



ಪಿ.ಡಿ.ಎ. ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ

ಎಐಸಿಟಿ ನವದೆಹಲಿ ಇಂದ ಮಾನ್ಯತೆ ಪಡೆದ - ಫಿಟೆಯು ಬೆಳಗಾವಿ ಸಂಯೋಜಿತ ಸ್ವಾಯತ್ತ ಸಂಸ್ಥೆ

PDA COLLEGE OF ENGINEERING

Autonomous Institute Affiliated to VTU Belagavi - Approved by AICTE New Delhi

Important Regulations applicable for the following students: (Ref: Visvesvaraya Technological University (Measures for Maintenance of Standards at Affiliated Autonomous Institutions) Guidelines, 2024 (Guidelines Framed under Section 20(w) of VTU Act 1994)

1. Admitted to I semester / I year from the academic year 2024-25
2. Admitted to III semester / II year (lateral entry) from the academic year 2025-26

I. Semester Scheme

a) The College adopted the Semester Scheme at their UG, PG, PG Diploma and Certificate programmes.

b) The breakdown of an academic year for implementing the Semester Scheme is given below in Table 1.

Table – 1: A Typical Breakdown of Academic Year into Semesters	
1. Number of Semesters/ Year	<ul style="list-style-type: none">• Three per year; Two being Main Semesters: Odd, Even and one being a Summer Semester.• Normally Odd semester is from August to December, Even semester is from January to May and Summer semester is from June to July. <p>(Summer semester is Limited to UG only, as it is not feasible to conduct one more examination for PG Programmes which may have many specializations)</p>
2. Semester Durations	Odd Semester: 20 weeks, followed by 2 weeks' vacation. Even Semesters: 20 weeks. Summer semester: 10 weeks.
3. Academic Activities (in Weeks)	Semesters: Odd and Even Registration of Courses- 0.5; Course Work- 15.5. Examination Preparation-1.0; Examinations- 2.0. Declaration of Results- 1.0; Total: 20. Summer Semester:

	<p>Registration of Courses- 0.5; Course Work- 7.0. Examination Preparation-0.5; Examinations- 2.0. Total: 10. Declaration of Results- After the examinations, within the 2 week vacation period;</p> <p><i>(Note: In each Semester, there shall be various provisions for students like, Registration of Courses at the beginning, Dropping of Courses after the first CIE and Withdrawal from Courses towards the end, all being under the Faculty Member's (Course Instructor/ Faculty Advisor's) advice. The above provisions made available are to be judiciously used, which need proper monitoring by Faculty Advisors, leading to the improved learning capabilities of students and minimizing their chances of failure in the Courses registered.)</i></p>
4. Examinations	<p>Continuous Internal Evaluation (CIE) and Semester End Examination (SEE) both have equal weightages in the students' performance in Course Work/Laboratory Work and other activities.</p> <p>The following examinations are to be conducted in an academic year:</p> <ul style="list-style-type: none"> • In Odd Semester: CIEs during the semester and SEE at the end of the semester for the courses offered in the odd semester only. • In Even Semester: CIEs during the semester and SEE at the end of the semester for the courses offered in the even semester only. • In Summer Semester (For UG Programmes Only): CIEs during the semester for the courses offered in summer semester and SEE at the end of the semester for the courses offered in the summer semester and all other courses of previous semesters in which students have 'F' Grade/'AB' Grade. • Make-up Examinations: For students of UG and PG programmes with transitional grades viz., 'I' & 'X' grades in odd and even SEE shall be given make-up exams immediately after the announcement of SEE results of respective odd and even SEE. <p>There is no make-up examination following a Summer Semester.</p>

5. Other Items	Students with satisfactory CIE and attendance in a course/s is absent for SEE ('AB' grade) or appeared to SEE, but failed ('F' grade) in SEE, need not re-register for course/s but can register and appear for SEE directly, whenever next SEE is held for that course in Odd/Even/Summer Semester.
-----------------------	--

c. Summer Semester (For UG Programmes Only)

1) Purpose of Conducting Summer Semester

- i) To enable students to complete courses having 'DX'/'NP' grades or to complete dropped/withdrawn courses or to do additional courses or to do higher semester courses for extraordinary learners or to help slow learners to pace their studies/learning based on their individual abilities.
- ii) To enable students who wish to undertake a one-year research/industry internship (leading to a project/startup)/ placement training (leading to job assurance) at the final year level, to complete higher semester courses by registering in summer semester
- iii) To enable readmitted/ change of branch/ scheme/ college students to progress to higher semesters by offering backlog/ equivalent courses during summer semester.
- iv) To offer Internship/ apprenticeship/ work-based vocational education and training especially by students who wish to exit after 4 or 6 semesters of study.

