EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

An Autonomous Institution Affiliated to Visvesvaraya Technological University (VTU), Belagavi

Approved by All India Council for Technical Education (AICTE), New Delhi; Recognized by Govt. of Karnataka

UG programs Accredited by National Board of Accreditation (NBA): CSE, ECE & ISE; NAAC 'A' Grade

Academic and Examination Regulations

(Applicable from Academic Year 2024–25 for UG & PG Programmes)

Note: The regulations hereunder are subject to amendments as may be made by the Academic Council of the College from time to time. Any or all such amendments will be effective from such date and to such batches of candidates (including those already undergoing the programme) as may be decided by the Academic Council.

Contents

1. Introduction

This document outlines the academic and examination regulations that govern undergraduate and postgraduate programs. It is effective from Academic Year 2024–25.

2. About the Institute

2.1. Overview

East Point College of Engineering and Technology (EPCET) was founded in 1999 under the aegis of **M. G. Charitable Trust** in Bengaluru. The College is located near Bidarahalli, along Old Madras Road in Bengaluru's eastern suburbs. It is about 7 kilometers from K. R. Puram, Bengaluru.

The College is affiliated to **Visvesvaraya Technological University (VTU)**, Belagavi. All of EPCET's undergraduate and postgraduate programs are approved by the **All India Council for Technical Education (AICTE)**, New Delhi. The **University Grants Commission (UGC)** and VTU have conferred **Autonomous Status** to EPCET from the academic year 2024–25 for a period of five years. The institution offers seven undergraduate and two postgraduate programmes. All eligible programmes have been accredited by the **National Board of Accreditation (NBA)**, New Delhi. In the year 2025, the **National Assessment and Accreditation Council (NAAC)** accredited EPCET with an **'A' Grade**, valid for five years.

EPCET has around 2500 students enrolled in various programs and about 150 qualified faculty members, approximately 30% of whom hold a Ph.D. In addition to teaching and administrative duties, faculty members are actively engaged in research and development activities.

All final-year students participate in internships in reputed industries, and more than 70% of students secure employment through campus placements with leading companies. A large number of alumni are now serving in senior positions in industry and government. Some alumni have also become entrepreneurs in and around Bengaluru, while several others have established successful careers abroad. Students actively participate in sports and cultural activities organized by VTU.

The College campus includes a large number of classrooms, seminar halls, well-equipped laboratories, and a library with over 50,000 books. The entire campus is Wi-Fi enabled. Students learn and practice using industry-standard software in laboratories, and the institution subscribes to a significant number of technical journals through a consortium approach.

Being part of a multi-college campus, EPCET students have opportunities to interact with peers from disciplines such as medicine, pharmacy, nursing, management, commerce,

and science. Students are provided with transport, hostel, and sports facilities. More than fifteen student organizations encourage students to engage in various co-curricular and extracurricular activities.

The College has set an ambitious vision and continuously adopts innovative concepts in teaching, learning, and student assessment to achieve its mission. EPCET's holistic approach to education strives to enhance overall student satisfaction and academic excellence.

2.2. Institute Vision

The East Point College of Engineering and Technology aspires to be a globally acclaimed institution, recognized for excellence in engineering education, applied research, and nurturing students for holistic development.

2.3. Institute Mission

M1: To create engineering graduates through quality education and to nurture innovation, creativity and excellence in teaching, learning and research.

M2: To serve the technical, scientific, economic and societal developmental needs of our communities.

M3: To induce integrity, teamwork, critical thinking, personality development and ethics in students and to lay the foundation for lifelong learning.

