

Pimpri Chinchwad Education Trust's  
**Pimpri Chinchwad College of Engineering, Pune**

(An Autonomous Institute affiliated to Savitribai Phule Pune University,  
Pune)




**RULES AND REGULATIONS FOR  
ACADEMICS, EXAMINATIONS  
AND EVALUATION**  
"Knowledge Brings Freedom"

Governing

**Postgraduate (M. Tech.) Programmes  
with effect from Academic Year 2024-25  
(Applicable to Regulations 2024 and 2020)**

([www.pccoepune.com](http://www.pccoepune.com))

  
Chairman  
Academic Council  
PCET's, Pimpri Chinchwad College of Engineering  
Sector No. 26, Pradhikaran, Nigdi, Pune-44

---

## PPREFACE

Pimpri Chinchwad Education Trust's **Pimpri Chinchwad College of Engineering (PCCoE)** is one of the promising institutes in the Quality & Professional Education. Since 1999, PCCoE has been imparting value added quality education to satisfy the needs and expectations of the Stakeholders like Students, Parents, Industry etc. Focused efforts are made to achieve this, by providing state-of-the-art Engineering and Management education to Students. PCCoE has student centric academic system to ensure holistic development. Every possible opportunity is provided to the student to progress academically and excel.

PCCoE indigenously adheres the philosophy of National Education Policy (NEP)-2020, in curriculum design, as to create an academic system that is flexible, inclusive, and focused on the holistic development of students. NEP-2020 fosters a mindset of continuous growth and lifelong learning. The continuous assessment, which involves regular evaluations throughout the course or academic year is promoted. This method provides ongoing feedback to students, allowing them to understand their progress and improve over time.

The weightage of Stringent Academic Monitoring and Control has led towards Qualitative Results and Placements, thereby becoming the most opted Institute for admissions by engineering aspirants in and around Pune and all over the state of Maharashtra.

This booklet gives comprehensive information on the existing Rules and Regulations for M. Tech. Programmes of all branches. All Postgraduate Programmes will be governed by these Rules and Regulations. The various departments are given a direction to excel in academics through these Rules and Regulations approved by the Academic Council from time to time, keeping in view the ever-growing challenges and new developments. The stakeholders particularly the students, and parents/guardians, are advised to be fully familiar with the Academic System of the Institute. Students should be aware of the Rules and Regulations governing Academic requirements, Evaluation and Assessment policy, and Grading System. These rules maybe revised to ensure the optimized learning experience of students to meet the global needs of the Industry. These revisions are recommended as per the directives of UGC, AICTE, DTE and BoS. The Academic Council is the final authority to approve the Rules and Regulations, and these are binding on all the interested parties.

It is expected that this booklet would bring transparency in the functioning of the Institute related to Academics, Examinations and Evaluation amongst Students, Faculty members, Administrators, Parents and other Stakeholders.



## INDEX

Sr. No.	Title	Page No.
1	DEFINITIONS	4
2	INTRODUCTION	6
3	ORGANIZATION STRUCTURE & ACADEMIC DEPARTMENTS	7
4	ADMISSIONS	9
5	ACADEMIC CALENDER	10
6	SEMESTER REGISTRATION, ATTENDANCE, TEMPORARY BREAK& TERMINATION	11
7	CURRICULUM	14
8	EXAMINATION& EVALUATION	17
9	EXAMINATION RULES AND REGULATIONS	21
10	PERFORMANCE INDICES SGPA& CGPA	22
11	SEMESTER GRADE REPORT	24
12	AWARD OF DEGREE	24
13	DISCIPLINES & CONDUCT	25
14	CONCLUSIONS	29



## 1. DEFINITIONS

1. "Institute" means Pimpri Chinchwad College of Engineering (PCCoE)
2. "University" means Savitribai Phule Pune University (SPPU), Pune
3. "Masters of Technology" M. Tech means, Post Graduate Degree awarded by SPPU
4. "Semester" means period in which Academic activities are carried out.
5. "Course" means theory/laboratory/seminar/project/mini project/ tutorial etc.
6. "Course Credit" means weightage assigned to a Course.
7. "Course Teacher" means Faculty member assigned to teach a Course.
8. "Grade" means **Single** Letter assigned to indicate the Performance of Student in a Course.
9. "GB" means Governing Body.
10. "Academic Council" means apex Academic Body governing the academic programmes & policies in PCCoE.
11. "Board of Studies" (BOS) means departmental Academic Body common for UG and PG Programmes.
12. "Board of Examination" (BOE) means apex Examination Body responsible for Examination conduction, framing and implementing Rules and Regulations approved by Academic Council.
13. "Grievance Redressal and Discipline Committee" (GRDC) means committee appointed by Director to deal with cases of Grievances and Indiscipline.
14. "Complaint Redressal Committee" (CRC) means Committee appointed by Director to deal with cases of Unfair means/Malpractice/s in Examination.
15. "Department Advisory Board" (DAB) means departmental Advisory Body common for UG and PG Programmes.
16. "Programme Assessment Committee" (PAC) means departmental committee for Assessment of Program.
17. "Academic Standing Committee (ASC)" means apex body next to Academic Council to take decisions under emergent situations subjected to ratification by Academic Council.
18. "Semester Grade Performance Average (SGPA)" means the weighted average of Grade Point of a Student in a Semester.
19. "Cumulative Grade Performance Average (CGPA)" means the weighted average of



Grade Points for all the Semesters completed by a Student.

20. "Allowed to Keep Term (ATKT)" means allowed for admission to higher class after satisfying minimum credits criterion.
21. "Academic Examination and Assessment R&R" means Academics, Examination & Evaluation Rules and Regulations governing system of the Institute.
22. "COE" means Controller of Examination.
23. "FA" means Formative Assessment
24. "SA" means Summative Assessment
25. "DTE" means Directorate of Technical Education, Mumbai
26. "AICTE" means All India Council for Technical Education, New Delhi
27. "NBA" means National Board of Accreditation
28. "NAAC" means National Assessment and Accreditation Council, Bangalore
29. "UGC" means University Grant Commission
30. "NEP" means National Education Policy





## 2. INTRODUCTION

The provisions made in this document shall govern the Academic Policies and Procedures, Curriculum, Course Delivery, Evaluation System, Continuous Assessment, conduct of the Examinations and declaration of Results.