2) Conduction of Summer Semester

- i) The summer semester, held annually after the EVEN semester, shall comprise of 8 weeks of classes followed by 2 weeks of examinations called SEE.
- ii) A limited number of courses are offered depending on the student's requirement and the faculty availability. Selected regular courses, including audit/ mandatory courses, are offered during the summer semester.
- iii) A student is permitted to register not more than 14 credits in UG programmes excluding audit/Mandatory Non-credit courses. However, there is no limit for a student to register for 'F'/'AB' grade courses for SEE.
- iv) Students are not permitted to register for project work and internship in summer semester, except for cases specified in Section 1. c) I) (iv) above.
- v) Since summer semester duration is about half of the main semesters, in order to relate the credits and the hours of course work, multiply the teaching hours per week by 2 such that the total number of hours per semester shall be same as that of Odd/Even semester.

Note:

For UG Programmes: Courses with 'DX' Grades/'NP' Grades in Odd/Even/previous Summer Semester shall be registered again in the following Summer Semester only.

For PG Programme: Courses with 'DX' Grades/'NP' Grades shall be registered again in subsequent Odd/Even Semester, when offered.

(Conditions for Re-registration of courses in UG & PG programmes are different. Conditions for UG are not applicable for PG, as PG is only a 2 year course).

Eligibility to Register for a Course in a Summer Semester

- i) Students who have 'DX'/'NP' grades i.e., either a shortage of attendance or not having the minimum CIE or both in a course. Such students shall register for the summer semester to satisfy the minimum attendance and CIE requirements to appear for the Summer Semester End Examination (SEE).
- ii) Students with 'F'/'AB' grade having requisite attendance and CIE in a course, but, wish to re-register to that course for better learning, can do so in the summer semester by letting go the previous CIE marks and acquiring the required attendance and CIE marks afresh, However, they are eligible to register directly for SEE of summer semester by carrying forward their previous CIE marks.
- iii) Students in the extraordinary category (with a CGPA of ≥ 9.0) who wish to complete the programme in 3.5 years, may register for additional subjects from higher semester's regular courses during the SEE, if offered by the HEI.
- iv) Slow learners may opt not to register/Drop a few courses in the regular Odd/Even semesters and register those courses in the summer semester. This shall be done under the guidance of the Faculty Mentors subject to the condition that the course load in every semester shall not fall below the minimum limit.

II. Passing Standards

High standards shall be maintained in all aspects of the examinations at Autonomous Colleges under the University. For this purpose, each Autonomous College shall follow the standards of passing at CIE and SEE for each Course, registered, as given in Tables – 1 for UG and Tables - 2 for PG:

Table – 1 : Passing Standards using Absolute Grading for UG	
Evaluation Method	Passing Standard
Continuous Internal Evaluation	Score: $\geq 40\%$
Semester End Examination	Score: $\geq 35\%$
Overall Score for Passing is $\geq 40\%$	

Table – 2 : Passing Standards using Absolute Grading for PG	
Evaluation Method	Passing Standard
Continuous Internal Evaluation	Score: $\geq 50\%$
Semester End Examination	For Theory Courses, Score: $\geq 40\%$ For Practical Courses, Score: $\geq 50\%$
Overall Score for Passing is $\geq 50\%$	

III. Award of Grades for Student Performance

1) With the introduction of CBCS in HEIs, the college has adopted the absolute grading system wherein the marks are converted to grades, and every semester result will be declared with semester grade point average (SGPA) on completion of courses of that semester.

2) Course Letter Grade (or simply letter grade or grade) is an index of performance of a student in a said course and refers to a qualitative measure of achievement of a student in each course, based on the percentage range of marks secured in CIE and SEE put together or CIE alone when there is no SEE. The total marks obtained by the student in CIE and SEE of a course is expressed as a percentage to compute the grade points and the letter grade is awarded as indicated in the table below:

Table A-1: For UG programmes (B.E./ B.Tech.):								
Letter Grade and corresponding Grade Points on a typical 10 – Point scale								
Letter Grade	O	A+	A	B+	B	C	P	F
	Outstanding	Excellent	Very Good	Good	Above Average	Average	Pass	Fail
Grade Point	10	9	8	7	6	5	4	0
% of Marks Secured	90-100	80-89	70-79	60-69	55-59	50-54	40-49	0-39

Table A-2: For PG programmes:							
Letter Grade and corresponding Grade Points on a typical 10 – Point scale							
Letter Grade	O	A+	A	B+	B	C	F
	Outstanding	Excellent	Very Good	Good	Above Average	Average	Fail
Grade Point	10	9	8	7	6	5	0
% of Marks Secured	90-100	80-89	70-79	60-69	55-59	50-54	0-49

3) If there is no SEE for a course, then the CIE marks alone will be the basis for the determination of letter grade.

