                  | 0 %                               | 50 %                              |
| T -2 , P -1                        |                                      | 25%   | 25 %                                  | 25 %                              | 25 %                              |
| T -3 , P -1                        |                                      | 25%   | 25 %                                  | 35%                               | 15 %                              |
| T -2 , P -2                        |                                      | 25%   | 25 %                                  | 15%                               | 35 %                              |
| T -4 , P -1                        |                                      | 25%   | 25 %                                  | 35%                               | 15 %                              |
| T -3 , P -2                        |                                      | 25%   | 25 %                                  | 20%                               | 30 %                              |

## **For Project Work Courses**

**Internal - 40, End Semester – 60**

**Passing Conditions: 45% in End Semester & 50% in Total marks**

| <b>UG Project Marks Spit Up</b>       |                  |                   |  |          |                  |          |            |
|---------------------------------------|------------------|-------------------|--|----------|------------------|----------|------------|
| <b>Internal Assessment (40 Marks)</b> |                  |                   | <b>End Semester Examination (60 Marks)</b> |          |                  |          |            |
| <b>Review I</b>                       | <b>Review II</b> | <b>Review III</b> | <b>Project Report</b>                      |          | <b>Viva Voce</b> |          |            |
|                                       |                  |                   | Internal                                   | External | Internal         | External | Supervisor |
| 10                                    | 15               | 15                | 10   | 10       | 10               | 20       | 10         |

| <b>M.E. Project Marks Spit Up</b>     |                  |                   |  |                   |                   |                     |
|---------------------------------------|------------------|-------------------|--|-------------------|-------------------|---------------------|
| <b>Internal Assessment (40 Marks)</b> |                  |                   | <b>End Semester Examination (60 Marks)</b> |                   |                   |                     |
| <b>Review I</b>                       | <b>Review II</b> | <b>Review III</b> | <b>Thesis Submission</b>                   | <b>Viva Voce</b>  |                   |                     |
|                                       |                  |                   | External Examiner                          | Internal Examiner | External Examiner | Supervisor Examiner |
| 10                                    | 15               | 15                | 25   | 10                | 15                | 10                  |

| MBA Project Marks Spit Up      |           |            |                                      |                                 |                   |                     |
|--------------------------------|-----------|------------|--------------------------------------|---------------------------------|-------------------|---------------------|
| Internal Assessment (40 Marks) |           |            | End Semester Examination (60 Marks)  |                                 |                   |                     |
| Review I                       | Review II | Review III | Project Report Submission (15 Marks) | Viva Voce (Rounded to 45 Marks) |                   |                     |
|                                |           |            | External Examiner                    | Internal Examiner               | External Examiner | Supervisor Examiner |
| 10                             | 15        | 15         | 15                                   | 15                              | 15                | 15                  |

### **For Internal Only Courses**

**Passing Conditions: 50% in Final Total marks** (Conducted for 100)

### **For Value Added Courses**

**Internal – 40% + External – 60 %** (From External certificate);

**Total Marks = 100 (Min 40% for Pass).**

## Relative Grading Process through Anna University Software (For Both UG/PG)

- For the students admitted from the academic year 2021 -22 onwards, the award of letter grades will be decided using relative grading principle. The relative grading is applicable to ONLY those students who have passed the examination as per the passing requirements enumerated above. For those students who have not passed the examination, Reappearance (U) shall be awarded as shown in the below Table.
- The marks of those students who have passed only shall be inputted in the software developed for relative grading. The evolved relative grading method normalizes the results data using the BOX-COX transformation method and computes the grade range for each course separately and awards the grade to each student. For a given course, if the students' strength is greater than 30, the relative grading method shall be adopted.
- However, **for the Project Work/Internship, Practical Courses and for Courses with students' strength less than or equal to 30, fixed grading shall be followed** with the grade range as specified below.

| O        | A+      | A       | B+      | B      | C       | U    |
|----------|---------|---------|---------|--------|---------|------|
| 91 - 100 | 81 - 90 | 71 - 80 | 61 - 70 | 56- 60 | 50 - 55 | < 50 |

The performance of a student shall be reported using letter grades, each carrying certain points as detailed below:

| From 2021-2022 onwards      |              |
|-----------------------------|--------------|
| Letter Grade                | Grade Points |
| O (Outstanding)             | 10           |
| A+ (Excellent)              | 9            |
| A (Very Good)               | 8            |
| B+ (Good)                   | 7            |
| B (Average)                 | 6            |
| C (Satisfactory)            | 5            |
| U (Re-Appearence)           | 0            |
| SA (Shortage of Attendance) | 0            |
| WD (Withdrawal)             | 0            |

This decision is taken with the approval of the competent authority.

**CONTROLLER OF EXAMINATIONS**