- i. The Medium of instruction throughout the programme shall be English.
- ii. Semester system shall be adopted for Academic activities in the Institute. Normally, all Odd Semesters shall commence from first week of August and Even Semesters shall commence from first week of January.
- iii. The commencement of first semester for M. Tech shall be governed by admission schedule declared by DTE, Government of Maharashtra.
- iv. There are four semesters having total 80 Credits (Regulations 2024)/ 68 credits (Previous Regulations) for every Postgraduate Programme.
- v. All six Postgraduate Engineering Programmes offered by Civil (Construction Management), Mechanical (Design), Mechanical (Computational Mechanics), Electronics and Telecommunication (VLSI & Embedded Systems), Computer and Information Technology (Artificial Intelligence & Data Science) shall be governed by Rules and Regulations provided in this version of “Rules and Regulations for Academic, Examinations and Evaluation”.
- vi. Academic Calendar shall be prepared and published before the commencement of every Academic year.
- vii. Evaluation norms shall be strictly followed to maintain quality of engineering education. Examination system shall be transparent and governed by Rules and Regulations.
- viii. Rules and Regulations here after shall be subjected to amendments made by the Academic Council from time to time, based on recommendations of the BOS and BOE. All such amendments shall be applicable from date of amendment.
- ix. The Rules and Regulations formulated in this document shall be subjected to revisions/refinement/updates/modifications through the approval by the Academic Council from time to time, and shall be binding on all concerned Stakeholders, including the Students, Faculty, Staff, Departments, and Administrators.





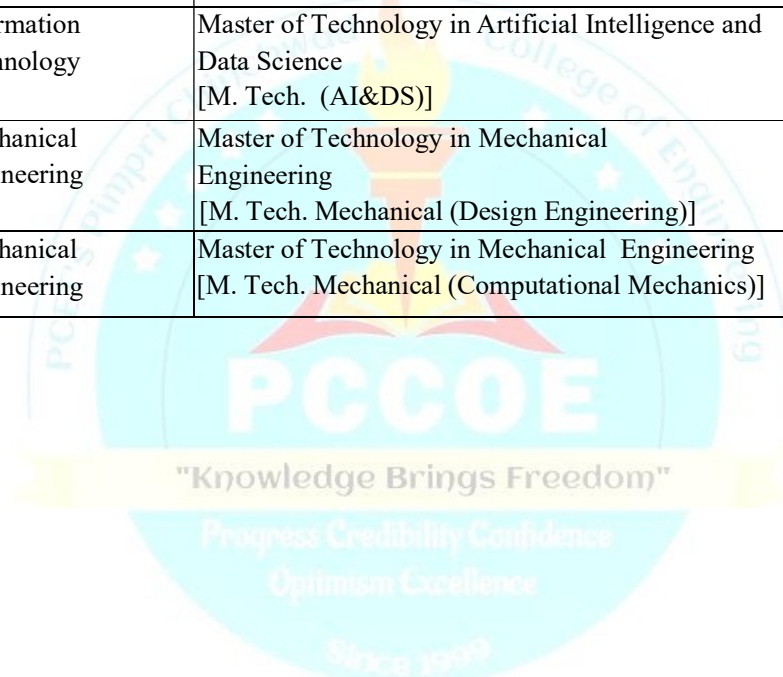
### 3. ORGANIZATION STRUCTURE & ACADEMIC DEPARTMENTS

The organization structure and academic departments are well-established to ensure the proper execution of M. Tech programmes in qualitative way. Following are details about the various committees and postgraduate programmes:

- i. The academic administration of the Institute consists of committees and functionaries.
  - The Academic Council (AC) is a statutory and supreme body that governs all academic matters of the Institute. The AC is chaired by the AC Chairman (Director of the Institute) and the decisions made by the Chairman of AC, in regard to all academic issues, shall be final and binding to all the stakeholders. The AC may also form various sub-committees from time to time for specific purposes.
  - Academic Standing Committee (ASC) shall continuously assess the academic activities and makes appropriate revisions / modifications / improvements as and when required. All academic activities shall be scheduled through an approved academic calendar notified in the beginning of each academic year.
  - Board of Examination (BOE), constituted as per statues of Savitribai Phule Pune University shall ensure proper organization and conduction of examinations and related processes including moderation, tabulation and declaration of the results.
  - At the department level, Board of Studies (BOS), is responsible for framing the syllabi for various courses, reviewing and updating syllabi from time to time, introducing new courses of study, determining details of continuous assessment, recommending panels of examiners etc.
  - Department Advisory Board (DAB) and Programme Assessment Committee (PAC) is responsible to evaluates, assesses and monitors the academic practices of the department.
- ii. The functionaries of the Institutes related to academics and examination shall be Director, Deputy Director, Dean Academics, Controller of Examinations and Heads of Department.
- iii. Academic departments and programmes offered:  
The Institute offers Postgraduate programmes in Engineering as mentioned in Table 3.1.

Table 3.1: Academic Departments and Programmes offered

S. No	Academic Department	Programme Offered	Sanctioned Intake
1	Civil Engineering	Master of Technology in Civil Engineering [M. Tech. Civil (Construction Management)]	18
2	Computer Engineering	Master of Technology in Computer Engineering [M. Tech. (Computer Engineering )]	18
3	Electronics & Telecommunication Engineering	Master of Technology in Electronics & Telecommunication Engineering [M. Tech. E&TC (VLSI& Embedded Systems)]	18
4	Information Technology	Master of Technology in Artificial Intelligence and Data Science [M. Tech. (AI&DS)]	18
5	Mechanical Engineering	Master of Technology in Mechanical Engineering [M. Tech. Mechanical (Design Engineering)]	18
6	Mechanical Engineering	Master of Technology in Mechanical Engineering [M. Tech. Mechanical (Computational Mechanics)]	18







## 4. ADMISSIONS

- i. The Institute admits M. Tech. students under the following categories:

a) REGULAR (FULL-TIME)

These are students who work full time for their M. Tech. degree and receive assistantship from the Government for the same.

b) SPONSORED (FULL-TIME) STUDENTS

A candidate in the category is sponsored by a recognized R&D organization, national institute, governmental organization or industry for doing M.Tech. in the Institute on a full-time basis. He/she should have at least two years of working experience in the respective field. He/She will not receive any financial support from the Institute.

