



# THUNCHAN MEMORIAL GOVT. COLLEGE, TIRUR

(NAAC Reaccredited with B++, Affiliated to University of Calicut)

Vakkad PO, Malappuram Dt, Kerala – Pin Code: 676 502

Phone : 0494 2630027, E-mail:tmgctirur@gmail.com, www.tmgctirur.ac.in

## EVALUATION AND GRADING

### UNDER GRADUATE PROGRAMMES

As per CBCSS UG Regulations 2019 of Calicut University, the Mark system is followed instead of direct grading for each question. For each course in the semester letter grades and grade points are introduced in a 10-point indirect grading system.

#### Course Evaluation

The evaluation scheme for each course shall contain two parts

- (1) Internal assessment
- (2) External Evaluation

20% weight shall be given to the internal assessment. The remaining 80% weight shall be for the external evaluation.

#### Internal Assessment

20% of the total marks in each course are for internal examinations. The marks secured for internal assessment only need to be sent to the university by the colleges concerned. The internal assessment shall be based on a predetermined transparent system involving written tests, Classroom participation based on attendance in respect of theory courses, and lab involvement/records attendance in respect of Practical Courses. Internal assessment of the project will be based on its content, method of presentation, final conclusion, and orientation to research aptitude. Components with the percentage of marks of Internal Evaluation of Theory Courses are:

Component	Percentage
Test Paper	40%
Assignment	20%
Seminar	20%
Classroom participation based on attendance	20%

For practical courses - Record 60% and lab involvement 40% as far as internal is concerned. (If a fraction appears in internal marks, the nearest whole number is to be taken) For the test paper marks, at least one test paper should be conducted. If more test papers are conducted, the mark of the best one should be taken.

The Split up of marks for the Test paper and Class Room Participation (CRP) for internal evaluation are as follows.



### Split up of marks for Test Paper

Range of Marks in test paper	Out of 8 (Maximum internal marks are 20)	Out of 6 (Maximum internal marks are 15)
Less than 35%	1	1
35%-45%	2	2
45%-55%	3	3
55%-65%	4	4
65%-85%	6	5
85%-100%	8	6

### Split up of marks for Class Room Participation

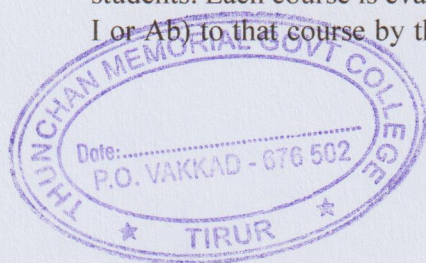
Range of CRP	Out of 4 (Maximum internal marks are 20)	Out of 3 (Maximum internal marks are 15)
$50\% \leq CRP < 75\%$	1	1
$75\% \leq CRP < 85\%$	2	2
85% and above	4	3

### External Evaluation

External evaluation carries 80% of marks. All question papers shall be set by the University. The external question papers may be of uniform pattern with 80/60 marks. The courses with 2/3 credits will have an external examination of 2 hours duration with 60 marks and courses with 4/5 credits will have an external examination of 2.5 hours duration with 80 marks. The external examination in theory courses is to be conducted by the University with question papers set by external experts. The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation and answer keys shall be provided by the University. The external examination in practical courses shall be conducted by two examiners – one internal and an external, the latter appointed by the University. The project evaluation with viva can be conducted either internal or external which may be decided by the Board of Studies concerned.

### Indirect Grading System

An indirect grading System based on a 10-point scale is used to evaluate the performance of students. Each course is evaluated by assigning marks with a letter grade (O, A+, A, B+, B, C, P, F, I or Ab) to that course by the method of indirect grading. An aggregate of P grade (after external



and internal put together) is required in each course for a pass and also for awarding a degree (A minimum of 20% marks in external evaluation is needed for a pass in a course. But no separate pass minimum is needed for internal evaluation). A student who fails to secure a minimum grade for a pass in a course is permitted to write the examination along with the next batch. After the successful completion of a semester, the Semester Grade Point Average (SGPA) of a student in that semester is calculated using the formula given below. For the successful completion of a semester, a student should pass all courses. However, a student is permitted to move to the next semester irrespective of SGPA obtained. SGPA of the student in that semester is calculated using the formula

$$SGPA = \frac{\text{Sum of the credit points of all courses in a semester}}{\text{Total credits in that semester}}$$