3. Definitions

- **"Autonomous Institute / College"** means an institute / college designated as autonomous institute / college by the *Visvesvaraya Technological University (VTU)*, as per the *VTU Autonomous College Statutes, 2006* amended 2018.
- **"Academic Autonomy"** means freedom to a College in all aspects of conducting its academic programmes, granted by the University for promoting excellence.
- **"Commission"** means *University Grants Commission.*
- **"AICTE"** means *All India Council for Technical Education.*
- **"University"** means *Visvesvaraya Technological University.*
- **"Institute"** means *East Point college of Engineering and Technology*, Bangalore.
- **"Programme"** means:
  - Bachelor of Engineering (B.E) degree programme

  - Master of Technology (M.Tech) degree programme
  - Research Programmes: Doctor of Philosophy (Ph.D)

- **"Branch"** means specialization in a programme like B.E. degree programme in Civil Engineering, B.E. degree programme in Electronics & Communication Engineering (ECE), M.Tech degree programme in Product Design and Manufacturing (MPD), etc.

- **"Course"** means a theory or practical subject, identified by its course-code and course-title, which is normally studied in a semester. For example, MTC11: Calculus and Linear Algebra: CSE stream, PHC12: Quantum Physics and Applications (CSE stream)

4. Programmes Offered

East Point College of Engineering and Technology, an autonomous institute affiliated to *Visvesvaraya Technological University (VTU)*, Belagavi offers **B.E.** and **M.Tech**, programmes under the autonomous scheme.

4.1. Undergraduate Programmes (B.E)

The college offers the following Bachelor of Engineering (B.E.) programmes:

- B.E. – Computer Science and Engineering
- B.E. – Information Science and Engineering
- B.E. – Electronics and Communication Engineering
- B.E. – Computer Science and Engineering (Data Science)
- B.E. – Computer Science and Engineering (Internet of Things and Cyber Security including Blockchain Technology)
- B.E. – Computer Science and Engineering (Artificial Intelligence and Machine Learning)
- B.E. – Civil Engineering
- B.E. Artificial Intelligence and Data Science
- B.E. Mechanical Engineering

4.2. Postgraduate Programmes (M.Tech)

The college offers the following Master of Technology (M.Tech) programmes:

- M.Tech – Product Design and Manufacturing
- M.Tech – Construction Technology

5. Programme Duration

Table 1: Normal and Maximum Duration of Various Academic Programmes

Programme	Normal Duration	Maximum Duration
B.E. Degree Programme	4 Academic Years	8 Academic Years
B.E. Degree Programme (Lateral Entry)	3 Academic Years	6 Academic Years
M.Tech Degree Programme	2 Academic Years	4 Academic Years

Note: The duration is reckoned from the academic year in which the student is first admitted into the programme. If a student fails to complete the programme within the maximum duration, they will be required to withdraw. However, they may seek readmission to the first year as a fresh candidate, subject to approval.

6. Admissions

Candidates seeking admission to any programme offered by the Institute must satisfy the eligibility criteria prescribed by *Visvesvaraya Technological University (VTU)*, *Government of Karnataka*, and *All India Council for Technical Education (AICTE)*. The admission process will adhere to the directions and guidelines issued by the respective authorities from time to time.

Lateral admission directly to the **Second Year** of the B.E. degree programme is permitted for candidates holding a **3-year Diploma** qualification. The admission procedure for such candidates shall follow the prevailing rules and guidelines prescribed by the competent authorities.

The Institute may also admit students from other Institutes or Universities into appropriate semesters. Such admissions shall be governed by the guidelines issued by the relevant authorities and the **transitory rules and regulations** of the Institute.

7. Semester Structure

Each academic year is divided into three semesters: Two regular semesters (**Odd Semester** and **Even Semester**), and **Summer Semester**

Table 2: Autonomous Semester Structure

Semester	**Duration**	**Remarks / Activities**
Odd Semester (I,III, V, VII)	August – December	Regular academic semester with theory, labs, projects, and CIE/SEE
Even Semester (II, IV, VI, VIII)	January – May	Regular academic semester with theory, labs, seminars, internships, and CIE/SEE
Summer Semester(*not applicable to PG Programs*)	July – August	Offered for students with 'DX' grades (due to shortage of attendance or inadequate CIE); includes fast-track classes and examinations

7.1. Semester Duration and Summer Semester

Each **main semester** shall be of **19 weeks** duration. This period includes time for:

- Registration of courses,
- Course work,
- Examination preparation,
- Conduct of examinations,
- Assessment, and
- Declaration of final results.