- ii. The admission process and eligibility to various Postgraduate programmes for regular entry (first year) and lateral entry (second year) are governed by the norms and procedures of DTE. The candidate shall be provisionally admitted subject to fulfillment of eligibility criteria prescribed by government/University from time to time. Details of admissions are available on weblink, [www.dtemaharashtra.gov.in](http://www.dtemaharashtra.gov.in).
- iii. Each student shall be allotted Permanent Registration Number (PRN) at the time of registration / or admission to the Institute and that will be a permanent identification number. Students is required to use this PRN for all purposes and communication.
- iv. The students seeking admission (regular entry) to second year should have earned at least 60% credits of the first year. However, if calculation of 60% credits results in to a mixed number (integer + proper fraction) then the integer part of that number shall be considered for taking decision related with this clause.



## 5. ACADEMIC CALENDER

The Institute academic activities are regulated by Academic Calendar approved by the AC / ASC, and released at the beginning of each academic year. It is mandatory for Students and Faculty to strictly adhere to the academic calendar for completion of academic and related activities.

- i. The Academic Calendar shall be prepared by Dean Academics and approved by the AC / ASC.
- ii. The AC sets a definite time schedule for various academic activities, through an Academic Calendar issued and notified to all stakeholders at the beginning of each academic year.
- iii. The Academic Calendar shall be disseminated on the notice boards and website of the Institute.
- iv. The academic activities of the institute shall be monitored as per the academic calendar.
- v. Academic Calendar shall incorporate schedule of admissions, course registration, course delivery, examination/evaluation, course feedback, course/graduate exit survey, meeting schedules and student internship.
- vi. The curriculum shall be typically delivered in two semesters in an Academic Year. Each semester shall be of 20 weeks duration, including evaluation, grade moderation and result declaration. The Academic semester shall provide at least 90 instructional days.
- vii. All co-curricular and extra-curricular activities shall be scheduled so as not to interfere with the academic activities as stipulated in the academic calendar.
- viii. The non-conduct of academics on any particular teaching day for what so ever reason shall be made up on a suitable day by following the particular class time table of that teaching day which was so lost.



## 6. SEMESTER REGISTRATION, ATTENDANCE, TEMPORARY BREAK AND TERMINATION

### 6.1 Semester Registration:

- i. Every student has to register for courses at the beginning of every semester as per the notification issued by the institute and prescribed dates in the Academic Calendar. The Institute shall notify the process of registration well in advance to the stakeholders.
- ii. On joining the Institute, an Orientation programme is arranged for the students. The PG Coordinator and team of Course Teachers address and guide the students. The students are further advised to discuss with the PG Coordinator for any queries related to the nature of courses, for which he / she can register during the semester, as given in the curriculum, within the framework of guidelines approved by the AC.
- iii. In case of any delay in registration of courses, due to unforeseen reasons, the student shall take prior approval from the Dean Academics, well in advance indicating the reason for delay in registration. However, for such students the attendance shall be calculated from the date of commencement of the semester and not from the date of joining.
- iv. Only those students shall be permitted to register for a course who have:
  - a. Cleared all dues of the Institute, Hostel and Library including fine if any of the previous semester.
  - b. Sufficient credits (60%) earned during the last Academic Year.
  - c. Not been debarred from registration of courses on any other specific ground.
- v. If a student does not register in a prescribed schedule, notified by the institute, his / her admission shall stand cancelled in the respective semester. Parents are advised to take a note.
- vi. Students are not permitted to re-register for course/(s), which they have already passed.

### 6.2 Attendance Requirement:

The Institute expects all PG students to attend 100% lectures. However, a shortfall of not more than 25% lectures may be condoned, if the shortfall is caused by valid reasons and supported by appropriate evidence, such as personal illness or death in the family. Student shall note that, academics should not be missed without valid reasons, and the number of sessions missed due to valid reasons cannot exceed 25%.

- i. Each semester is considered as a unit and the candidate has to put in a minimum attendance of 75% in each course with a provision for consideration of 15% of the attendance by the Director, for reasons such as serious medical condition or representing the Institute /University / State / Nation in sports, cultural, technical or academic activity/ Competitive exams with the permission of the Institute authorities.



- ii. The students representing the institution at University, National and International level, the attendance will be marked as present for such cases. However, prior permission must be obtained from the HOD and relevant documents must be submitted upon completion of the activity.
- iii. The student who has not attended minimum 75% of all conducted classes like Lectures, Tutorials, Laboratories, Workshops etc. shall be declared as Detained and shall not be permitted to attend the SA and Practical/Oral/Seminar exams.
- iv. The basis for the calculation of the attendance shall be the period prescribed by the Institution through its Academic Calendar. For late admission / transfer of students from other institutes /universities, the date of admission would be considered for the calculation of attendance (this rule does not apply to higher semesters).

### **6.3. Temporary Semester Break of Study from the Programme:**

- i. A candidate is normally not permitted to break the study. However, if a candidate intends to temporarily discontinue the program in the middle for valid reasons such as entrepreneurship, incubation, start-ups, internships leading to placement, foreign university opportunities, research opportunities etc. and wants to rejoin the programme later in respective semester, he / she shall apply to the Director, well in advance. Such application shall be submitted within at least 6 weeks of the commencement of the semester or from the date he/she has attended the classes, whichever is later, stating fully the reason for such a withdrawal, together with supporting documents and endorsement of his/her parents/guardians through the Head of the Department.
- ii. The institute shall examine such an application and if it finds the case to be genuine, it may permit the student to temporarily withdraw from the program. Such permission is accorded only to those
  - a) who have the possibility to complete the prescribed program requirements within the time limits specified by the programme.
  - b) who do not have any outstanding dues /demand at the Institute / University level including tuition fees, any other fees library materials etc.
- iii. The candidate has to rejoin the semester after the break from the commencement of the respective semester as and when it is offered.
- iv. The total period for completion of the programme is consider from the commencement of the semester to which the candidate was first admitted and shall not exceed the maximum period prescribed for the respective programme. The



maximum period includes the break period. (should it be mentioned 2+2)

- v. Normally, a student will be entitled to avail of the temporary break facility only once for maximum period of one year during his/her studentship of the programme. Hence, the student shall take the advice of the Director to use the above provision only in exceptional cases.

