



AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

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

Amrutnagar, Ghulewadi – Sangamner, Pincode - 422608

Tal.: Sangamner, Dist.: Ahilyanagar

Rules and Regulations

For Undergraduate (B. Tech.) Engineering Programmes

Part – I : Academic rules & regulations

Part – II : Examination rules & regulations

With effect from Academic Year 2025–26




Autonomy Coordinator
Amrutvahini College of Engineering, Amrutnagar
Sangamner-422608




Chairman
Academic Council
Amrutvahini College of Engineering, Amrutnagar
Sangamner-422608

Preface

The introduction of an autonomous curriculum framework for the First Year B. Tech. programme marks a significant step in the Institute's academic evolution. Framed in line with the National Education Policy (NEP) 2020 and anchored in Outcome-Based Education, the curriculum is designed to give incoming students a firm grounding in basic sciences, engineering fundamentals, and cross-disciplinary learning, while introducing them to the breadth of engineering practice across civil, mechanical, electrical, electronics, and computing disciplines.

Consistent with NEP 2020, the curriculum builds in skill-oriented and experiential learning through laboratory work, vocational and skill-enhancement courses, co-curricular engagement, and foreign-language exposure, with the aim of cultivating creativity, critical thinking, and practical competence alongside conventional classroom instruction.

Courses in Professional Communication, Indian Knowledge Systems, Ethics, and Emerging Technologies have been included to support the all-round development of students — strengthening technical grounding while building social awareness, environmental consciousness, and ethical judgement, and preparing graduates for careers shaped by digital and emerging technologies.

The overarching aim of the curriculum is the holistic development of students across academic, professional, physical, and ethical dimensions, so that graduates emerge as capable and responsible engineers equipped to serve society. The Institute remains committed to widening access to quality engineering education, particularly for students from rural backgrounds, and to preparing them to compete on a global stage.

The Institute records its appreciation of the Chairpersons and members of the various Boards of Studies, faculty, academic experts, and industry representatives whose contributions shaped this curriculum. It is intended to serve as a working reference for students, faculty, and all other stakeholders in pursuit of the flexible, learner-centred education envisioned under NEP 2020.

Dr. P. R. Baviskar

Principal

Amrutvahini College of Engineering, Sangamner



TABLE OF CONTENTS

PART-I : Academic Rules & Regulations

1. Definitions	16
2. Introduction.....	17
3. Organisation Structure and Academic Departments.....	18
3.1 The Academic Council (AC).....	18
3.2 Board of Studies (BoS)	19
3.3 Finance Committee (FC).....	19
3.4 Board of Examinations & Evaluation (BoEE)	19
3.6 Programmes Offered.....	22
4. Admissions and Change of Branch.....	22
4.1 Modes of Admission.....	22
4.2 Change of Programme / Branch	23
4.3 Registration and Fees.....	23
4.4 Permanent Registration Number (PRN) / Enrolment Number	24
5. Academic Calendar	24
6. Academic Activities	25
6.1 Semester Registration	25
6.2 MDM Registration.....	25
6.3 Open Elective Registration	25
6.4. Honors Registration.....	26
6.5 Attendance Requirement.....	26
6.6 Temporary Break of Study.....	26
6.7 Detention.....	27
6.8 Termination from the Programme	27
6.9 Advanced Learners	28
7. Curriculum.....	28
7.1 Credit System	28
7.2 Components of Curriculum.....	29
7.3 Online (MOOC) Courses	30

PART-II : Examination Rules and Regulations

1. Examination Scheme	17
2. Monitoring of Evaluation.....	19
3. Method and Medium of Examination.....	19
4. Postponement of examinations under emergency circumstances	19
5: Rules of Passing	19
6. Academic Progression and A.T.K.T Rules (Promotion to Next Academic Year).....	20
7: Grading system.....	21
8. Repeat-examination	23
9. Guidelines for Scribes for Disabled Candidates (permanent or temporary disability) during Examinations.....	24
10. Guidelines against Unfair Means/Malpractices during Examinations	24
10.1 Guidelines against Unfair Means	24
10.2 Composition of MIC (Malpractice Investigation Committee).....	25
11. Verification and Reassessment of evaluated answer books.....	27
12. Semester Grade Report	28
13. Results Withheld and their Declaration	30
14: Eligibility for Award of Degree	30
15. Performance (CGPA) Improvement Scheme.....	31
15. Conversion Formula for Grades to Percentage of Marks	32
16. Disposal of Answer Sheets.....	32
17. Honors/Double Minors Degree in Emerging Areas: Academics	32
18. Honors/Double Minors Degree: Examination.....	36
19. Interpretation of Regulations.....	38
20. Emergent Cases	38
21. Power to Modify.....	38
22. Revision of Regulations, Curriculum	38
23. Ordinances.....	38

Part – I

Academic Rules and Regulations

1. Definitions

For the purpose of these Rules and Regulations, unless the context otherwise requires, the following expressions shall carry the meanings assigned to them below:

1. “Institute” refers to Amrutvahini College of Engineering (AVCOE), Sangamner. Dist. Ahilyanagar, Maharashtra, India - 422608.
2. “University” refers to Savitribai Phule Pune University (SPPU), Pune, to which the Institute is affiliated.
3. “Bachelor of Technology (B. Tech.)” refers to the undergraduate engineering degree conferred by the University.
4. “Semester” refers to a defined span of time during which a distinct set of academic activities is conducted.
5. “Course” refers to any theory, laboratory, seminar, project, mini-project, or tutorial component that forms part of a programme of study.
6. “Course Credit” refers to the numerical weightage assigned to a course in proportion to the instructional effort it demands.
7. “Course Teacher” refers to the faculty member entrusted with delivering and assessing a particular course.
8. “Grade” refers to the letter symbol used to denote a student’s level of performance in a course.
9. “GB” refers to the Governing Body of the Institute.
10. “Academic Council (AC)” refers to the highest academic authority of the Institute, responsible for governing academic programmes and policy.
11. “Board of Studies (BOS)” refers to the departmental academic body entrusted with matters concerning both undergraduate and postgraduate programmes.
12. “Board of Examinations (BOE)” refers to the apex examination authority responsible for the conduct of examinations and for framing and implementing examination-related regulations approved by the Academic Council.
13. “Grievance Redressal Committee (GRC)” refers to the committee constituted by the Director to address matters of student and staff grievance.
14. “Malpractice Investigation Committee (MIC)” refers to the committee constituted by the Director to examine instances of unfair means or malpractice in examinations.
15. “Department Advisory Committee (DAC)” refers to the departmental advisory body common to the undergraduate and postgraduate programmes of that department.
16. “Academic Standing Committee (ASC)” refers to the body next in authority to the Academic Council, empowered to decide urgent academic matters subject to subsequent ratification by the Academic Council.
17. “Semester Grade Point Average (SGPA)” refers to the credit-weighted average of the grade points secured by a student in a given semester.

SeB

R. G. G. G. G.

18. "Cumulative Grade Point Average (CGPA)" refers to the credit-weighted average of the grade points secured by a student across all semesters completed to date.
19. "Allowed to Keep Term (ATKT)" refers to provisional permission granted to a student to proceed to a higher class upon meeting the minimum prescribed credit threshold.
20. "Academic Rules and Regulations (AR&R)" refers to this compilation of rules governing the academics of the Institute.
21. "COE" refers to the Controller of Examinations.
22. "CCE" refers to Continuous Comprehensive evaluation.
23. "ESE" refers to End SEM Examination.
24. "DTE" refers to the Directorate of Technical Education, Government of Maharashtra, Mumbai.
25. "AICTE" refers to the All India Council for Technical Education, New Delhi.
26. "UGC" refers to the University Grants Commission.
27. "NEP" refers to the National Education Policy.
28. "NBA" refers to the National Board of Accreditation.
29. "NAAC" refers to the National Assessment and Accreditation Council, Bengaluru.