The Cumulative Grade Point Average (CGPA) of the student is calculated at the end of a programme. The CGPA of a student determines the overall academic level of the student in a programme and is the criterion for ranking the students. CGPA can be calculated by the following formula

$$CGPA = \frac{\text{Total credit points obtained in six semesters}}{\text{Total credits acquired (120)}}$$

SGPA and CGPA shall be rounded off to three decimal places. CGPA determines the broad academic level of the student in a programme and is the index for ranking students (in terms of grade points). An overall letter grade (cumulative grade) for the entire programme shall be awarded to a student depending on her/his CGPA.

#### Evaluation of Audit courses

The examination shall be conducted by the college itself from the Question Bank prepared by the University. The Question paper shall be of 100 marks of 3-hour duration.

#### Method of Indirect Grading

Evaluation (both internal and external) is carried out using the Mark system. The Grade on the basis of total internal and external marks will be indicated for each course, for each semester and for the entire programme. Indirect Grading System in 10 -point scale is as below:

#### Ten Point Indirect Grading System

Percentage of Marks (Both Internal & External put together)	Grade	Interpretation	Grade Point Average (G)	Class
95 and above	O	Outstanding	10	First Class with Distinction
85 to below 95	A+	Excellent	9	
75 to below 85	A	Very Good	8	



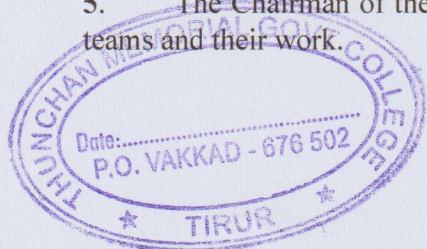
65 to below 75	B+	Good	7	First Class
55 to below 65	B	Satisfactory	6	
45 to below 55	C	Average	5	Second Class
35 to below 45	P	Pass	4	Third Class
Below 35	F	Failure	0	Fail
Incomplete	I	Incomplete	0	Fail
Absent	Ab	Absent	0	Fail

### Project Evaluation

1. Evaluation of the Project Report shall be done under Mark System.
2. The evaluation of the project will be done at two stages:
  - (a) Internal Assessment (supervising teachers will assess the project and award internal Marks)
  - (b) External evaluation (external examiner appointed by the University)
  - (c) Grade for the project will be awarded to candidates, combining the internal and external marks.
3. The internal to external components are to be taken in the ratio 1:4.  
Assessment of different components may be taken as below.

Internal (20% of total)		External (80% of total)
Components	Percentage of Marks	
Originality	20	Relevance of the Topic, Statement of Objectives
Methodology	20	Reference/Bibliography, Presentation, quality of Analysis/ Use of Statistical Tools.
Scheme/Organization of the Project	30	Findings and recommendations
Viva-voce	30	Viva-voce

4. External Examiners will be appointed by the University from the list of VI Semester Board of Examiners in consultation with the Chairperson of the Board.
5. The Chairman of the VI semester examination should form and coordinate the evaluation teams and their work.



6. Internal Assessment should be completed 2 weeks before the last working day of VI Semester.
7. Internal Assessment marks should be published in the Department.
8. In the case of Courses with the practical examination, project evaluation shall be done along with practical examinations.
9. The Chairman Board of Examinations, may at his discretion, on urgent requirements, make certain exceptions in the guidelines for the smooth conduct of the evaluation of the project.

### Pass Conditions

- Submission of the Project Report and presence of the student for viva are compulsory for internal evaluation. No marks shall be awarded to a candidate if she/ he fails to submit the Project Report for external evaluation.
- The student should get a minimum P Grade in aggregate of External and Internal.
- There shall be no improvement chance for the Marks obtained in the Project Report.

### POST GRADUATE PROGRAMMES

As per CBCSS UG Regulations 2019 of Calicut University, there shall be a University examination at the end of each semester. The evaluation scheme for each course shall contain two parts;

(a) Internal / Continuous Assessment (CA) and

(b) External / End Semester Evaluation (ESE).