Each main semester shall have a minimum of **90 working days**.

The **Summer Semester** is a **fast-track semester** consisting of **10 weeks**. This period also includes:

- Registration of courses,
- Course work,
- Examination preparation,
- Conduct of examinations,
- Assessment, and
- Declaration of final results.

Important Guidelines for Summer Semester:

- Not all courses may be offered during the summer semester.

- Students are required to pay a **credit fee** prescribed by the college to register for courses in this semester.
- The summer semester is intended to help students losing an academic year.
- Participation is **optional**; students cannot demand it as a matter of right.
- The institute may utilize the summer semester to offer **Add-On Courses** or for deputing students for **practical training**, **fieldwork**, and/or **internships**.

The **Academic Calendar** for each semester, including summer semester, is declared at the start of the semester.

8. Curriculum Framework

The curriculum of an engineering program includes the following curricular components with recommended minimum and maximum number of credits for each component.

Table 3: Typical Credit Distribution for the B.E. Programme

Curricular Component	**Abbreviation**	**Typical Credits**
Humanities and Social Sciences	HS	6
Programming Language and Emerging Technology courses	PLC/ETC	6
Basic Sciences Courses/Applied Science courses	BS/ASC	20
Engineering Science Courses	ES	18
Integrated Professional Core Courses	IPCC	20
Professional Core Courses	PCC	31
Professional Elective Courses	PE	16
Open Elective Courses	OE	07
Professional Core Courses Laboratory	PCCL	5
Ability Enhancement Course	AEC/SEC/SDC/UHV	10
Project Work	PW	16
Internship	IN	5
Total	–	**160**
Non-Credit Mandatory Courses	NC	–

9. Choice Based Credit System

All the academic programmes under autonomy are based on the **Choice Based Credit System**.

Definition of One Credit:

- Lecture (L): 1 hour/week/semester
- Tutorial (T): 2 hours/week/semester
- Practical (P): 2 hours/week/semester

Note: The above figures shall be doubled in the case of a summer semester.

Credits for other academic activities like **Project Work**, **Seminars**, etc., may be notified by the Institute from time to time.

A specific course will be assigned credits in the format: Lecture Credits : Tutorial Credits : Practical Credits. This is based on the academic load in accordance with the definitions above.

Example: A course with 2 hours of lecture, 2 hours of tutorial, and 2 hours of practical per week will be assigned as:

$$\textbf{Credits} = 2 : 1 : 1 = \textbf{Total 4 Credits}$$

A student must register for courses to earn credits as part of meeting the academic requirements of the programme. All such courses, along with the credits earned and grades obtained, will appear on the **Grade Card** issued by the Institute at the end of each semester. This will be used to determine the student's academic performance.

In addition, a student may register for a course **for audit only**, with the objective of supplementing knowledge or skills. In such cases:

- The course will be recorded on the Grade Card as an **Audit Course**.
- A grade of **'U' (Unsatisfactory)** will be awarded for non-completion.
- Performance in audit courses will **not affect the SGPA/CGPA**.

10. Registration / Dropping / Withdrawal

Each student must compulsorily register for coursework at the beginning of each semester as per the schedule mentioned in the **Academic Calendar**. Timely registration is mandatory.

▷ **Credit Registration Limits:**

- **B.E, M.Tech,** Minimum **16 credits**, maximum **28 credits**, as advised by the mentor.

A student may be **barred from registering** for a course due to specific reasons such as:

- Disciplinary action
- Non-payment of fees

▷ **Dropping of Courses:**

- A student may drop one or more courses **within one week after the first internal assessment test** or by the date notified in the academic calendar.
- This must be done in consultation with the mentor and without affecting the minimum required credits per semester.
- Dropped courses **will not be recorded in the Grade Card**.
- The student must register for dropped courses in the **summer semester or forthcoming regular semesters** to earn the required credits.

▷ **Withdrawal from Courses:**

- A student is permitted to withdraw from a course by the date notified in the academic calendar.
- Withdrawn courses **will be recorded** in the Grade Card as 'W'
- Withdrawal is allowed only once per course.
- Withdrawal from **re-registered subjects is not permitted**.
- Minimum credit requirements must still be met.