2. Introduction

1. English shall be the medium of instruction for every programme, except where a course is expressly designated for delivery in a Regional Language.
2. The Institute follows a semester system of academic administration for S.Y., T.Y. and Final Year. Odd Semesters ordinarily commence in the month of July, and Even Semesters in the month of January.
3. The commencement of the first semester of the B. Tech. programme is governed by the admission schedule notified by the DTE, Government of Maharashtra, and Even Semesters in the month of January.
4. Every Undergraduate Programme extends over eight semesters and carries a 160 to 176 credits, Subjected to change (Augmentation / reduction) suggested by the apex regulatory authorities.
5. All Undergraduate Engineering Programmes offered by the Institute
6. An Academic Calendar is prepared and published ahead of the commencement of every academic year.
7. Evaluation norms are enforced to safeguard the quality of engineering education, and the examination system is administered transparently and in accordance with these Rules and Regulations at all times.
8. These Rules and Regulations may be amended by the Academic Council from time to time, on the recommendation of the concerned Board of Studies and the Board of Examinations. Amendments take effect from the date of approval.

SeB

R. G. G. G. G.

9. These Rules and Regulations bind all stakeholders — students, faculty, staff, departments, and administrators — and remain subject to periodic review and refinement.

3. Organisation Structure and Academic Departments

The Institute maintains a defined organizational structure and a network of academic committees to ensure the sound and consistent delivery of its B. Tech. programmes. The composition, functions, and operating norms of the principal academic bodies are set out below. [1]

3.1 The Academic Council (AC)

The Academic Council is the statutory and supreme authority governing all academic matters of the Institute. It is chaired by the Director, whose decisions on academic issues are final and binding on all stakeholders. The Council may constitute sub-committees as required.

Composition

1. The Director (Chairman)
2. All the Heads of Departments in the Autonomous College
3. Four teachers of the Autonomous College representing different categories of teaching staff by
4. rotation on the basis of seniority of service in the College.
5. Not less than four experts/academicians from outside the Autonomous College representing
6. such areas as Industry, Commerce, Law, Education, Medicine, Engineering, Sciences, etc., are
7. to be nominated by the Governing Body.
8. Three nominees of the University, not less than Professors.
9. The Controller of Examination of the Autonomous College
10. Autonomy Coordinator nominated by the Director, to serves as Member Secretary

Functions of Academic Council

- To scrutinize and approve the proposals with or without modification of the Board of Studies with regard to courses of study, academic regulations, curricula, syllabi and modifications thereof, instructional and evaluation arrangements, methods, procedures relevant thereto, etc., provided that where the Academic Council differs on any proposal, it shall have the right to return the matter for reconsideration to the Board of Studies concerned or reject it, after giving reasons to do so.
- To make regulations regarding the admission of students to different programmes of study in the Autonomous College, keeping in view the policy of the Government.
- To make regulations for sports, extra-curricular activities, and proper maintenance and functioning of the playgrounds and hostels.
- To recommend to the Governing Body proposals for the institution of new programmes of study.
- To recommend to the Governing Body institution of scholarships, studentships, fellowships, prizes, and medals, and to frame regulations for the award of the same.
- To advise the Governing Body on suggestions(s) pertaining to academic affairs.
- To perform such other functions as may be assigned by the Governing Body.

Term: The term of the nominated members shall be three years.

Meetings: Meetings of the Academic Council shall be held at least once every six months.

See

R. G. G. G. G.

3.2 Board of Studies (BoS)

The Board of Studies is the foundational academic body of each department and forms the basic constituent unit of the Institute's autonomous academic system.

Composition

- The Head of the concerned Department (Chairman)
- All faculty members
- Two subject experts external to the University, nominated by the Academic Council
- One expert nominated by the Vice-Chancellor from a panel recommended by the Director
- One representative from industry or an allied placement-related sector
- One senior alumnus, nominated by the BoS Chairman
- Experts from outside the Autonomous College, whenever special courses of studies are to be formulated, to be nominated by the Principal.

Functions

- Recommending courses of study to the Academic Council
- Recommending measures to improve the standard of teaching and research
- Considering any other academic matter referred to it

Term: The term of the nominated members shall be three years.

Meetings: Meetings of the Board of Studies shall be held at least once every six months.

3.3 Finance Committee (FC)

Composition

- The Director (Chairman)
- One person to be nominated by the Governing Body of the Autonomous College for a period of two years.
- One senior-most faculty member of the Autonomous College to be nominated in rotation by the Director for two years.
- Finance Officer/Officer in-charge of Finance and Accounts of the Autonomous College (Member Secretary)

Functions

The Finance Committee advises the Governing Body on:

- (a) Budget estimates relating to grants and fee income and
- (b) Audited accounts pertaining to the same.

Term: The term of the Finance Committee shall be three years.

Meetings: Meetings of the Finance Committee shall be held at least once every six months.

3.4 Board of Examinations & Evaluation (BoEE)

Constituted in accordance with the statutes of Savitribai Phule Pune University, the Board of Examinations ensures the proper organization and conduct of examinations, including moderation, tabulation, and declaration of results.

See

R. G. G. G.

At the department level, the Board of Studies frames and periodically revises Curriculum, introduces new courses, prescribes continuous-assessment norms, and recommends examiner panels. The Department Advisory Board evaluates and monitor departmental academic practice. The Board of Examinations itself functions as the advisory body authorized to take policy decisions on the organization and conduct of examinations.

Composition

- The Director (Chairman)
- The Dean Academics
- Two experts from other Autonomous Institutes serving as Controller of Examinations, nominated by the Director
- The IQAC Coordinator of the Institute
- One senior faculty member with at least ten years' of teaching experience, nominated by the Director
- One senior faculty member experienced in examination ERP systems, nominated by the Director
- The Controller of Examinations nominated by Director to serve as Member Secretary

Functions

- Preparation of Academic Examination Calendar
- Ensuring the proper conduct of examination-related duties, including paper-setting, time-table preparation, assessment, and declaration of results
- Recommending examination reforms and implementing them upon approval of the Academic Council
- Preparing the detailed examination time-table within the schedule approved by the Academic Council
- Arranging vigilance during examinations to guard against the use of unfair means by students, faculty, or invigilators

Term: The term of the nominated members of the IQAC shall be five years.

Meetings: Meetings of the IQAC shall be held at least once every six months.

3.5 Internal Quality Assurance Cell (IQAC)

The Internal Quality Assurance Cell comprises institutional leadership, departmental faculty representatives, and external stakeholders drawn from the local society, University, alumni, and industry, who together oversee quality-assurance processes across the Institute. Current membership details are maintained by the Cell and published separately by the Institute.

Composition of the IQAC:

IQAC has constituted under the Chairmanship of the Principal of the Institution with heads of important academic and administrative units and a few teachers and a few distinguished educationists and representatives of local management and stakeholders.

The College has a functioning Internal Quality Assurance Cell as detailed below:

Table 1- IQAC Committee

Sr. No.	Name of the Member	Role in IQAC	Designation
1	Dr. P. R. Baviskar	Chairman	Director
2	Prof. V. B. Dhumal	Management Representative	Manager, AVSSVS.
3	Dr. B. S. Borkar	Director, IQAC	Assistant Professor, IT Dept.
4	Prof. V. P. Waghe	Administrative Officer	Registrar
5	Dr. V. D. Wakchaure	Senior Teacher	Professor & HOD, Mech. Engg.
6	Dr. R. S. Bhosale	Teachers	ISO Coordinator
7	Dr. S. S. Gunjal		Department of MBA
8	Prof. J. N. Ganthade		Department of Computer
9	Prof. V. P. Kulkarni		Department of Civil
10	Prof. A. K. Pathak		Department of Electrical
11	Prof. S. K. Chaudhari		Department of E & C
12	Dr. R. S. Pawase		Department of E & TC
13	Dr. A. V. Markad		Department of IT
14	Prof. A. V. Deokar		Department of Mechanical
15	Dr. S. N. Patil		Department of A & R
16	Prof. M. G. Kalhapure		Department of Engg. Science
17	Mr. S. A. Pingle	Local Society	Vice-Principal, Sangamner College, Sangamner.
18	University Representative	Students	University Representative
19	Mr. Nikam Gokul	Alumni	Manager- Product Quality, M&M, Nashik
20	Mr. Shrikant Padhy	Industrialist	Engineer Entrepreneur

Functions

Some of the functions expected of the IQAC are:

- Development and application of quality benchmarks
- Parameters for various academic and administrative activities of the institution;
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- Collection and analysis of feedback from all stakeholders on quality-related institutional processes;
- Dissemination of information on various quality parameters to all stakeholders;
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- Documentation of the various programmes/activities leading to quality improvement;

See

R. G. Ganthade

- h) Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;
- i) Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;
- j) Periodical conduct of Academic and Administrative Audit and its follow-up
- k) Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.