Of the total, 20% weightage shall be given to Internal evaluation / Continuous assessment and the remaining 80% to External/ESE and the ratio and weightage between Internal and External is 1:4. Primary evaluation for Internal and External shall be based on 6 letter grades (A+, A, B, C, D and E) with numerical values (Grade Points) of 5, 4, 3, 2, 1 & 0 respectively.

**Grade Point Average:** Internal and External components are separately graded and the combined grade point with weightage 1 for Internal and 4 for external shall be applied to calculate the Grade Point Average (GPA) of each course. Letter grade shall be assigned to each course based on the categorization based on the Ten-point Scale provided in clause 20.2 of this regulation.

**Evaluation of Audit Courses:** The examination and evaluation shall be conducted by the college itself either in the normal structure or MCQ model from the Question Bank and other guidelines provided by the University/BoS. The Question paper shall be for a minimum of 20 weightage and a minimum of 2-hour duration for the examination. The result has to be intimated/uploaded to the University during the Third Semester as per the notification of the University.

#### Internal Evaluation / Continuous Assessment (CA)

This assessment shall be based on a predetermined transparent system involving periodic written tests, assignments, seminars, viva-voce and attendance in respect of theory courses and based on tests, lab skill and records/viva in respect of practical courses. The criteria and percentage of weightage assigned to various components for internal evaluation are as follows:



**(a) Theory**

Sl. No	Component	Percentage	Weightage
1	Examination /Test	40%	2
2	Seminars / Presentation/ Viva-voce	20%	1
3	Assignment	20%	1
4	Attendance	20%	1

**(b) Practical**

Sl. No	Component	Percentage	Weightage
1	Lab Skill	40%	4
2	Records/Viva-voce	30%	3
3	Practical Test	30%	3

Grades shall be given for the internal evaluation are based on the grades A+, A, B, C, D&E with grade points 5,4,3,2, 1 &0 respectively. The overall grades shall be as per the Ten Point scale. There shall be no separate minimum Grade Point for internal evaluation.

Each student shall be required to do assignment/s for each course. Assignments after valuation must be returned to the students. The teacher shall define the expected quality of the above in terms of structure, content, presentation etc. and inform the same to the students. Punctuality in submission is to be considered.

Every student shall deliver a Seminar / Presentation as an internal component for every course and must be evaluated by the respective course teacher in terms of structure, content, presentation and interaction. The soft and hard copies of the seminar report are to be submitted to the course teacher.

**External / End Semester Evaluation (ESE)**

The semester-end examinations in theory courses shall be conducted by the University with question papers set by external experts. The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation. After the external evaluation, only Grades are to be entered in the space provided in the answer script for individual questions and calculations need to be done only up to the Cumulative Grade Point (CGP) and all other calculations including grades are to be done by the University. End Semester Evaluation in Practical Courses shall be conducted and evaluated by both Internal and External Examiners as per the stipulations of the concerned BoS. Duration and other aspects of practical external examinations shall be decided by the Boards of Studies concerned.

**Evaluation of Project Work / Dissertation**

There shall be External and Internal evaluation with the same criteria for Project Work done and the grading system shall be followed as per the specific guidelines and stipulations of the concerned BoS. One component among the Project Work evaluation criteria shall be Viva-voce (Project Work-related) and the respective weightage shall be 40%. Consolidated Grade for Project Work is calculated by combining both the External and Internal in the Ratio of 4:1 (80% & 20%). The External and Internal evaluation of the Project Work shall be done based on the following criteria and weightages as detailed below:



Sl. No	Criteria	% of weightage	Weightage External	Weightage Internal	Remarks
1	Relevance of the topic and Statement of problem	60%	8	2	Concerned Boards of Studies may conveniently divide this criterion into various relevant categories and can assign suitable titles provided that the total weightage should be 24 and 6 for External and Internal.
2	Methodology & Analysis		8	2	
3	Quality of Report & Presentation		8	2	
4	Viva-voce	40%	16	4	<b>Mandatory criteria</b>
<b>Total Weightage</b>		<b>100%</b>	<b>40</b>	<b>10</b>	

### Conduct of Comprehensive Viva-Voce

There shall be External and Internal Comprehensive Viva-voce; while the External Conduct of the Viva-voce is mandatory and the Internal conduct of the viva-voce will be optional subject to the decision and stipulation of the concerned BoS. The concerned Boards of Studies shall design the structure, criteria, details of appointment of Board of examiners (both external and internal) and other relevant aspects of its evaluation. For a pass in Comprehensive viva-voce, a student has to secure a minimum of D Grade in External and Internal examination combined. If the students could not secure a minimum D Grade in the Project work, they will be treated as failed in that attempt and the student may re-appear for the same next time in accordance with the University exam stipulations. There shall be no improvement chance for Comprehensive viva-voce.