#### **6.4. Termination from the Programme:**

A student shall be terminated from the programme in the following cases:

- i. Involved in ragging and involved in any illegal activity as per law defined by the governing authorities.
- ii. Successive failures in first Year: On failure to get admitted in third semester after three successive academic years from the date of admission, he / she shall be declared as Not Fit for Technical Education (NFTE). Such students shall be permitted for only one year to continue the education in the institute provided the permission is accorded by AC. Director shall be authorized to terminate the student from the program. (to check)
- iii. Not completing programme in prescribed period: Students shall have to complete M. Tech. programme in maximum period of 4 years (8 semesters) from the date of first admission. However, genuine cases with proper justification may be referred to BoS/Dean Academics/Director for extending programme completion period and decision will be taken based on rules and guidelines of professional statutory bodies. Students who are not able to complete the programme in stipulated period will be declared as Failed to Complete Technical Education (FCTE).
- iv. Under following circumstances student admission may be terminated from the programme if;
  - a. Student misbehaves with faculty or staff.
  - b. Remain absent without any information for a period of one year.
  - c. Could not complete the program in maximum stipulated time period.
- v. In case of termination student has to pay any dues applicable for availing leaving certificate.



## 7. CURRICULUM

There shall be a prescribed course structure for each of the academic programmes and in general terms it shall be known as the curriculum of courses of study. The curriculum prescribes all the courses of study semester-wise with credits, assigned teaching/contact hours, evaluation scheme and minimum requirements for the award of degree. The curriculum revisions/reforms/revamping shall be a continuous process governed by outcome-based education, choice-based credit system and AICTE model curriculum.

**7.1 Credit System:** The primary purpose of the credit system is continuous evaluation of student's performance which is measured by the number of credits the students has earned. Typically, credit measures the quantum of work involved in a course. The CGPA & SGPA is calculated based on the course credits and grades obtained by students. A minimum number of earned credits and minimum CGPA should be acquired in order to qualify for the degree.

**7.2 Components of curriculum:** The curriculum offerings include various course types as mentioned in Table 7.1. The curriculum design shall be in line with the out-come based education and model Postgraduate curriculum proposed by AICTE, New Delhi. The components of curriculum are given in Table 7.1.

Table 7.1: Curriculum Components.

S No	Course Code	*Component of Curriculum
1	PCC	Program Core Course
2	PEC	Program Elective Course (Specialization)
3	ELC	Experiential Learning Course (Project, Mini Projects, Internship, Massive Online Open Course (MOOC), Seminar, Research Paper Writing / Review Paper Writing, Research Internship)
4	AEC	Ability Enhancement Course
5	VSEC	Vocational and Skill Enhancement Course (Skill Development Courses)
6	OEC	Open Elective Course
7	PROJ	Projects, Mini Projects
8	INTR	Internship
9	HSMC	Humanities, Social and Management Science
10	AUDIT	Audit Course
11	MOOC	Massive Online Open Course
12	SEM	Seminar

\*As specified in respective Syllabus



- i. Curriculum shall have credit and audit courses. The structure of curriculum for a programme and course syllabi shall be approved by AC on recommendation of respective BOS.
- ii. The entire curriculum is spanned over four semesters and has total 80 credits. The exact number of credits required is mentioned in the curriculum structure for the respective programme. The total number of credits in a semester in which a student shall register is 20.
- iii. Curriculum is balanced with offerings such as Program Core, Program
- iv. Electives, On Job Training Internship, Project/ Dissertation, Seminar, Mini Project etc.

7.3 A typical credit structures for various courses with various combinations of theory/tutorial and Laboratory/Project/Seminar/Mini Project hours are given in Table 7.2.

Table 7.2: Assigned credits for various types of courses

Hours per week per student for engagement for		Credits Assigned
Theory	Laboratory/Project/Seminar	Total
1	0	1
0	2	1
0	4	2
1	2	2
3	0	3
2	2	3
3	2	4
4	0	4
2	4	4
Credit = Theory hours + 0.5 (Laboratory hours)		

A student can earn credits for a particular course by fulfilling the minimum academic requirements of attendance, assessment and evaluation. No credits shall be awarded if a student satisfies the minimum attendance requirements but fails to meet minimum assessment and evaluation requirements.

7.4 A typical description of the programme curriculum shall consists of course title, course code, teaching hours per week for lecture/ tutorial/practical's, credit allotment, pre-requisites, text books, reference books, objectives & outcomes with relevant Blooms taxonomy levels, programme outcomes, programme specific outcomes, assessment scheme etc.

## 7.5 Project work/Dissertation

- i. Project duration shall be one year or two semesters. Thesis supervisor(s) for a student will be appointed from amongst the faculty members of the PCCoE. In case of students undertaking an Industrial project, there shall be a co-supervisor nominated by the Industry. A certificate signed by the Industry and academic supervisor will need to be submitted as a proof of fruitful completion of the project.
- ii. Departments will evolve modalities for appointing of supervisors keeping in view the students aspirations and faculty interest.
- iii. Thesis can be submitted to the examination section only after recommendation of Departmental Review Committee (DRC) and Research Review Committee (RRC).
- iv. Terms and conditions for project acceptance will be specified by the BOS of the specific department.
- v. No change/addition of Supervisor(s) is allowed after the thesis has been submitted to the examination section.

7.6 The details of the programme structure & course details shall be published on institute website <https://www.pccoepune.com>



## 8. EXAMINATION AND EVALUATION:

- i. There shall be continuous evaluation of students. This system will have following objectives:
  - a) To get insights regarding student performance/abilities which helps to identify learning needs and take necessary actions for possible improvement.
  - b) To give feedback to the student about his level of understanding and abilities as per required graduate attributes (GAs) / POs.
  - c) To allow student to demonstrate their competence which they will practice in their professional career.
  - d) To award students grades based on their performance and abilities.
- ii. Evaluation processes shall ensure outcome-based education adopted by the institute. All assessment methods will ensure constructive alignment of curriculum with intended outcomes.
- iii. There shall be Formative and Summative Assessment of students as a part of evaluation to award grades. All assessment of Theory, Practical, Project, Seminar and internship, MOOC, Dissertation shall be conducted to evaluate GAs essential to meet need of engineering graduates at national as well as international level. Appropriate weightages given to these evaluation methods will ensure quality of assessment and evaluation.
- iv. Evaluation scheme based on type of course with weightage is mentioned in Table 8.1.