Term: The term of the IQAC shall be three years.

Meetings: Meetings of the IQAC shall be held twice in every semester.

3.6 Programmes Offered

The Institute offers a diverse range of undergraduate and postgraduate engineering programmes, as detailed below.

Table 2 - Programmes Offered (UG)

Sr. No.	Programme	Intake
1.	Artificial Intelligence and Data Science	120
2.	Automation and Robotics	60
3.	Civil Engineering	120
4.	Computer Engineering	120
5.	Electronics and Computer Engineering	120
6.	Electronics & Telecommunication Engineering	120
7.	Electrical Engineering	120
8.	Information Technology	120
9.	Mechanical Engineering	120

4. Admissions and Change of Branch

4.1 Modes of Admission

Admission to the B. Tech. programme at the Institute takes place through Regular Entry and Lateral Entry.

1. Regular Entry denotes admission to the First, Second (other than by lateral entry), Third, and Final Year of the programme in odd semesters. Lateral Entry denotes direct admission to the Second Year of the B. Tech. programme on the strength of a Diploma qualification.
2. The admission process and eligibility criteria for Regular Entry (First Year) and Lateral Entry (Second Year) are governed by the norms prescribed by the DTE. Admission is provisional and subject to fulfilment of eligibility criteria prescribed by the Government and the University from time to time; details are available at www.dtemaharashtra.gov.in.
3. **A student seeking Regular-Entry admission to the Second, Third, or Final Year must have earned all credits of the pre-previous year and at least 50% of the credits of the**

See

R. G. G. G. G.

previous year. For instance, admission to the Fifth Semester (Third Year) requires all First Year credits and 50% of Second Year credits; admission to the Seventh Semester (Fourth Year) requires all Second Year credits and 50% of Third Year credits. Where the 50% computation yields a fraction, only the integer portion is considered.

4. Every student is allotted a Permanent Registration Number (PRN) at the time of admission, which remains the student's permanent identifier for all purposes and correspondence.

4.2 Change of Programme / Branch

A student may apply for a change of branch after completing the first two semesters, subject to the following conditions:

- Change of branch is considered strictly on merit, in accordance with the admission rules in force at the time of the request. Students admitted under the TFWS and EWS categories are not eligible for a change of branch.
- A student seeking a change of branch on completion of the First Year (including a student who has failed in one head of passing) may be permitted to transfer within the same Institute, subject to seat availability and based on marks obtained in the First Year.
- A request to move from one branch to another is considered only where the receiving branch has not already reached its sanctioned intake.
- Branch transfer is permitted only once, at the commencement of the Third Semester
- A student who is allotted a branch of choice should complete bridge courses within the stipulated time period (If Recommended)

4.3 Registration and Fees

- Every student must take admission at the start of each academic year, on payment of the prescribed fees, and must register in person with the Department at the beginning of every semester.
- A student with outstanding dues (Institute, Hostel, Bus etc.) will be permitted to register on clearance of the fees due.
- Registration must be completed before the notified last date; failure to do so renders the admission for that year liable to cancellation.
- Registration in absentia may be permitted only in exceptional circumstances beyond a student's control, at the discretion of the Dean Academics on the recommendation of the concerned Head of Department.
- A student seeking readmission following Term Detention or an Academic Break must pay the requisite fees on a pro-rata basis, in accordance with the Institute's prevailing rules.
- A student seeking a scholarship, freeship, or fee concession, as approved by the competent authority, must register on the portal of the relevant authority (Government of India, Government of Maharashtra, AICTE, DTE, Social Welfare Department, Tribal Development Office, or equivalent). Failure to do so will render the student liable for the corresponding fee component.

Further details on admission and examination fees are available on the Institute website, www.avcoe.org.

See

R. G. G. G. G.

4.4 Permanent Registration Number (PRN) / Enrolment Number

Every student admitted to the Institute is allotted an eleven-digit Permanent Registration Number, which remains unchanged throughout the period of study and must be used for all official purposes and correspondence. The structure of the PRN is illustrated below.

Table 3 – Nomenclature for PRN

Digits	Field	Interpretation
1–2	Year of Admission	e.g., ‘25’ denotes admission in 2025–26
3–4	Institute Code (SPPU)	‘10’ – Engineering
5	Admission Category	1 = First Year Admission; 2 = Direct Second Year (Lateral); 3 = College Transfer
6–7	Branch Code	e.g., 01 = AI & DS, 02 = Automation & Robotics, 03 = Civil, 04 = Computer, 05 = Electrical, 06 = E&CE, 07 = E&TC, 08 = IT, 09 = Mechanical
8	Division	1 = Division A; 2 = Division B
9–10	Roll Number	Sequential, 00–99

Illustration: the PRN **2510102145** denotes a student admitted in 2025–26 (‘25’), at Institute code ‘10’, admitted to the First Year (‘1’), in the Automation & Robotics branch (‘02’), Division A (‘1’), roll number ‘145’.

5. Academic Calendar

The Institute’s academic activities are governed by an Academic Calendar approved by the Academic Council / Academic Standing Committee and released at the start of every academic year. Compliance with the Academic Calendar is mandatory for both students and faculty.

1. The Academic Calendar is prepared by the Dean (Academics) and approved by the AC/ASC.
2. The Academic Council prescribes a definite schedule of academic activity through the Calendar, communicated to all stakeholders at the start of each academic year.
3. The Academic Calendar is published on the Institute’s notice boards and website.
4. All academic activity is monitored against the published Calendar.
5. The Calendar incorporates the schedule for admissions, course registration, course delivery, examinations and evaluation, course feedback, course/graduate exit surveys, committee meetings, student internships, and any re-examinations.
6. The curriculum is ordinarily delivered over two semesters per academic year, each of approximately twenty weeks’ duration (inclusive of evaluation, grade moderation, and result declaration), providing at least ninety instructional days per semester.

SeB

R. G. G. G. G.

7. Co-curricular and extra-curricular activities are scheduled so as not to conflict with activities stipulated in the Academic Calendar.
8. Instructional time lost on any teaching day, for whatever reason, is made up on a suitable alternative day.

6. Academic Activities

6.1 Semester Registration

1. Students must register for courses at the start of every semester, as per the notification issued by the Institute and the dates prescribed in the Academic Calendar.
2. Students admitted through Regular Entry are automatically registered for the Core Courses of the First Semester and need only register separately for Elective / Choice-based courses.
3. Every student is assigned a Proctor on joining the Institute and is advised to consult the Proctor on matters of course registration, within the framework of guidelines approved by the Academic Council.
4. Where registration is delayed for unforeseen reasons, the student and parent/guardian must obtain prior approval from the Director, stating the reason for delay; in such cases attendance is calculated from the date of commencement of the semester, not from the date of joining.
5. A student may register for a course only where he or she:
 - (a) Has cleared all dues owed to the Institute, Hostel, and Library, including fines;
 - (b) Has earned all credits due prior to the previous academic year and at least 50% of the credits of the previous academic year; and
 - (c) Is not debarred from registration on any other specific ground.
6. A student who fails to register within the prescribed schedule shall have the admission for that semester cancelled; parents/guardians are advised to note this requirement.

6.2 MDM Registration

Consistent with the National Education Policy (NEP) 2020, every student admitted under Regulations 2023 (and subsequent regulations, as applicable) must fulfil the Multi-Disciplinary Minor (MDM) requirement as part of the B. Tech. degree. The MDM curriculum comprises 1ss4 credits spread across six semesters (Semester III to Semester VIII) within the overall 160-176 credit programme structure.

- a) Each student selects and registers for a single MDM stream prior to the commencement of the Second Year; owing to inter-dependencies among MDM courses,
- b) A change of stream is not permitted in subsequent semesters.
- c) On successful completion, the B. Tech. degree is awarded with the corresponding MDM notation.

6.3 Open Elective Registration

- At the end of the First Year of the B.Tech. programme, the Institute shall notify the **Open Elective Basket** comprising courses offered by various departments.
- Eligible students shall register their preferences for the Open Elective courses within the stipulated schedule announced by the Institute.
- The allotment of Open Elective courses shall be carried out on a **First-Come, First-Served (FCFS)** basis, subject to the sanctioned intake and seat availability in each course.