Minimum Credits after Dropping/Withdrawal:

- **B.E, M.Tech,** Minimum **16 credits**

Summer Semester Registration Limits:

- **B.E,** Maximum of **14 credits**

11. Rejection of Results

There shall be a provision for the rejection of the total performance of a semester and re-registration for the semester. This shall be done **only once in the entire course of study**. However, rejection of performance of 8th semester **project work and internship is not permitted.**

12. Termination from the Programme

A student shall be required to withdraw from the programme and leave the College on the following grounds:

i) Absence from classes for more than six weeks at a time in a semester without leave being granted by the competent authority.

ii) Failure to meet the standards of discipline as prescribed by the College from time to time.

13. Mentoring System

There is a Mentor System, involving the regular faculty members, with each Faculty being assigned a group of students. The functions of the Faculty Mentor shall be to:

- Advise the students in the group on all academic matters (like registration of courses, dropping of courses and/or withdrawing from courses),
- Monitor the students in the group for their individual academic performance,
- Identify students in the group who are slow, average, or fast learners to help them pace their studies/learning at the College based on their individual abilities, and serve as a friend, philosopher, and guide to all of them in the group during their studentship at the College.
- With the Mentor System in place, a student shall normally be permitted to register for the average course load in the first semester. Based on the performance in the semester and faculty advice, he/she may continue with this load (for average and fast learners) or reduce it to the minimum permissible (for slow learners) by dropping/withdrawing from some course(s)/credits before the dates prescribed for these. This facility assists the student to pace the coursework, minimize the chances of failure in the course(s), and optimize the learning process.
- The student's performance in the first semester shall be the basis for faculty advice on the number of credits to be registered in the second (or subsequent) semester (to be within the minimum/maximum limits of 16/28 credits). Further, faculty advice and close monitoring will help a slow learner keep pace with the coursework properly by reducing the course load, if required, and minimizing the chances of failure in the semester.
- The above will enable any student to properly plan his/her course load in each succeeding semester by fixing it to be between ≥ 16 and ≤ 28 credit limits based on Mentor advice and his/her academic performance in the previous

semester. Faculty advice is also useful to the student in identifying appropriate elective courses.

- This faculty advice will also help fast learners (or outstanding students) to accelerate their programmes by registering and maintaining up to the maximum (=28 credits) course load in each succeeding semester based on their performance in the preceding and the current semesters. Such students will be able to complete the credit requirements of the programme in a shorter time, like 7 semesters in the case of B.E.In such cases, the guidelines/directions issued by the University shall be followed.
- Similarly, slow learners need to register only for the minimum (=16) number of credits in each succeeding semester and strive to maintain good performance in all the courses registered and complete the total requirements for the programme at a slower pace, say 9 to 10 semesters in all, in the case of B.E./B. Tech. as an example. However, the student has to complete the programme within the permitted maximum duration.

14. Assessment and Examination

14.1. Assessment Guidelines

- **C**ontinuous Internal Evaluation (CIE) of the students is made by the Course faculty throughout the semester.The evaluation process may include midterm tests, weekly / fortnightly class tests, assignments, problem solving exercises, group discussions, quizzes, seminars, miniproject, surprise test, etc.
- **Semester End Examination (SEE):** Conducted at the end of the semester with written exams for theory and practical exams for lab/design courses.

1. CIE and SEE each carry 50% weight. Equal rigor must be ensured in both assessments.
2. Both should include analytical and application-based questions.
3. Evaluation should align with course outcomes.

14.1.1 Question Paper Guidelines

- Cover all syllabus sections uniformly.
- Be unambiguous and error-free.
- Emphasize knowledge testing, problem-solving, and quantitative methods.
- Include data/information with clear instructions.

- Incorporate higher-order Bloom's taxonomy questions.

14.1.2 Question Paper Planning

- Cover entire syllabus with optional questions across modules.
- Syllabi should be modular and error-free for effective paper setting.