Table 8.1: Scheme of evaluation for courses prescribed in curriculum with weightages

Sr. No.	Type of course	Method of Formative/Internal Assessment	Formative / Internal Assessment Weightage (%)	Method of Summative / Exteranal Assessment	Summative / Exteranal Weightage (%)	Total
1	Programme core/Programme Elective Course	Assignment/ case study/ Quiz/Poster presentation/ Seminar presentation/ Open book test etc.	40 * (20 + 20)	For 3 and 4 credit courses Summative Evaluation (SA) of 60 and for 2 credit course SA will be of 30 marks based on 100% syllabus shall be conducted.	60	100
2	Laboratory	Oral/practical examination	50*	Oral/ practical examination	50*	100
3	Major Project* TW	Project Reviews (Minimum 3) Rubric based Evaluation	100*	-	-	100

4	Major Project* OR	-	-	Viva voce	100*	100
5	Internship*	Rubrics based evaluations along with report.	100*	NA	-	100
6	Seminar*	Two rubric based reviews along with report	50*	Report evaluation by external	30*	100
				Oral	20*	
7	MOOCs courses*	Based on submission of assignment and performance	50*	MOOCs report (Notes) and overall performance	20*	100
				Certification	30*	
8	Skill courses Experiential Learning/ Liberal Learning courses	Hands on/Practical test, Live projects, Assignment/case study/Quiz/Poster presentation/Seminar presentation/Open book test/ Class test etc.	100*	If needed as per the demand of course	-	100

\* As specified in programme curriculum.

### 8.5 Formative Assessment:

Formative Assessment shall be done continuously by faculty over a span of semester. Structured Evaluation is proposed for all programmes with appropriate schedule in academic calendar as follows:

#### 8.5.1 Formative Assessment (FA) Theory courses:

The FA for programme core/elective specialization, shall be conducted at department level. FA shall consist of two evaluation instances. FA 1 and FA 2 methodology shall be proposed by course faculty and approved by the HOD. The FA for other type of courses shall be based on feasibility & need of Evaluation.

#### 8.5.2. Internal Assessment of Laboratory Term work:

Continuous evaluation of each experiment/assignment shall be done throughout the semester which will be collated as the termwork at the end of each semester. The Evaluation in a laboratory course will be based on number of practicals/assignments, wherein equal weightage shall be given to

- i. Attendance and participation in laboratory work
- ii. Performance in Evaluation of understanding through viva-voce, group discussions, quiz etc.
- iii. The quality of work as prescribed by course instructor.
- iv. Report through laboratory journals.

It is mandatory to maintain and submit laboratory journal as prescribed by the course instructor before term end.

It is mandatory for the student to complete all the experiments/assignments as specified in course curriculum for the grant of term work. Student shall not be allowed to appear for oral examination if he/she has not submitted the term work.

Term work marks assigned for special courses such as mini project shall be evaluated based on parameters proposed by respective program and duly approved by Dean Academics.

### 8.5.3. Internal Assessment of Mini-project/ Project/Seminar/Dissertation/Internship/OJT:

Minimum three internal reviews for project/mini-project and two internal reviews for seminar and internship shall be conducted. Student shall be evaluated as per the rubric defined for these reviews. The marks of these reviews will be collated as a term work with 50% weightage in total evaluation.

- OR as applicable to the program approved by BoS.

## 8.6 Summative Assessment:

### 8.6.1. Theory Evaluation:

**Summative Assessment (SA):** Summative examination at the end of semester shall be conducted for Summative Assessment. This Summative Assessment (SA) of (60) Marks for 3 credit courses and of 30 marks for 2 credit courses shall be conducted at institute level.

**Re-examination:** Re-examination shall be conducted after declaration of main examination result for students with failed/acquired transitional grade as per rules and regulations. Students need to pay additional examination fees for such re-examination. A Re-SA examination shall be provided for those students who are having satisfactory attendance (Minimum 75%), course-wise, but remained absent for the SA due to a valid/unavoidable circumstance, like:

- a) Students, who have sought due prior permission from concerned HOD and Director through proper channel, and there after permitted by the institute for taking part in important curricular/ co-curricular/ extra-curricular activities like NSS/Sports/Cultural/Project Competitions/Paper presentation/Competitive Exams etc. at University/ State/ National/ International levels. After such an event, at the time of reporting to the institute, the student must submit the proof of participation/ certificate from the competent authority for approval of the prior leave request. The prior leave request shall be converted to official leave and an endorsement will be issued by the institute.
- b) Students seeking prior leave on account of:
  - 1) Accident or severe illness leading to hospitalization, which disables the student from writing the examination.
  - 2) A calamity in the family (first relation Only-Parents, Grandparents and Siblings) barring the student from writing the examination.

In the event of (i) and (ii) above, it is mandatory on the part of student/parent to inform the respective departmental authorities (PG Coordinator/HOD) immediately through email or mobile message and submit a prior leave request. If the information reaches the PG



Coordinator first, it is the responsibility of the PG Coordinator to immediately intimate the HOD and record the same in the examination report without fail. After such an event at the time of reporting to the institute, the student must submit all the relevant reports/certificates from the competent authority for approval of the prior leave request. The prior leave request will then be converted to official leave and an endorsement will be issued by the institute, based on which the student becomes eligible for the Re-SA examination. Any intimation after the completion of regular examination and/or Non-submission of report/certificate will be construed as absent for the examination and the student will be awarded ZERO marks in the respective examination. No further requests will be entertained in this regard.

The Re-SA examination shall not to be treated as an improvement examination.

### 8.6.2 Practical Evaluation

Practical/Oral examinations by the internal and external examiners will be conducted at the end of each semester as per the schedule in the academic calendar.