SeB

R. G. G. G. G.

- Once allotted, the Open Elective course shall ordinarily not be changed, except under exceptional circumstances with the approval of the Competent Authority.
- Students shall attend the Open Elective classes in the **offering department** and shall comply with the academic and assessment regulations applicable to that course.
- A **common time slot** for all Open Elective courses shall be incorporated into the Institute timetable to facilitate the conduct of classes without conflict with the regular curriculum.

6.4. Honors Registration

- Students who have secured a **minimum CGPA of 7.75** at the end of the First Year shall be **eligible to register** for the **Honors Programme**.
- Registration for the Honors Programme shall be **voluntary** and based on the willingness of the eligible student.
- Eligible students shall complete the **Honors Programme registration during the Third Semester** within the schedule notified by the Institute.
- Admission to the Honors Programme shall be subject to the availability of seats and fulfillment of the eligibility criteria prescribed by the Institute.
- Once registered, the student shall successfully complete all the prescribed Honors courses and requirements in accordance with the academic regulations governing the Honors Programme.
- A student who fails to maintain the prescribed academic performance or does not fulfill the Honors Programme requirements may be discontinued from the Honors Programme as per the Institute regulations.

6.5 Attendance Requirement

1. The Institute expects every B. Tech. student to attend all scheduled lectures. A shortfall of up to 25% may be condoned where supported by valid documentary evidence, such as personal illness or a death in the family.
2. Each semester is treated as a distinct unit, and a student must maintain a minimum of 75% attendance in every course. The Director may condone a further shortfall of up to 15% on grounds such as a serious medical condition, or representation of the Institute, University, State, or Nation in sports, cultural, technical, or academic activities, with prior institutional permission.
3. A student representing the Institute at University, National, or International level is marked 'Present' for the relevant period, subject to prior permission from the Head of Department and submission of supporting documentation on completion of the activity.
4. A student who fails to attend a minimum of 75% attendance of conducted classes for exam head (TH / PR) is declared detained and is not permitted to appear for the End SEM Exam.
5. Attendance is calculated over the period prescribed in the Academic Calendar. For students admitted late, or transferring from another institute or university, attendance is calculated from the date of admission; this provision does not apply to students already in higher semesters.
6. Students are informed of their attendance status through ERP System.

6.6 Temporary Break of Study

A student is not ordinarily permitted to break study. Where, a student wishes to temporarily discontinue the programme for a valid reason — such as Medical Ground with sufficient evidences,

See

R. G. G. G. G. G.

entrepreneurship, incubation, start-up activity, an internship leading to placement, a foreign-university opportunity, or a research opportunity — and intends to rejoin at a later date, an application must be submitted to the Director well in advance.

1. The application must be submitted within six weeks of the commencement of the semester (or from the date the student last attended classes, whichever is later), stating the reason in full, supported by documentary evidence and endorsed by the parent/guardian through the Head of Department.
2. The Institute examines the application and, where satisfied that the case is genuine, may permit temporary withdrawal, provided the student can reasonably complete the programme within the prescribed maximum period and has no outstanding dues at the Institute or University level.
3. The total period permitted for completion of the programme is reckoned from the semester of first admission and includes any break period; it may not exceed the maximum period prescribed for the programme.
4. A period of detention is not treated as a break of study, and fees already paid are non-refundable. This facility is ordinarily available only once, for a maximum period of two years over the course of the programme, and is intended for exceptional cases; students are advised to consult the Principal/Director before availing of it.

6.7 Detention

1. A student is declared Detained, and is not permitted to appear for the Theory or Practical/Oral examinations, where, attendance falls below the minimum 75% requirement across conducted classes for every examination head.
2. A detained student must pay the full fees for the year in which detention occurs.
3. A detained student must seek readmission in the following academic year, paying full fees if detained in an odd semester, or half fees if detained in an even semester.

6.8 Termination from the Programme

A student's admission may be terminated in any of the following circumstances:

1. Involvement in ragging, or in any other activity that is unlawful under applicable law.
2. Failure to gain admission to the Third Semester within three successive academic years from the date of admission — such a student is declared Not Fit for Technical Education (NFTE) and may with the approval of the Academic Council, be permitted to continue for one further year only, at the Director's discretion.
3. Failure to complete the programme within the prescribed maximum period specified by SPPU. Such a student being declared Failed to Complete Technical Education (FCTE). Genuine cases with valid justification may be referred to the Director, who is authorized by the Academic Council to decide on extension requests in accordance with the prevailing rules of the relevant statutory bodies.
4. Misbehaviour towards faculty or staff, or continuous unexplained absence for a period of one year.

See

R. G. G. G. G.

5. In every case of termination, the student remains liable for all applicable dues.

6.9 Advanced Learners

In each semester, the top 5% of students across all programmes are identified as Advanced Learners, based on CGPA after the First Year (for the Third Semester) or SGPA of the preceding term (for the Fourth to Eighth Semesters). Identified students are offered opportunities that may include academic flexibility (such as accelerated progression and credit-transfer flexibility), mentorship and guidance, research and innovation support, skill-enhancement and extracurricular opportunities, exposure to global practice, and formal recognition of achievement, prioritised according to individual academic standing and interest.

7. Curriculum

Every academic programme is governed by a prescribed course structure — the Curriculum — which sets out all courses of study on a semester-wise basis, together with assigned credits, teaching/contact hours, the evaluation scheme, and the minimum requirements for the award of the degree. Curriculum revision is a continuous process, guided by outcome-based education, the choice-based credit system, and the AICTE model curriculum.

7.1 Credit System

1. The credit system is the primary basis for the continuous evaluation of a student's performance, measured in terms of credits earned; a credit reflects the quantum of work associated with a course.
2. Credit structures corresponding to various combinations of theory/tutorial and laboratory/project/seminar/mini-project hours are set out in Table 7.1.
3. A student earns credit for a course by satisfying the minimum requirements of attendance, assessment, and evaluation; no credit is awarded where attendance alone is satisfied but the assessment and evaluation requirements are not met.

Table 4 - Credit System

Theory (hrs/wk)	Tutorial/Seminar (hrs/wk)	Laboratory/Project (hrs/wk)	Credits Assigned
1	0	0	1
0	1	0	1
0	0	2	1
0	0	4	2
1	1	0	2
1	0	2	2
3	0	0	3
2	0	2	3
2	1	0	3

Theory (hrs/wk)	Tutorial/Seminar (hrs/wk)	Laboratory/Project (hrs/wk)	Credits Assigned
3	1	0	4
3	0	2	4
4	0	0	4
2	0	4	4

$$\text{Credit} = \text{Theory hours} + \text{Tutorial hours} + 0.5 \times \text{Laboratory hours}$$

In addition to the contact hours above, self-study time is factored in for theory-based Programme Core / Programme Elective courses, subject to a maximum of five hours per week. CGPA and SGPA are computed on the basis of course credits and grades obtained; a minimum number of earned credits and a minimum CGPA are required to qualify for the degree.

7.2 Components of Curriculum

1. The curriculum structure for each programme, and the Curriculum for each course, is approved by the Academic Council on the recommendation of the respective Board of Studies.
2. The curriculum spans eight semesters, totaling 160 credits (Regulations 2023) or 161 credits (previous Regulations), as detailed in the structure prescribed for each programme. The number of credits a student registers for in a semester ordinarily falls in the range of 20–24.
3. The curriculum comprises both credit-bearing and audit (non-credit) courses.
4. The curriculum offers a balanced mix of Basic Science, Engineering Science, Professional Core, Professional Elective, Multidisciplinary, Skill-based, Humanities/Social Science/Management, Experiential, and Liberal Learning courses, as summarized in Table below

Table 5 - Curriculum Components

Sr. No.	Course Code	Component of Curriculum
1	BSC	Basic Science Course
2	ESC	Engineering Science Course
3	PCC	Programme Core Course
4	PEC	Programme Elective Course
5	MDM	Multidisciplinary Minor
6	OEC	Open Elective Course
7	VSEC	Vocational and Skill Enhancement Course
8	AEC	Ability Enhancement Course

Sr. No.	Course Code	Component of Curriculum
9	EEM	Engineering/Economics/Management Course
10	IKS	Indian Knowledge System Course
11	VEC	Value Education Course
12	ELC	Experiential Learning Course
13	LLC	Liberal Learning Course

A semester ordinarily carries not more than six theory courses and four laboratory courses. Audit courses enable students to relate their domain expertise to core engineering knowledge. The description of each course includes its title, code, weekly teaching hours (lecture/tutorial/practical), credit allotment, pre-requisites, prescribed references, Course Objectives, Course Outcomes mapped to Bloom's taxonomy, Programme Outcomes, Programme Specific Outcomes, CO-PO/PSO mapping, and the assessment scheme. Full programme structures and course content are published on the Institute website, www.avcoe.org.