4) The Guidelines given in this document basically cover the B.E./B.Tech. and PG programmes in general. 5) Absolute grading system is used in the college and hence the guidelines are confined specifically to this grading system.

A. Representation of Grades and Awarding Grades:

The letter grades are used as a student performance measure in all kinds of the course assessments.

1. Grades are denoted by letters based on the performance in the CIE and SEE put together

2. Additional letter grades awarded under special circumstances are (specified briefly as, Letter Grade: Grade Point – Circumstances):

i) DX: 0 – Attendance below 85% or not having minimum CIE, Credits are not included in CGPA, hence Repeat the course (In case of electives, course change is permitted),

ii) AB: 0 – Absent for a Course in SEE,

iii) AU: 0 – Satisfactory performance in an Audit course,

iv) PP: 0 – Passed in Non-credit course,

v) NP: 0 – Not Passed in Non-credit course.

3. The Transitional Grades 'I', 'W' and 'X' would be awarded by the teachers in the following cases. These would be converted into one or the other of the letter grades (O-F) after the student completes the course requirements.

i) Grade 'I': To a student having satisfactory attendance at classes and meeting the passing standard at CIE, but remained absent from SEE for valid & convincing reasons acceptable to the HEI, like:

(a) Illness or accident, which disabled him/her from attending SEE;

(b) A calamity in the family at the time of SEE, which required the student to be away from the College;

(c) Any other verifiable exigency.

ii) Grade 'W': To a student having satisfactory attendance at classes but withdrawing from that course before the prescribed date in a semester under Faculty Advice; No credits awarded to withdrawn course (W is not a grade but only a place holder indicating that the course has been withdrawn, and it has to be registered and cleared in subsequent semesters). All the 'W' grades awarded to the students would be eligible for conversion to the appropriate letter grades only after

the concerned students re-register for these courses in a main/summer semester and fulfill the attendance requirement and the passing standards for their CIE and (CIE + SEE).

iii) Grade 'X': To a student having high CIE rating ($\geq 90\%$) in a course, but SEE performance observed to be poor, which could result in an overall 'F' Grade in the course.

B. Awarding Letter Grades based on the action/performance of the students: (O – F, DX, AB, AU, PP, NP, W, X, or I)

Typical sequence of progress of the students in a semester will be as follows:

1. The Student Registers for a course in Odd/Even/summer Semester;
2. The Student Attend Classes;
3. The Student take CIEs;
4. Withdraw from the course within a fixed time? If yes, award 'W' grade;
5. At the end of the semester, Shortage of attendance? If yes, award 'DX' grade;
6. At the end of the semester, CIE below 40%? If yes, award 'DX' grade;
7. Is the Audit course satisfactorily completed? If yes, award 'AU' grade, else No Grade i.e., course is not reflected in the Grade Card;
8. The Student is present for SEE; Award final CIE and SEE marks;
9. The Student could not appear for SEE even with satisfactory attendance and CIE. Has valid/satisfactory reason? If yes, award 'I' grade else award 'AB' grade.
10. MNC course satisfactorily completed? If yes, award 'PP' grade, else 'NP' grade;
11. High CIE rating ($\geq 90\%$) in a course, but SEE performance observed to be poor, which could result in an overall 'F' Grade in the course, award 'X' grade.
12. For each course, expressing CIE+SEE marks in percentage, assign the grade points and award the letter grade (O/ A+/ A/ B+/ B/ C/ P/ F), as indicated in the Table above.

C. Grade Points

i) Depending on the letter grades assigned, a student earns certain grade points. As the grading system can have different scales for grade points (like 5, 8, 10.) with a greater number of points in the scale being desirable for providing higher resolution in the assessment. Moreover, all Autonomous Colleges under the University need to follow the same scale for uniformity in their operations. Hence, the Autonomous Colleges under the University shall follow the 10-point grading system, as given in Tables A-1 & A-2 for both the relative grading system and the absolute grading system

Note: The grading policy may change as per the notification issued by the University in this regard from time to time

ii) The grade points given in Tables A-1 & A-2 will help in the evaluation of credit points earned by a student in a Course as the credit points are equal to the number of credits assigned to the Course multiplied by the grade points awarded to the student in that Course. This shall be used in arriving at the credit index of the student for that semester, as it is the sum of all the credit points earned by the student for all the Courses registered in that semester.