- i. Final examination for laboratory courses will normally be held in last week of conclusion of teaching as per academic calendar.
- ii. These oral/practical examinations will be conducted in the presence of external examiner appointed by competent authority.
- iii. Weightage for evaluation by internal and external examiner shall be considered by BoS / module coordinator as per syllabus. In case of absence from oral/practical examination, the same rules as those for theory courses are applicable.
- iv. Re-examination for practical/oral examinations shall be conducted before reexamination of theory courses.

### 8.6.3 Project Evaluation:

- i. Project evaluation shall be done in two phases in both the semesters. The modalities of evaluation of project will be conducted as specified in Table 8.1
- ii. There will be separate grades awarded for the project course in two semesters.
- iii. Evaluation of Dissertation Stage – I shall be based on the literature survey, problem definition, problem formulation, mathematical modelling and preliminary simulation results.
- iv. A report is required to be submitted at the end of semester. The evaluation and grading will depend on the candidate's performance in the three phases of evaluation in the semester.
- v. The second semester of the project i.e., Dissertation Stage – II shall carry relatively more weightage and the evaluation shall involve external examiners.
- vi. In Dissertation Stage – II, the student shall complete the remaining part of the project which will consist of the fabrication of set up/implementation of the proposed idea, conducting experimental runs and noting observations of test runs, analysis & validation of results and conclusions.



## 9. EXAMINATION RULES AND REGULATION

### 9.1 Credit courses:

Based on the Evaluation student will be awarded letter grades after combining performance of all (FA+SA) evaluations for the respective course. These letter grades will be derived from quantitative and qualitative evaluation converted into 10- point scale called as grade point for credit courses.

### 9.2 Noncredit Courses:

Apart from credit courses, Noncredit courses will be awarded letter grades as PP (Pass) and NP (Not Pass) based on quantitative and qualitative Evaluation.

In addition to above letter grades students will be awarded dual letter grades in specific circumstances mentioned in rules and regulations for passing, A.T.K.T, award of class.

### 9.3 Passing, A.T.K.T. and award of class

#### 9.3.1 Rules of Passing

##### 1. Term wok/Practical/Oral

To pass the Termwork / Practical / Oral the student has to earn minimum of 40% marks in each head.

##### 2. Theory subject head

- i. To pass the Theory Subject head the student must earn minimum of 40 percent marks in Summative Assessment and 40 percent of total marks (FA + SA).
  - ii. The failing student can repeat the Summative Assessment to pass the head in same semester and the FA marks will be retained as it is. However, grades earned in re-examination shall be marked with \*(asterisk) except for transitional grades II and XX.
  - iii. Student who failed in reexamination can repeat the Formative Assessment to pass the head in the consecutive semester.
3. To earn credits of a course (Theory/term work/practical/oral/presentation) student must pass the course with minimum passing marks/grade.
  4. A student will be awarded the Master's degree if he/she earns 80 credits (Regulations 2024) / 68 credits (previous regulations) as per the structure defined by the programme and clears all the audit and noncredit courses specified in the curriculum.

#### 9.3.2 Rules of A.T.K.T.:

- i. A student can register for the third semester if he/she earns minimum 60 % credits of the total of first and second semesters.

## 10. PERFORMANCE INDICES SGPA & CGPA

### 10.1 Grading and Evaluation:

Based on the Examination and evaluation, student will be awarded letter grades after combining performance of all Evaluations for the respective course. These letter grades will be derived from quantitative and qualitative Evaluation converted into 10-point scale called as grade point for credit courses. The performance with relative grade points and equivalent letter grades will be as mentioned in Table 10.1.

Table 10.1 Performance with grade points and equivalent letter grades

Performance (%)	Grade Point	Letter Grade
$90 \leq (\text{Performance}) \leq 100$	10	O (Outstanding)
$80 \leq (\text{Performance}) \leq 89$	9	A+ (Excellent)
$70 \leq (\text{Performance}) \leq 79$	8	A (Very Good)
$60 \leq (\text{Performance}) \leq 69$	7	B+ (Good)
$50 \leq (\text{Performance}) \leq 59$	6	B (Above Average)
$45 \leq (\text{Performance}) \leq 49$	5	C (Average)
$40 \leq (\text{Performance}) \leq 44$	4	P (Pass)
$(\text{Performance}) < 40$	0	F (Fail)
Nil	0	Ab (Absent)

**Note:** Apart from credit courses, Noncredit courses will be awarded with letter grades based on quantitative and qualitative Evaluation as PP (Pass) and NP (Not Passed).

**Grades in special circumstances:** In addition to above letter grades students will be awarded dual letter grades in specific circumstances as mentioned in Table 10.2.

Table 10.2 Grades in special circumstances

Reason	Letter Grade
Satisfactory performance in FA but absent in SA due to valid reason (Incomplete due to Illness)	II
Very good performance in FA (more than or equal to 80%) but poor performance in SA leading to fail (FF) overall grade	XX

**Note:** “II” and “XX” are transitional grades awarded which will be converted to actual grades earned in re-examination else will automatically get converted in to “F” grade. Student can avail benefit of these grades only once during the span of the whole programme.

### 10.2 Calculation of SGPA and CGPA:

Based on the grade points earned by the students, performance of student in each semester will be calculated as semester grade point average (SGPA) as follows:

$$SGPA = \frac{\sum_{i=1}^n \text{Grade points earned} \times \text{Credits of each course}}{\text{Total credits in a semester}}$$

For Example: suppose in a given semester a student has registered for five courses having credits C1, C2, C3, C4, C5 and his / her grade points in those courses are G1, G2, G3, G4, G5 respectively. Then student's SGPA will be

$$SGPA = \frac{\sum_{i=1}^5 C1G1 + C2G2 + C3G3 + C4G4 + C5G5}{C1 + C2 + C3 + C4 + C5}$$

At the end of each academic year cumulative grade point average will be calculated based on the grade points obtained in all the courses (Theory/term work/practical/oral) of first semester to second semester for the students admitted in the First year and third to fourth semesters for the students directly admitted at Second year. It is calculated in the same manner as the SGPA. The class shall be awarded to a student on the CGPA calculated as mentioned in Table 10.3.

Table 10.3 Class of Degree

Sr. No.	CGPA	Class of the degree awarded
1	7.75 or More than 7.75	First class with distinction
2	6.75 or more but less than 7.75	First class
3	6.25 or more but less than 6.75	Higher second class
4	5.50 or more but less than 6.25	Second class
5	4 .00 or more but less than 5.50	Pass class

## 11. SEMESTER GRADE REPORT

A grade report in the form of grade card shall be issued to students at the end of each semester.