7.3 Online (MOOC) Courses

The credits for online courses may be earned by students through approved MOOCs offered on platforms such as NPTEL, SWAYAM, Coursera and other platforms approved by the Academic Council (AC) and the concerned Board of Studies (BoS) and specified in the curriculum structure. The assessment and evaluation of approved MOOCs shall be carried out as follows:

- **Course Enrollment:** Students shall enroll for the MOOC course(s) prescribed in the approved curriculum. The course duration shall be as specified for the respective course. (Minimum 8 weeks and maximum 12 weeks)
- **CCE:** The assignment/continuous assessment score obtained through the MOOC platform shall be converted to 40 marks and considered as the CCE component.
- **ESE:** The ESE component shall carry 60 marks and shall be evaluated as follows:
 - **Case 1:** If the student appears for the MOOC certification examination, the examination score shall be converted to 60 marks and considered as ESE. The student shall be exempted from the AVCOE ESE.
 - **Case 2:** If the student appears for both the MOOC certification examination and AVCOE ESE, the higher score shall be considered as ESE marks out of 60.
 - **Case 3:** If the student does not appear for the MOOC certification examination, the student shall appear for the AVCOE ESE, and the marks obtained shall be considered as ESE marks out of 60.
- **Examination Fee:** The examination fee prescribed by the respective MOOC platform shall be borne by the student and shall not be reimbursed by AVCOE. The prescribed examination fee for the Honors examination, wherever applicable, shall be paid separately by the student.

Part – II

Exam Rules and Regulations

Table of Contents

1. Examination Scheme	17
1.1 Assessment of Academic Performance	17
1.2 Components of the Examination Scheme.....	17
2. Monitoring of Evaluation.....	19
3. Method and Medium of Examination.....	19
4. Postponement of examinations under emergency circumstances	19
5: Rules of Passing	19
5.1 Passing Criteria for Theory courses	19
5.2 Passing Criteria for Laboratory courses	20
5.3: Passing Criteria for Major Project/Seminar/Internship etc.....	20
5.4: Passing Criteria for Online Courses	20
6. Academic Progression and A.T.K.T Rules (Promotion to Next Academic Year).....	20
6.1. Progression Rules	20
6.2. A.T.K.T Rule.....	21
7: Grading system.....	21
7.1: Marks/Letter Grade/Grade Point.....	21
7.2. Letter Grade Details.....	22
8. Repeat-examination	23
8.1: Repeat-examination for “F” and “AB” letter grade	24
8.2: Repeat-examination for “I” letter grade (No Grade Penalty)	24
9. Guidelines for Scribes for Disabled Candidates (permanent or temporary disability) during Examinations.....	24
10. Guidelines against Unfair Means/Malpractices during Examinations	24
10.1 Guidelines against Unfair Means	24
10.2 Composition of MIC (Malpractice Investigation Committee).....	25
11. Verification and Reassessment of evaluated answer books.....	27
11.1 Open House and Verification of answer books.....	27
11.2: Reassessment of answer books	27
12. Semester Grade Report	28
12.1. SGPA (Semester Grade Point Average)	28
12.2: CGPA (Cumulative Grade Point Average).....	29
12.3. CGPA and Class of Degree.....	29
12.4. Indication of Attempt on Grade Card	29

12.5: Correction in the Grade Card	30
12.6: Issue of Duplicate Grade Card	30
13. Results Withheld and their Declaration	30
14: Eligibility for Award of Degree	30
14.1: Bachelor's Degree (B.Tech) in Engineering.....	30
15. Performance (CGPA) Improvement Scheme	31
15.1 Conversion Formula for Grades to Percentage of Marks	32
16. Disposal of Answer Sheets.....	32
17. Honors/Double Minors Degree in Emerging Areas: Academics	32
17.2. Additional Credit requirement for Honors/Double Minors	33
17.3. Course Registration for Honors/Double Minors Programme	33
17.4: Mode of Teaching for Honors/Double Minors Programme	35
17.5. Duration of Honors/Double Minors Programme.....	35
18. Honors/Double Minors Degree: Examination.....	36
18.1. Examination Scheme for Honors/Double Minors Programme	36
18.2. Passing Rules for Honors/Double Minors Programme	36
Continuous Comprehensive Evaluation (CCE)	36
End Semester Examination (ESE)	36
18.3. A.T.K.T Rules for Honors/Double Minors Programme	36
18.4. Repeat-examination for Honors/Double Minors Programme	36
18.5. Grading System for Honors/Double Minors Programme	37
18.6. Semester Grade Card for Honors/Double Minors Programme	37
18.7. SGPA and CGPA for Honors/Double Minors Programme	37
18.8. Eligibility for Award of Honors/Double Minors Programme.....	37
19. Interpretation of Regulations.....	38
20. Emergent Cases	38
21. Power to Modify.....	38
22. Revision of Regulations, Curriculum	38
23. Ordinances.....	38



1. Examination Scheme

It is based on a semester pattern for UG programs. The Curriculum (course content) for the courses are recommended by the BoS (Board of Studies) and approved by the AC (Academic Council). The details of structure and courses taught for UG programs are mentioned in the Academic Rules and Regulations.

1.1 Assessment of Academic Performance

As per the guidelines of the UGC report on “Evaluation Reforms in Higher Educational Institutions” (2019), the examination and evaluation are linked to Learning Outcomes and Institutional Goals. The Institute adopted the following Examination and Evaluation strategies:

- **CCE (Continuous & Comprehensive Evaluation)**
- **ESE (End Semester Examination)**

The UG students are evaluated for his/her academic performance in a course through CCE (Continuous & Comprehensive Evaluation), ESE (End Semester Examination) and/or TW, OR, PR, etc.

1.2 Components of the Examination Scheme

- A. **CCE (Continuous & Comprehensive Evaluation):** The weightage for CCE has been allotted as per the examination scheme. The details of CCE for theory and lab courses are as below:
- CCE for Theory Courses:** The internal continuous evaluation of the candidate shall be conducted by the course In-charge throughout the semester and must follow at least any two assessment tools prescribed by the AC. The course teacher must announce the detailed methodology for conducting the various segments of CCE together with their weightages, at the beginning of the semester.
 - CCE for laboratory Courses:** The internal continuous evaluation of the candidate shall be conducted by the course In-charge throughout the semester and support regular performance of practical and its assessment. It must be based on the understanding of the principles, skills to be developed, punctuality, regular submission and neatness of the journal for each practical/experiment carried out. It shall be assessed by course faculty and its record shall be maintained in the appropriate format. The course teacher must announce the details of Rubrics used for the evaluation of lab experiments, and the detailed methodology for conducting the various segments of CCE together with their weightages, at the beginning of the semester.
- B. **ESE (End Semester Examination):** The weightage for ESE has been allotted as per the examination scheme, and it is mandatory for all theory courses. The ESE shall be conducted by the CoE at the end of the semester and based on 100% of the syllabus. Marking criteria should be made known to the students.
- C. **PR/OR/TW:** The mode of conduct of PR/OR/TW and details of the conduct and assessment shall be announced at the beginning of the academic year. The Head of Department and concerned course in-charge are responsible for smooth conduct of PR/OR/TW and for maintaining the record of marks as per the format prescribed by the Dean Academics.