14.1.3 Types of Questions

- **Multiple Choice Questions (MCQ):** Suitable for knowledge, comprehension, and application testing. Limited to 15–20 % in courses with more than 2 credits.
- **Comprehensive Questions:** In-depth theoretical or applied questions evaluating higher-level skills.
- At least 20% of question papers to be set by external examiners.

14.2. Examination Guidelines

14.2.1 Maintenance of Standards

- High standards and timely declaration of CIE and SEE results.

14.2.2 Continuous Internal Evaluation (CIE)

- Conducted by course faculty; results shared with students promptly.
- A moderation committee shall oversee CIE implementation.
- Students failing CIE but having required attendance receive 'DX' (credit courses) or 'NP' (non-credit).
- UG students with DX/NP can Re-register in summer semester; PG students in subsequent semesters.

14.2.3 Semester End Examination (SEE)

UG Programmes

- SEE after each semester includes regular and backlog courses.
- Students with DX/NP can re-register in the summer semester and write DX/NP courses after fulfilling CIE and attendance.

PG Programmes

- SEE after each semester includes regular and backlog courses.
- Students can write DX/NP courses after fulfilling CIE and attendance in subsequent semesters.

General Rules

- F grade for failing in SEE.
- AB grade for absent in SEE.
- External examiners may assist in setting and evaluation.
- Each appearance or absence is treated as an attempt.

14.2.4 Evaluation and External Review

- Evaluation by experienced examiner with departmental oversight.
- External review by BoE panel for transparency and quality assurance.

14.3. Makeup Examination

- For students having valid reasons with 'I' or 'X' grades.
- Conducted after SEE results or as per Academic Council's discretion.
- Requires valid documentation.
- Not available after summer semester.

14.4. Attendance Standards

- Minimum 85% attendance per course;
- Attendance shortage leads to 'DX'/'NP'.
- UG: May re-register in summer semester ;
- PG: In next semester without time table conflict.

14.5. Attendance at CIE and SEE

- Compulsory for all registered courses.
- No re-exams except under special provisions.
- Students under disciplinary action may be barred from SEE.

14.6. Minimum Credit Requirements for the award of Degree

Table 4: Minimum Credit Requirements

Programme	**Duration (Years / Semesters)**	**Minimum Credits**
B.E.	4 (8 Sem)	160
B.E. (Lateral Entry)	3 (6 Sem)	120
M.Tech.	2 (4 Sem)	80

14.7. Passing Standards

Table 5: Passing Standards using Absolute Grading for UG

Evaluation Method	**Passing Standard**
Continuous Internal Evaluation (CIE)	Score: $\geq 40\%$
Semester End Examination (SEE)	Score: $\geq 35\%$
Overall Score for Passing	Score: $\geq 40\%$

Table 6: Passing Standards using Absolute Grading for PG

Evaluation Method	**Passing Standard**
Continuous Internal Evaluation (CIE)	Score: $\geq 50\%$
Semester End Examination (SEE)	Theory Courses: Score $\geq 40\%$ Practical Courses: Score $\geq 50\%$
Overall Score for Passing	Score: $\geq 50\%$

14.8. Project Work Evaluation

- CIE based on supervisor and department Project Evaluation **Committee**.
- SEE includes seminar, report, and oral exam by Internal and External Examiner

14.9. Other Assessments

- Seminars, internships, and viva voce as per Academic Council guidelines.

14.10. Successive Failures

- After 4 failed attempts in a course, substitution from BoS-approved pool allowed.
- Max 2 courses over full programme; optional.

15. Grading Procedure

The assessment of each course shall consist of:

- **Continuous Internal Evaluation (CIE)** – 50%
- **Semester End Examination (SEE)** – 50%

The **total score** for each course shall be the sum of CIE and SEE marks, and will be used to assign a **Letter Grade**.

15.1. Award of Grades for Student Performance

1. With the introduction of the Choice Based Credit System (CBCS) in Higher Education Institutions (HEIs), the University has adopted the absolute grading system. In this system, marks are converted to grades, and every semester result is declared with the Semester Grade Point Average (SGPA) upon completion of the courses in that semester.