### Direct Grading System

Direct Grading System based on a 10 – Point scale is used to evaluate the performance (External and Internal Examination of students). For all courses (Theory & Practical)/Semester/Overall Programme, Letter grades and GPA/SGPA/CGPA are given on the following way:

(a) First Stage Evaluation for both Internal and External done by the Teachers concerned in the following Scale:



Grade	Grade Points
A+	5
A	4
B	3
C	2
D	1
E	0

(b) Grade range for internal examination is as follows:

Average grade point (2 tests)	Grade for Tests	Grade Point for Tests
4.5 to 5	A+	5
3.75 to 4.49	A	4
3 to 3.74	B	3
2 to 2.99	C	2
Below 2	D	1
Absent	E	0

(c) The Grade Range for both Internal & External shall be:

Letter Grade	Grade Range	Range of Percentage (%)	Merit/Indicator
O	4.25 – 5.00	85.00 – 100.00	Outstanding
A+	3.75 – 4.24	75.00 – 84.99	Excellent
A	3.25 – 3.74	65.00 – 74.99	Very Good
B+	2.75 – 3.24	55.00 – 64.99	Good
B	2.50 – 2.74	50.00 – 54.99	Above average
C	2.25 – 2.49	45.00 – 49.99	Average





P	2.00 - 2.24	40.00 – 44.99	Pass
F	<2.00	Below 40	Fail
I	0	---	Incomplete
Ab	0	---	Absent

No separate minimum is required for Internal evaluation for a pass, but a minimum P Grade is required for a pass in the external evaluation. However, a minimum P grade is required for a pass in a course. A student who fails to secure a minimum grade for a pass in a course will be permitted to write the examination along with the next batch.

### Improvement of Course

The candidates who wish to improve the grade/grade point of the external examination of a course/s they have passed already can do the same by appearing in the external examination of the concerned semester along with the immediate junior batch.

### Betterment Programme One time

A candidate will be permitted to improve the CGPA of the Programme within a continuous period of four semesters immediately following the completion of the programme allowing only once for a particular semester. The CGPA for the betterment appearance will be computed based on the SGPA secured in the original or betterment appearance of each semester whichever is higher.

### Semester Grade Point Average (SGPA) – Calculation

The SGPA is the ratio of the sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses taken by a student. After the successful completion of a semester, the Semester Grade Point Average (SGPA) of a student in that semester is calculated using the formula given below.

**Semester Grade Point Average - SGPA (S<sub>j</sub>) =  $\Sigma(C_i \times G_i) / Cr$  (SGPA= Total Credit Points awarded in a semester / Total credits of the semester)**, where 'S<sub>j</sub>' is the j<sup>th</sup> semester, 'G<sub>i</sub>' is the grade point scored by the student in the i<sup>th</sup> course 'C<sub>i</sub>' is the credit of the i<sup>th</sup> course, 'Cr' is the total credits of the semester.

### Cumulative Grade Point Average (CGPA) – Calculation

**Cumulative Grade Point Average (CGPA) =  $\Sigma(C_i \times S_i) / Cr$  (CGPA= Total Credit points awarded in all semesters/Total credits of the programme)**

where C<sub>i</sub> is the credit of the i<sup>th</sup> semester S<sub>i</sub> is the SGPA of the i<sup>th</sup> semester and Cr is the total number of credits in the programme. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme. The SGPA and CGPA shall be rounded off to 2 decimal points. For the successful completion of a semester, a student should pass all courses and score a minimum SGPA of 2.0. However, the students are permitted to move to the next semester irrespective of their SGPA.



*(Handwritten signature)*  
**Principal,  
T.M. GOVT COLLEGE  
TIRUR**