Table 1- Monitoring of Evaluation

Continuous & Comprehensive Evaluation (CCE)	End Semester Examination (ESE)
Marks: 40	Marks: 60
Continuous evaluation based on Class Participation, Class Test , Group Discussions, Quizzes, Open Book Tests, Presentations etc.	Descriptive Examination on all units
Internal evaluation through the teacher under the observation of the course coordinator throughout the semester for all the units	The examination will be conducted by DEE at the end of the semester.
Passing Criteria: The course's passing criteria will be as outlined in the Rules and Regulations of Academics. Students must meet the specified requirements to pass the course. Absence from CCE: Student should appear for at least two of the Continuous and Comprehensive Evaluation (CCE) components, in which class test component is compulsory. Otherwise they will not be eligible to receive marks for the CCE. As a result, their CCE marks will be recorded as NIL. Additionally, the student will not be eligible to appear for End-Semester Examination (ESE) unless they fulfill the CCE. Repetition of CCE: If a student is unable to complete the CCE due to absence or any other reason, and they wish to repeat the assessment, they will need to reappear for the CCE in the respective semester (Odd/Even), depending on when the next opportunity is offered. The student must ensure that they meet all the required criteria to be eligible for reappearing in the CCE, as per the academic regulations.	40% passing in each course
Passing criteria for subject = CCE 40% marks + ESE 40% and total passing of a subject $\geq 40\%$ marks of cumulative addition of CCE and ESE.	
Repeat examination will be conducted only for failed students after ESE in the same semester.	
Marks obtained in CCE / ESE will be carried forward if any student fails to pass/appear in either CCE/ESE.	Failed and absent students shall appear in the next semester (odd to odd and even to even) along with regular students.



2. Monitoring of Evaluation

The evaluation process is monitored systematically to ensure transparency, fairness, and continuous assessment of student performance. The respective authorities are responsible for monitoring different components of examination as per the academic and examination guidelines.

Table 2- Details of Monitoring of Evaluation

Sr. No.	Components of Examination	Responsible for Monitoring
1	CCE (Continuous & Comprehensive Evaluation)	Course In-charge and HoD
2	ESE (End Semester Examination)	Controller of Examination
3	PR/OR/TW	Course In-charge and HoD

3. Method and Medium of Examination

A. Unless otherwise specifically provided for, examinations shall be conducted by one or more of the following methods: -

- Written (Pen & Paper) for and ESE.
- Practical (Pen, Paper & Viva) for Internal and External Practical examination.
- Oral (Based on Term Work or Experimentation or both) for Internal and External Oral examination.
- Computer-assisted examination (Online), if needed.
- For CCE, different pedagogy tools shall be used by the course in-charge AND/OR as per direction of Dean Academics.

B. Students must answer questions in English, unless specific instructions are mentioned.

4. Postponement of examinations under emergency circumstances

Normally, the examination will be conducted as per the prescribed schedule. If the date of an examination is to be changed due to unavoidable circumstances, the decision will be taken by the subcommittee chaired by the Director. The subcommittee shall be constituted by the Director that will comprise of the CoE and two members nominated by the Director.

5: Rules of Passing

To pass the course, students must achieve a minimum of 40% of the overall maximum marks. If the course has two components, such as CCE and ESE. Then it is mandatory to score a minimum of 40% marks in both heads separately, and the composite score of both heads should be above 40%. Failure to meet any of the above conditions, the course will be considered a failure and receive an “F” grade.

5.1 Passing Criteria for Theory courses

- To pass the Theory Subject head, the student has to earn a minimum of 40 % marks in End Semester Examination and 40 % total marks (CCE and ESE).
- To pass the Theory Subject head (No), the student has to earn a minimum of 40 % marks in End Semester Examination and 40 % total marks (CCE and ESE).

Illustration- There is a theory head of 100 marks with two components of evaluation CCE of 40 marks and ESE of 60 marks. A student secures 40 marks in CCE and 20 marks in ESE. The composite score will be 60 out of 100. But, as student has not secured 40% in ESE i.e. 24 marks, he/she will be declared as fail and secure “F” grade.



5.2 Passing Criteria for Laboratory courses

To pass a laboratory course, the student has to secure a minimum of 40% marks in each laboratory evaluation head of TW, OR and PR. The student must complete the submission criteria of the laboratory course.

5.3: Passing Criteria for Major Project/Seminar/Internship etc.

For Summer Projects/Seminar/Internship etc., evaluation is based on work done, quality of report, performance in viva-voce, presentation, etc. and the student must have to secure a minimum of 40% marks in each evaluation head.

5.4: Passing Criteria for Online Courses

The credits for the online courses can be earned by students through MOOCs (NPTEL, SWAYAM, Others etc.) as recommended by AC and concerned BoS in the curriculum structure. The assessment and evaluation of MOOCs shall be done as per the following guidelines:

- A. A student has to pass in MOOC examination.
- B. A student can register for MOOC courses. It is essential for a student to pass in the examination of MOOC courses conducted by the institute or the course conducting agency.
- C. The institute does not recommend any student to appear for the examination conducted by the agency. However, if he/she appears on his/her own, then the expenses will be borne by the candidate.
- D. If a student does not appear for the examination conducted by the agency, then the student must appear for the examination conducted by the institute and the student has to pay the prescribed examination fee to the institute.
- E. While declaring the result, the maximum score of the students in NPTEL or institute examination will be considered in the final result in that concerned year.
- F. The final evaluation for the credit-based approved MOOCs offered on NPTEL/SWAYAM platform shall be based on CCE & ESE.
- G. CCE marks for the MOOC course will be considered on the basis of Assignments submitted by the student for the MOOC course.

6. Academic Progression and A.T.K.T Rules (Promotion to Next Academic Year)

6.1. Progression Rules

The registration of UG students to succeeding years should be as follows:

- A. Students who have passed all courses of Semester-I (Odd) and Semester-II (Even) of First-Year Examinations (as per the rules of the Passing Standards) shall be promoted to the Second Year of the program.
- B. A student who has passed all courses of Semester-III (Odd) and Semester-IV (Even) of Second Year Examinations (as per the rules of the Passing Standards) shall be promoted to the Third Year of the program.
- C. A student who has passed all courses of Semester-V (Odd) and Semester-VI (Even) of Third-Year Examinations (as per the rules of the Passing Standards) shall be promoted to the Final Year of the program.



D. Students who fail to pass one or more courses in the Semester–I (Odd) Examination shall be permitted to keep terms, attend lectures, and sit the ESE of Semester II (Even). This means that the student shall be permitted to keep terms for both Semesters during the programme’s First Year, irrespective of the number of courses failed in the First Semester. This criterion shall also apply to subsequent years.

6.2. A.T.K.T Rule

- A student is eligible to register for the next academic year if he/she has earned at least 50% of the total credits from both semesters of the previous academic year.
- To take admission in the fifth semester / T.Y. B. Tech., a student must meet the conditions in (a) and clear all subjects from the F.Y. B. Tech.
- To take admission in the Seventh semester / Final year B. Tech., a student must meet the conditions in (a) and clear all subjects from the S.Y. B. Tech.

The maximum duration for the course completion will be as per the guidelines of UGC and SPPU, which is N+2. However, if the calculation of 50% credits results in a mixed number (integer + proper fraction), the integer part of that number shall be used for decisions under this clause. For example, if an academic year has 43 credits, the student must complete 21 credits, irrespective of the 21.5 credits, to become eligible for admission to next year’s programme.

A student will be awarded the bachelor’s degree if they earn the requisite credits specified in the curriculum and complete all the mandatory non-credit courses in the respective semesters.

7: Grading system

Absolute grading system, on a 10-point scale is followed in the evaluation of candidate performance in a course.

7.1: Marks/Letter Grade/Grade Point

A grade is assigned to each head based on marks obtained by a student in the examination of the course. The marks obtained in CCE and ESE examinations are considered together to calculate the grade of the course. These grades and their equivalent grade points are given in Table R18.

Table 3: Details of Letter Grade/Grade Point for UG Programs

Letter Grade	Grade Point	Percentage of Marks obtained	Remark
O	10	90-100	Outstanding
A+	9	80-89	Excellent
A	8	70-79	Very Good
B+	7	60-69	Good
B	6	50-59	Average
C	5	40-49	Pass
F	4	Below 40	Fail
X	0	-	Detained; repeat the course.
AB	-	-	Absent
I	-	-	Incomplete
AC	-	-	Audit course completed
ACN	-	-	Audit course not completed.



- The pass letter grades (O to C) awarded to a student in all the courses shall be converted into an SGPA and CGPA, to be calculated as given in Clause R23.1 & R23.2.

7.2. Letter Grade Details

A student shall be declared to have passed a course on obtaining a letter grade in the range O to C. Students shall earn the credits for a course only on obtaining a passing grade in that course.