2. The *Course Letter Grade* (or simply *letter grade* or *grade*) is an index of a student's performance in a specific course and serves as a qualitative measure of achievement. It is based on the percentage range of marks secured in Continuous Internal Evaluation (CIE) and Semester End Examination (SEE) combined, or CIE alone in the absence of SEE. The total marks obtained by the student in CIE and SEE for a course are expressed as a percentage to compute the grade points, and the corresponding letter grade is awarded as indicated in 7 and 8

3. If there is no SEE for a course, the CIE marks alone will form the basis for determining the letter grade.

15.2. Absolute Grading System

15.2.1 Letter Grade Assignment for UG Programmes – B.E

Table 7: Letter Grade Assignment under Absolute Grading System (UG – B.E.)

Category	**O**	**A+**	**A**	**B+**	**B**	**C**	**P**	**F**
Grade Point	10	9	8	7	6	5	4	0
Percentage of Marks Secured	90–100	80–89	70–79	60–69	55–59	50–54	40–49	0–39

15.2.2 Letter Grade Assignment for PG Programmes – M.Tech

Table 8: Letter Grade Assignment under Absolute Grading (PG – M.Tech)

Letter Grade	**O**	**A+**	**A**	**B+**	**B**	**C**	**F**
Grade Point	10	9	8	7	6	5	0
Percentage of Marks Secured	90–100	80–89	70–79	60–69	55–59	50–54	0–49

O: Outstanding, A+: Excellent, A: Very Good, B+: Good, B: Above Average, C: Average, F: Fail.

15.2.3 Awarding Letter Grades Based on Student Action/Performance

The letter grades (O – F, DX, AB, AU, PP, NP, W, X, or I) are awarded based on the student's academic progress and circumstances during the semester. The typical sequence of events and corresponding grade assignment is given below:

1. The student registers for a course in Odd/Even/Summer semester.
2. The student attends classes.
3. The student takes Continuous Internal Evaluation (CIE) tests.
4. Withdrawn from the course within the fixed time? If yes, award 'W' grade.
5. At the end of the semester, shortage of attendance $< 85\%$. 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 (course not reflected in the grade card).
8. The student is present for the Semester End Examination (SEE); award final CIE and SEE marks.
9. The student could not appear for SEE despite satisfactory attendance and CIE. Has a valid reason? If yes, award 'I' grade; else, award 'AB' grade.
10. Mandatory Non-Credit (MNC) course satisfactorily completed? If yes, award 'PP' grade; else, award 'NP' grade.
11. High CIE rating ($\geq 90\%$) in a course, but poor SEE performance could result in an 'F' grade — award 'X' grade.
12. For each course, express 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 7 and 8

15.2.4 Special and Transitional Letter Grades with Circumstances

Table 9: Special and Transitional Letter Grades with Circumstances

Letter Grade	Grade Point	Circumstances
DX	0	Attendance below 85% or not having minimum CIE 40%; credits not included in CGPA; repeat the course (elective change permitted).
AB	0	Absent for a course in SEE.
AU	0	Satisfactory performance in an Audit Course.
PP	0	Passed in a Non-credit course.
NP	0	Not passed in a Non-credit course.
I	–	Satisfactory attendance and passing CIE, but absent from SEE for valid reasons such as hospitalization, accident, calamity in family, or other verifiable exigency.
W	–	Satisfactory attendance but withdrew from the course before the prescribed date; no credits awarded; must re-register and meet requirements in a later semester.
X	–	High CIE rating ($\geq$90%) but poor SEE performance that could otherwise lead to an 'F' grade.

16. Vertical Progression

Table 10: Vertical Progression and Eligibility Criteria

Programme	Progression Stage	Eligibility Criteria
UG Programmes	To 2nd Year (3rd Semester)	Students having "F" grades for courses totaling more than 16 credits in the 1st and 2nd semesters shall not be permitted to move to the 3rd semester. These courses include those marked as 'DX', 'AB', 'D', and 'W'.