D. Grade Point Averages SGPA and CGPA:

The credit index can be used further for calculating the Semester Grade Point Average (SGPA) and the Cumulative Grade Point Average (CGPA), both being important academic performance indices of the student. While SGPA is equal to the credit index for a semester divided by the total number of credits registered excluding those courses with transition grades, if any by the student in that semester. CGPA gives the sum of credit indices of all the previous semesters divided by the total number of credits registered in all those semesters EXCLUDING "F" and TRANSITION GRADES. Both the equations together facilitate the declaration of academic performance of a student, at the end of a semester and at the end of successive semesters respectively. Thus, equations for SGPA and CGPA shall be as per the VTU Guidelines for respective programmes notified from time to time. The Autonomous colleges shall not deviate from the same.

E. Computation of SGPA and CGPA

The following expressions shall be used to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) respectively:

SGPA

$$= \frac{\sum [\text{Course Credits} \times \text{Grade points}] \text{ for all the Courses registered in that semester excluding transitional grade}}{\sum [\text{Course Credits}] \text{ for all the Courses registered in that semester excluding transitional grade}}$$

CGPA

$$= \frac{\sum [\text{Course Credits} \times \text{Grade Points}] \text{ for all Courses excluding those with F and transitional grades until that semester}}{\sum [\text{Course Credits}] \text{ for all Courses excluding those with F and transitional grades until that semester}}$$

The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the grade cards.

IV. SEE EXAMINATION GUIDELINES:

SEE shall be conducted for all credit courses. However, for Mandatory Non-credit Courses, SEE can be avoided and assessed only in CIE. The SEE shall be conducted at the college level as per the calendar of events.

For UG Programmes:

i) After the ODD semester, only the Semester end examinations of the courses of odd semesters (I, III, V and VII) are conducted. Here, students who meet the minimum attendance and CIE requirements for the courses of regular ODD semester can appear for the examinations of such courses and also Backlog courses ('F' Grade/ 'AB' grade courses) of previous ODD Semesters, if any.

ii) Similar to (i) above, after the EVEN semester, only the Semester end examinations of the courses of Even semesters (II, IV, VI and VIII) are conducted. Here, students who meet the minimum attendance and CIE requirements for the courses of regular EVEN semester can appear for the examinations of such courses and also Backlog courses ('F' Grade/ 'AB' grade courses) of previous EVEN Semesters, if any. However, as a special case, only in the first year, if students have Backlog courses ('F' Grade/ 'AB' grade courses) of first semester and if those courses are offered in second semester and consequently SEE are conducted for such courses, then, they can appear for the examinations of such backlog courses in second semester. For the courses of first semester that are not offered in second semester (Ex.: Mathematics course of first semester) and for which the SEE will not be conducted subsequently in second semester, students can appear for examinations of such courses in subsequent summer semester/odd semester end examinations.

iii) After the summer semester, semester end examinations of the courses offered in the summer semester are conducted. Here, students who meet the minimum attendance and CIE requirements for the courses registered in summer semester can appear for the examinations of such courses. Also, if a student has Backlogs ('F' Grade/ 'AB' grade courses) in any of the previous semester's courses, he/she can appear directly for the examinations of those courses.

For PG Programmes:

iv) After the ODD/EVEN Semester, the Semester end examinations of all the courses of odd/even semesters are conducted to facilitate students to appear for the Backlog courses ('F' Grade/ 'AB' grade) of previous semesters, if any, and also to facilitate to appear for the examinations of DX' grade/ 'NP' grade courses after meeting the minimum attendance and CIE requirements. For UG & PG Programmes

v) Students who have satisfied the attendance and CIE requirements for the course/s, appears for the SEE, but fail to obtain the overall score for passing in that course/s (Refer to section II for the passing standard) will be awarded 'F' Grade.

vi) Students who have satisfied the attendance and CIE requirements for the course/s, but is absent for the SEE of that course/s will be awarded 'AB' Grade.

vii) In the process of conducting SEE, external examiners may associate with the work of Question Paper setting and evaluation of answer scripts, as covered in sub-sections (b) and (c) below.

viii) Each appearance to SEE or absence from SEE shall be treated as an attempt.

ix) A student shall not be permitted to avail course substitution option beyond a maximum of two (2) courses during the entire programme. This course substitution option is not permitted for core courses.

Note: 1. These regulations are subjected change from time to time as per the affiliating university notifications.

2. For all other regulation refer 2022 regulations.