- A. Letter grade “F” shall be awarded to a student in a course, on scoring less than 40% of the total marks of the course. A student who has failed in the course shall pass the concerned course by appearing for the Repeat-examination. In this case, a student has to suffer a letter grade penalty.
- B. Transitional letter grade “X” in a regular course shall be given to a student if he/she falls in any of the following categories. The student is then detained for the semester/academic year (if detained for even/odd semester of the academic year):
 - i. Students shall be given “X” grades for courses with less than 75% attendance.
 - ii. If a student fails to complete the submission based on course requirements such as Laboratory report/Journal/Assignment/Project/Seminar, etc.
 - iii. If a student is found guilty of any academic malpractice during the semester (such cases shall be dealt with by the Malpractice Investigation Committee-MIC). In this case, after confirming the level of seriousness of the case, based on the MIC report, the institute shall give appropriate punishment.
 - iv. In the above cases, the concerned department shall declare a Letter grade “X” one week before the ESE and intimate it to the Principal/Director, Dean Academics, and Examination cell. Such a student shall not be permitted to take the ESE for that semester and shall re-register for the relevant semester in the successive academic year.
 - v. When a student gets Letter grade “X” in a course, SGPA calculation of the said student shall be carried out after confirmation of grades.
- C. Letter grade “I” shall be awarded to a student having satisfactory attendance for a course but has remained absent for examination (ESE or PR/OR or all) for valid and convincing reasons acceptable to the “I” Grade Committee of the Institute.

For Example:

- i. Serious illness or accident which has disabled him/her from attending ESE or both.
- ii. A calamity in the family, at the time of examination, which required the candidate to be away from the Institute.
- iii. Such a student shall be eligible for Repeat-examination of ESE (100% Syllabus) only on medical grounds/valid reasons, on submission of an authentic medical certificate or other supporting document/s (as required by the Institute) to the Examination Section. The application form with requisite amount of fees must be submitted to the Examination Section before the last date of filing such application forms for Repeat-examination.
- iv. Any other exigencies which the grading committee deems require consideration, like a student representing the Institute / State / University / Nation in University /

L.S.B.

R. Gannikar



State / National / International level events/competitions. In such cases, the student is required to take prior permission from the Head of the Institution. The student is also required to submit proof of having attended the event/competition immediately within two working days after completion of the event/competition, failing which the transitional grade will not be considered.

- D. Letter grade “AB” shall be awarded to a student having satisfactory attendance for a course but has remained absent for examination (ESE or OR/PR or all) without taking prior permission from the Director. Such students may appear for Repeat-examination, if permitted by the Director. The HoD must send the permission letter of such a candidate to CoE through the Director within the prescribed time.
- E. A student with letter grade “I” will **not suffer Grade Penalty**. However, the application for the same must be submitted at least before open house, failing which the candidate will get Letter grade “F”.
- F. A candidate would be considered to have completed a course successfully and earned the credits if he/she secures a grade other than “I”, “X”, “F”, or “AB”.

8. Repeat-examination

- A. The repeat-examination facility ensures that the students have one more opportunity to clear a course in the same academic year.
- B. Repeat-examination for the Theory Course (ESE) shall be conducted for students who have obtained “I,” “F,” letter Grades only.
- C. The students caught in malpractice during regular examinations will not be eligible for repeat examination.
- D. Repeat examination for Theory Course (ESE) shall be held after declaration of even semester examination results.
- E. The CoE office shall display the detailed timetable for the repeat examination of ESE (End Semester Examination).
- F. Submission of the Repeat-examination Form along with the prescribed fee before the designated date is essential for appearing for the Repeat-examination. Students will not be allowed to appear for the repeat-examination if they fail to submit the examination form within the stipulated time.
- G. If a student cannot pass the Theory Examination of regular ESE and Repeat-examination ESE, they can appear only for Backlog examination in the respective Semester in the subsequent Academic Year. Such failed students shall not be allowed to appear in the next academic years regular Odd and Even Semester examination (ESE).
- H. The standard for conducting the repeat-examination and backlog examination shall be the same as the normal/ESE for the main Semester.
- I. After Repeat-examination/Backlog examination, the course Instructor shall communicate the marks obtained in ESE, actual grades secured, and grades (one Grade less) to be declared as a final result after Repeat-examination/backlog examination of each student to the Controller of Examinations (through HoD) within the notified date in the Academic Calendar.



8.1: Repeat-examination for “F” and “AB” letter grade

This examination shall be held for students failing in a course and shall be for the marks equal to the total marks of ESE only. The marks of CCE and/or PR/OR/TW shall be retained as it is, and marks obtained in Repeat-examination shall be allotted for regular ESE .

8.2: Repeat-examination for “I” letter grade (No Grade Penalty)

This examination shall be held for students having satisfactory attendance for a course but have remained absent for examination (ESE or PR/OR or all) for valid and convincing reasons acceptable to the Institute. The marks of CCE and/or PR/OR/TW shall be retained as it is, and marks obtained in Repeat-examination shall be allotted for regular CCE + ESE.

9. Guidelines for Scribes for Disabled Candidates (permanent or temporary disability) during Examinations

- A. The facility of Scribe/Reader/Laboratory Assistant may be allowed to any person who has a disability of 40% or more, if so desired by the person, and shall be seated in separate rooms.
- B. A student who may have a permanent or temporary physical disability may apply to the Principal/Director and CoE through the HoD of the concerned Programme for appointing a scribe for the Examinations.
- C. The student should submit an application for the purpose, along with a medical certificate from a Registered Medical Practitioner to that effect, with a rubber stamp of the Registered Medical Practitioner on the certificate, well in advance.
- D. The scribe/writer should be arranged by the student himself/herself well in advance, i.e. at least one week before the Examination and inform the Examination office of the Institute. The Institute shall make alternative arrangements if possible.
- E. The scribe should be one grade junior in academic qualification if the scribe is from the same stream.
- F. Since the student shall be helped by a scribe, extra time of 10 minutes per hour shall be allowed to such students. For example, in the Examination of two hours, 20 minutes extra time shall be allowed.
- G. The maximum number of candidates belonging to the above categories allowed in a separate room under supervision shall not exceed two.
- H. The Examination in Charge of the centre shall have powers to resolve issues, if any, in this regard. She/he shall be authorised to make/accept any last-minute changes of scribe under exigencies.

10. Guidelines against Unfair Means/Malpractices during Examinations

10.1 Guidelines against Unfair Means

No student shall use unfair means or indulge in disorderly conduct at CCE/ESE/PR examinations. In the case of unfair means/malpractices observed by the Invigilator/Squad/Course Instructor, the respective Answer book shall be sealed along with the concerned material belongings in a green envelope with the undertaking signed by the student and overleaf signed by the Invigilator/Squad/Course Instructor. Such sealed envelopes labelled in a specific format shall be

submitted to the Examination Cell. All submitted envelopes shall be filed and stored in lock and key for presenting them to the MIC (Malpractice Investigation Committee) for Examination.

10.2 Composition of MIC (Malpractice Investigation Committee)

Table 4 - Composition of MIC

Sr. No	Member Name	Designation	Department
1	Dr. P. R. Baviskar	Director / Chairman	Director
2	Prof. V. P. Waghe	Registrar	Engineering Science
3	Dr. M. S. Harne	COE (Member Secretary)	Examination & Evaluation
4	Dr. A. R. Panhalkar	HOD (Member)	AIDS
5	Dr. V. B. Shinde	HOD (Member)	A&R
6	Dr. S. K. Sonkar	HOD (Member)	Computer
7	Dr. S. B. Kandekar	HOD (Member)	Civil
8	Dr. S. B. Rahane	HOD (Member)	E&CE
9	Dr. R. P. Labde	HOD (Member)	ETC
10	Dr. S. S. Kadlag	HOD (Member)	Electrical
11	Dr. B. L. Gunjal	HOD (Member)	IT
12	Dr. V. D. Wakchaure	HOD (Member)	Mechanical

10.1 Roles and Responsibilities:

A. MIC shall conduct a meeting and call every accused student for Hearing. After hearing, decisions of the committee shall be noted and communicated to all concerned who may be involved in the implementation of such decisions to act upon.