Continued on next page

Table 10 – continued from previous page

Programme	Progression Stage	Eligibility Criteria
	To 3rd Year (5th Semester)	Promotion from 2nd Year to 3rd Year shall not be restricted even if the student has any number of backlog courses ('F', 'DX', 'AB','D', and 'W' grades).
	To 4th Year (7th Semester)	Students having "F", 'DX', 'AB', 'D', or 'W' grades for any courses in the 1st and 2nd semesters shall not be permitted to move to the 7th semester. Audit/mandatory non-credit courses from the 1st and 2nd semesters can be carried forward but must be completed before the award of the degree.
PG Programmes	To 2nd Year (3rd Semester)	Students having "F" grades for courses totaling more than 16 credits in the 1st and 2nd semesters shall not be permitted to move to the 3rd semester. These courses include those marked as 'DX' and 'AB'.
Odd to Even Semester Progression		Promotion from an odd semester to the subsequent even semester shall not be restricted in both UG and PG programmes.

17. Grade Point Averages

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.

17.1. 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:

$$\text{SGPA} = \frac{\sum (CourseCredits \times GradePoints) \quad \begin{array}{c}\text{for all courses in that}\\ \text{semester excluding}\\ \text{transitional grades}\end{array}}{\sum (CourseCredits) \quad \begin{array}{c}\text{for all courses in that}\\ \text{semester excluding}\\ \text{transitional grades}\end{array}} \tag{1}$$

$$\text{CGPA} = \frac{\sum (CourseCredits \times GradePoints) \quad \begin{array}{c}\text{for all courses excluding}\\ \text{those with F and}\\ \text{transitional grades until}\\ \text{that semester}\end{array}}{\sum (CourseCredits) \quad \begin{array}{c}\text{for all courses excluding}\\ \text{those with F and}\\ \text{transitional grades until}\\ \text{that semester}\end{array}} \tag{2}$$

17.2. Conversion of CGPA into Percentage of Marks and Class Equivalence

The following formula may be used for conversion of the CGPA (on a 10-point scale) into the percentage of marks (M) for purposes such as employment, higher studies, etc.

$$\text{Percentage of Marks (M)} = \text{CGPA} \times 10 \tag{3}$$

17.3. Class Equivalence for UG

Subsequent to the conversion of the final CGPA, after successful completion of the program, into the percentage of marks (M), a graduating student is deemed to have passed in:

- **First Class with Distinction (FCD)**, if $M \geq 70$
- **First Class (FC)**, if $60 \leq M < 70$
- **Second Class (SC)**, if $50 \leq M < 60$
- **Pass Class (P)**, if $40 \leq M < 50$

17.4. Class Equivalence for PG

After the conversion of final CGPA into the percentage of marks (P), a graduating student is reckoned to have passed in:

- **First Class with Distinction (FCD)**, if $P \geq 70\%$.

- **First Class (FC)**, if $60\% \leq P < 70\%$.
- **Second Class (SC)**, if $50\% \leq P < 60\%$.

18. Recommendations for Degree Award

The College will ensure that each such student in has fulfilled all the requirements for the award of Degree as per the applicable Guidelines/norms of the University, such as:

i) Obtaining the required credits as indicated in Table 4 for UG programmes and PG programmes.

ii) Obtaining a minimum CGPA ≥ 4.00 for UG programmes and CGPA ≥ 5.00 for PG programmes.

iii) Not having any transitional grades (I, X, W) in any courses.

iv) Passing in all mandatory Non-credit courses / Audit courses.

v) Obtaining the prescribed AICTE activity points.

1. **Award of Ranks:** Ranks shall be awarded at the institute level based on the following criteria:

i) As per the Programme regulations notified by the University.

ii) Passing of all the prescribed courses in the first attempt in odd, even, and summer semesters.

iii) Students who have taken a make-up examination, or who have dropped or withdrawn from a course, are not eligible for award of ranks.

19. Amendments

These regulations may get revised or amended from time to time, and on approval by the Academic Council and the Governing council, shall come into force and shall be binding on the students, faculty, staff, all authorities of the Institute, and others concerned.