The grade card shall include the following;

- i. The list of courses registered for an academic year along with credits.
- ii. The letter grade obtained in each course.
- iii. The total number of credits earned by a student.
- iv. SGPA, CGPA Details
- v. Examination details
  - a. Grading System, calculation of performance indices and conversion of CGPA to equivalent percentage shall be provided on the back page of grade card.
  - b. Grade cards shall be used to prepare transcripts of the student.

## 12. AWARD OF THE DEGREE

A student shall be eligible for the award of M. Tech. Degree from the institute & SPPU University if the student has :

- i. Obtained eligibility certificate from University.
- ii. Registered & passed all the prescribed courses & earned minimum credit requirement for the said degree.
- iii. Obtained  $CGPA \geq 4.00$
- iv. Paid all the institute dues and satisfied all the requirements prescribed
- v. No case of indiscipline pending against him/her.

The Academic Council (AC) shall recommend the list of all eligible students to SPPU for award of M. Tech. Degree.



## 13. DISCIPLINE & CONDUCT

**13.1** Every admitted student shall be issued photo identification (ID) card which must be retained by the student while he/she is registered at PCCoE. The student must have valid ID card with him/her while in the institute.

**13.2** Discipline & Conduct:

Any act of misconduct committed by a student inside or outside the campus shall be an act of violation of discipline of the institute. Violations of the discipline shall include:

- i. Disruption of teaching, examination, administrative work, curricular or extra-curricular activity, and any act likely to cause such disruption.
- ii. Refusing to provide an identity card when demanded by any institute authority.
- iii. Damaging or defacing the property inside or outside the institute campus.
- iv. Engaging in any attempt at wrongful confinement of teachers, offices, employees and students of the institute.
- v. Use of abusive and derogatory slogans or intimidatory language or incitement of hatred and violence.
- vi. Ragging in any form ("Ragging" means causing, inducing, compelling or forcing a student, whether by way of a practical joke or otherwise, to do any act which detracts from human dignity or violates his person or exposes him to ridicule or to forbear from doing any lawful act, by intimidating, wrongfully restraining, wrongfully confining or injuring him or by using criminal force to him or by holding out to him any threat of such intimidation, wrongful restraint, wrongful confinement, injury or the use of criminal offence. Supreme Court of India has defined ragging as a criminal offence.)
- vii. Eve teasing or disrespectful behavior to women or girls students.
- viii. An assault upon, or intimidation of, or insulting behavior towards a teacher, officer, employee or student or any other person.
- ix. Getting enrolled in more than one programme course of study simultaneously.
- x. Committing forgery, tampering with documents or records, identity cards, furnishing false certificate or false information.
- xi. Organizing instant agitation/meetings without prior permission in the campus.
- xii. Viewing/downloading obscene information/data, images and executable files, sending obscene mails/ messages via facebook / tweeter/other social sites using institute servers.
- xiii. Sharing the login and passwords & other details of IT facilities provided to other students/outsideers.
- xiv. Consuming or possessing alcoholic drinks, dangerous drugs or other intoxicants in the institute campus.
- xv. Possessing or using any weapons and fire arms in the institute campus.





- xvi. Unauthorized occupation of hostel, Accommodating guests or other persons in hostels without permission.
- xvii. Malpractice in examination.
- xviii. Indulging in anti-national activities contrary to the provisions of acts and laws enforced by Government.
- xix. Any other act which may be considered by the Director or the Discipline Committee to be an act of violation of discipline.

### 13.3

Any act of indiscipline of a student reported to Director/Concerned authority shall be referred to Grievance Redressal and Disciplinary Committee (GRDC) of the institute. The Committee shall enquire into the charges and recommend suitable punishment if the charges are substantiated. The penalties/punishment/actions may include:

- i. Written warning and information to the parents/guardian.
- ii. Imposition of fine ranging from Rs.500/- up to Rs.5000/-.
- iii. Suspension from the institute /Hostel/Mess/Library/or availing of any other facility.
- iv. Suspension or cancellation of scholarships/fellowship or any financial assistance from any source.
- v. Recover of loss caused to institute property.
- vi. Debarring from participation in sports/NSS/student club.
- vii. Disqualifying from holding any representative position in the Class/institute / Hostel / Mess/Sports/ Clubs and in similar other bodies.
- viii. Disqualifying from appearing in placement and receiving any awards.
- ix. Expulsion from the Hostel/Mess/Library/Club/institute for a specified period by forfeiting fees.
- x. Debarring from an examination.
- xi. Action as per Maharashtra anti-ragging act 1999.

**13.4** If a student is found guilty of malpractice in examinations then he/she shall be punished as per the recommendations of the grievance redressal and malpractice handling CRC constituted by BOE. The CRC committee shall inquire and decide the punishment by following the guidelines for imposing punishment on examinee/s/others involved in unfair means. However, depending on the situation, committee may quantify the severity of the punishment which may include:

- i. Cancellation of the performance of the student in the course/s in which he/she was involved in malpractice.
- ii. Cancellation of the performance in that examination for all the courses.
- iii. Expulsion/termination from the institute if repeatedly involved.
- iv. Stoppage of scholarships/stipend.
- v. Issuing warning.





- vi. Debarring from the examinations for a specified period.

Student/s involved in act of indiscipline/malpractice in examination shall be issued notice asking him/her asked to be present before the respective committee (CRC) on the day at specified time and venue with his/her parents/guardian. He/she shall give written reply/oral explanation to the charges leveled against him/her for consideration. If the implicated student/s fails to appear before the committee, then decision shall be taken in absentia, based on available evidence/documents, which shall be binding on the concerned student.

### 13.5 Conduct during Examination:

#### i. Timing:

- a) The students are required to be present outside the examination hall exactly 20 minutes before the start of the examination.
- b) Students will only be allowed to enter the examination hall 15 minutes prior to commencing the examination.
- c) The students will not be allowed to appear in the examination if they reach the examination centre 30 minutes after commencement of examination.
- d) No student can leave for 30 minutes after the commencement of the examination.
- e) Students are not permitted to leave the examination hall during the last 10 minutes.
- f) Students are responsible for keeping themselves informed about exam dates, as well as the time and place of the examination.
- g) Differently abled students will be given additional time of 20 minutes/ hour of examination.

#### ii. Identity check-up:

- a) Students will not be allowed into the examination hall without presenting an appropriate photo identity card, Hall ticket issued by the Institute.
- b) Invigilators are responsible to ensure full compliance with such requirement.
- c) If a student forgets his/her Institute Identity Card, the driving license/ other photo identity card will be accepted in place subject to verification by the concerned teacher/ examination coordinator/ head of department concerned.

#### iii. Breaks:

- a) Breaks for visits to bathroom may be taken only after permission from the invigilator and under the condition that the invigilator's instructions given on the occasion are followed.
- b) If a student falls ill during the examination and is unable to complete the examination, the concerned student should alert the invigilator and senior supervisor in consultation with concerned head of department may make suitable arrangement for proper medical attention.



- c) No student shall re-enter the examination hall after leaving it unless he/she was under approved supervision during the full period of absence.

**iv. Question papers and answer sheets:**

- a) During an ongoing examination student are not allowed to take the examination question paper outside the examination hall. After the examination, the student should personally submit his/her examination answer sheet to the invigilator.
- b) Even a blank answer sheet shall be handover to the invigilator.
- c) Each answer sheet should contain details as mentioned on front page.
- d) If there are any queries regarding the exam questions the students must ask the invigilators who will contact the course teacher through proper channel.

**v. Other materials:**

- a) Students should bring their own pencils, pens, erasers, rulers, non-programmable calculators, and any other tools required for the examination.
- b) Students are advised not to bring valuables for examination. Student shall keep their handbags, cases, outdoor clothes, etc. at identified location for the same. Students are responsible for the safe keeping of all personal belongings they bring to the examination hall. The Institute takes no responsibility for the loss or damage of such belongings.
- c) Pencil cases, mobile phones, dictionaries, electronic dictionaries, written or electronic media, digital media, or any other materials are not permitted/allowed into the examination hall, with the exception of devices used for assisting students with hearing visual or other physical difficulties.
- d) Exchange of pens, pencils, calculators, study material, etc. is not permitted.
- e) Calculators with more than one-line display or with alphanumeric display (programmable calculators) are not permitted into the examination hall unless specified in advance by the examiner. If the invigilator reasonably believes that a student is using a calculator that does not conform to the rules, he/she has the discretion to replace the calculator and a report on the matter will be made on the invigilator's declaration form.

**vi. Disturbance:**

- a) During the examination period, there must be no communications among students or between a student and an outsider via any means, such as phones. This rule applies to students in the examination hall and those on supervised breaks for visits to bathroom/s.
- b) No student shall leave his/her assigned seat without the permission of the invigilator. It is the invigilator's discretion to decide whether, there is enough reason to remove a student from the examination hall owing to disorderly conduct.




vii. **Miscellaneous:**

- a) The students must ensure before they leave the examination hall that they have signed the attendance sheet.
- b) The Students with medical problems will be provided Writer in the Examinations only subject to prior permission from the Dean (Academics). The documentary proof along with recommendations of concerned HOD will be required. All such cases will be dealt as per academic rules.
- c) If you suffer from language difficulties or any disabilities you can apply for an extension of the test time.
- d) Students are not allowed to wear a watch during the examination. All rooms will be fitted with clearly visible clocks on the wall.
- e) Cheating, and attempts at cheating, will immediately be reported to the Examination Office. Consequences of proven cheating or attempts at cheating will be dealt with separately by the malpractice and grievance handling committee.

#### 14. CONCLUSIONS

- i. The Academic, Examination & evaluation policies/regulations regarding conduct of postgraduate programme in PCCoE are published in this document. The academic council reserves the right to modify these policies/ regulations as& when required from the point of achieving academic excellence.
- ii. The rules for extracurricular, grace marks, condonation, amendment of results, unfair means resorted to by the students and punishments, physically challenged students will be governed by the ordinance approved in academic council. Provided further that this is concurrent with the rules and guidelines of professional statutory bodies such as AICTE, UGC and affiliating university SPPU etc.
- iii. Interpretation: Any question as to the interpretation of these Guidelines shall be decided by the institute head, whose decision shall be final and binding in the matter. The institute head shall also have the power to issue clarifications to remove any doubt, difficulty or anomaly, which may arise regarding the implementation of these Guidelines.
- iv. The decision of Director (Chairman, Academic council) shall be final and binding on all concerned i) for the cases not covered through this document; ii) in case of dispute, difference of opinion in interpretation of this regulation; and iii) emergent cases.

**These Academics, Examinations and Evaluation Guidelines are applicable for all years and all batches of PG Engineering programs under autonomy Regulations 2024 (aligned with NEP 2020) and Regulations 2020 commencing from the Academic Year 2024-25.**

  
**Dr. Govind N. Kulkarni**  
Director



**Vision:**

To be one of the top 100 Engineering Institutes of India in coming five years by offering exemplarily Ethical, Sustainable and Value Added Quality Education through a matching ecosystem for building successful careers.

**Mission:**

1. Serving the needs of the society at large through establishment of a state-of-art Engineering Institute
2. Imparting right Attitude, Skills, Knowledge for self-sustenance through Quality Education
3. Creating globally competent and Sensible engineers, researchers and entrepreneurs with an ability to think and act independently in demanding situations

**Quality Policy:**

“We at PCCOE are committed to offer exemplarily Ethical, Sustainable and Value Added Quality Education to satisfy the applicable requirements, needs and expectations of the Students and Stakeholders.

We shall strive for technical development of students by creating globally competent and sensible engineers, researchers and entrepreneurs through Quality Education.

We are committed for Institutes’ social responsibilities and managing Intellectual property.

We shall achieve this by establishing and strengthening state-of-the-art Engineering Institute through continual improvement in effective implementation of Educational Organizations Management Systems (EOMS).”

For any difficulty in understanding rules and regulations, please write to:

- [deanacademics@pccoepune.org](mailto:deanacademics@pccoepune.org)
- [director@pccoepune.org](mailto:director@pccoepune.org)
- [pccoeadmin@gmail.com](mailto:pccoeadmin@gmail.com)