B. The unfair means/malpractices shall include the following:

I. During examination time, having in possession or access to

- Any paper, book, note or any other unauthorized material relevant to the syllabus of the examination paper concerned, unless it is allowed for Open Book Examination.
- Mobile Phones or any electronic gadget other than a calculator, even in switch off mode, which shall potentially be used for communication or copying.
- Anything was written on any other instrument or any kind of furniture or any other substance which may have relevance to the syllabus of the examination paper concerned. iv. Anything was written or signs made on the body of the student or his/her clothes/garments, handkerchief, etc. which may have relevance to the syllabus of the concerned course.
- Anything was written on the question paper which may have relevance to the syllabus of the examination the concerned course.

II. Giving or receiving assistance in answering the question papers to or from any other student/person in the examination hall or outside during the examination hours.



- III. Talking to another student or any unauthorized person inside or outside the examination hall during the examination hours without the permission of the Invigilator.
- IV. Swallowing or attempting to swallow or destroying or attempting to destroy a note or paper or any other material.
- V. Impersonating any student or getting impersonated by any person for taking the examination.
- C. A student found using unfair means/malpractices or involved in disorderly conduct or disturbing other students, at or in connection with an examination shall be referred to the MIC. The committee after consideration of the case shall decide punishment as one or more of the following:
- Cancellation of the examination of the course in respect of which he is found to have been guilty; AND/OR
 - Cancellation of the semester examination for which the student participated and/or debarring from the examination for the future semester(s).
 - Any other punishment deemed suitable by the MIC.
- D. The following norms for punishment shall be followed:
- i. If a student is found to have in his possession any material relevant to the syllabus of the concerned course of examination, the punishment shall be the cancellation of the examination of that particular course and the student shall be awarded grade “F” in that course. However, if the material found in possession of the student is irrelevant in nature, the punishment will be discussed and decided by the MIC and will be conveyed to the student.
 - ii. If a student is found during examination to have copied from or used the material caught, the punishment shall be the cancellation of the examination of that particular course and grade “F” shall be awarded.
 - iii. If the behaviour of a student on being caught is unsatisfactory/non-cooperative or the student uses resistance/violence against the Invigilator or any person on examination duty or consistently refuses to obey the instructions, the above punishments may be enhanced according to the gravity of the offence as deemed fit by the MIC.
 - iv. If a student is found talking to another student in the examination hall during the examination hours without the permission of the Invigilator, the punishment shall be the discontinuation from the examination of that particular course, and the grade shall be awarded in that course based on the attempted contents.
 - v. If a student is found reading or possessing some incriminating material relevant to the syllabus of the course in the corridor, urinal, etc., the punishment shall be the cancellation of the examination of that particular course and grade “F” shall be awarded in that course.
 - vi. If a student is found giving or receiving assistance in answering the question paper to or from any other student in the examination hall or outside during the examination hours, the punishment shall be the cancellation of the examination of that particular course and grade “F” shall be awarded in that course.
 - vii. If a student is found damaging/tampering/scratching the answer book or any part of it during examination, at the time of evaluation if the evaluator finds such an evidence then



MIC will call such a student and then after enquiry if found true then the punishment shall be the cancellation of the examination of that particular course, and he/she shall be awarded Grade “F” in that course with all the consequences to follow.

- viii. If a student impersonates any other student in connection with the examination or during the examination, the punishment shall be the cancellation of the examination of both the students of the present semester, and both shall be awarded grade “F” in all the courses of that semester and a year down for both the students.
- ix. For combination(s) of unfair means/malpractices from serial No. I to VII or repetition of any unfair means/malpractices from serial No. I to VII by a student more than once, the punishment shall be the cancellation of the present semester examination and the student shall be awarded Grade “F” in all the courses of that semester and a year down for the student.
- x. For combination(s) of unfair means/malpractices from serial No. viii to x or repetition of any unfair means/malpractices from serial No. viii to ix by a student more than once, the punishment shall be the cancellation of the admission of the student from the said Programme.
- xi. If a student’s mobile phone or programmable calculator or any other electronic gadgets of a student are confiscated during the examination and the punishment shall be a fine of Rs. 2,000/- will be imposed on the student.

11. Verification and Reassessment of evaluated answer books

The examination system of the college has a separate mechanism to redress/resolve any reasonable and valid issue(s) of grievances and provide relief to the concerned students.

11.1 Open House and Verification of answer books

A suitable decision about the conduct of Open House (Showing of Evaluated/Assessed Answer books to Students) will be taken at an appropriate time.

An Open House will be conducted after the evaluation of regular ESE.

- A. A student having any query(s) regarding evaluation of regular ESE and present for Open House should apply for Re-assessment.
- B. If the discrepancy is valid and marks are changed, then the concerned course instructor will do the changes as per the process set by the Examination Cell and will inform the CoE.

11.2: Reassessment of answer books

A provision of addressing grievances by a student in evaluation of his/her answer book for course(s) in ESE is made in terms of re-assessment.

- A. If a student is not satisfied with the marks awarded to him/her in the regular ESE in any course, he/she may apply for reassessment of his/her answer book(s) after reassessment notification by paying the prescribed fees.
- B. No application(s) shall be entertained for any reason whatsoever after the deadline.
- C. After following the process of reassessment under the Grievance Redressal, effect shall be given to the change in the original marks, if any, on re-assessment, as under:



- The benefit of reassessment shall be given to a student if the marks obtained after evaluation exceed the original marks by 5% or more of the maximum marks of the Theory paper(s). In such cases, the reassessment marks will be considered.
 - If the reassessment marks are less than 5% of the maximum marks of the Theory paper(s), then original marks are retained as it is.
 - If the reassessment marks are less than the original marks (Negative change), then original marks are retained as it is.
 - The fractions shall be ignored/rounded off as the case may be for the purpose of computing the 5% difference in marks.
- D. The revised marks obtained by a candidate after reassessment, as accepted by the Institute shall be taken into account for the purpose of amendment of his/her results and the result shall be communicated to the students.

12. Semester Grade Report

- A. Semester Grade Report reflects the performance of a student in that semester (SGPA), and Cumulative performance from the first semester of his/her study (CGPA).
- B. The semester grade card, issued at the end of each semester to the candidate, shall contain the following:
- The courses, with assigned credits, registered for that semester.
 - Any credit course/s undertaken by the student in a semester.
 - Letter grade obtained in each course
 - Total number of Credits earned by the student
 - SGPA and CGPA
 - Result of the academic year
- C. Semester grade card does not indicate class or division or rank. However, a conversion from grade point index to percentage based on CGPA shall be indicated on the final grade card of the program. D. Grade Cards shall be used to prepare Transcripts of the students.
- D. If a student secures “F” grade in any course, his/her SGPA and CGPA shall not be declared till he/she earns the Credit of that course.
- E. The following procedure recommended by the UGC has been used for the computation of SGPA and CGPA.

12.1. SGPA (Semester Grade Point Average)

It is the ratio of the sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all courses undergone by a student.

$$\text{SGPA} = [\Sigma (C_i \times G_i)] / (\Sigma C_i)$$

Where C_i is the number of credits of the i^{th} course and G_i is the grade point scored by the student in the i^{th} course.



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, and G5 respectively.

$$\text{SGPA} = (C1 \times G1 + C2 \times G2 + C3 \times G3 + C4 \times G4 + C5 \times G5) / (C1 + C2 + C3 + C4 + C5)$$

12.2: CGPA (Cumulative Grade Point Average)

It is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a Programme.

$$\text{CGPA} = [\sum (C_i \times S_i)] / (\sum C_i)$$

Where S_i is the SGPA of the i^{th} semester and C_i is the total number of credits in that semester.

For Example: suppose for eight semesters of a Programme, a student has SGPA S1, S2, S3, S4, S5, S6, S7, S8 and his/her total credits in those semesters are C1, C2, C3, C4, C5, C6, C7 and C8 respectively.

$$\text{CGPA} = (C1 \times S1 + C2 \times S2 + C3 \times S3 + C4 \times S4 + C5 \times S5 + C6 \times S6 + C7 \times S7 + C8 \times S8) / (C1 + C2 + C3 + C4 + C5 + C6 + C7 + C8)$$

The SGPA and CGPA shall be rounded off to two decimal places and reported in the transcripts. In case a student passes a failed course or opts for improvement, the earlier grade shall be replaced by the new grade for the calculation of SGPA and CGPA.

12.3. CGPA and Class of Degree

Results will be declared based on the student's performance in the semester examinations, and Semester Grade Sheets will be issued. The class will be awarded to a student based on the calculated CGPA. The award of the class shall be as per Table R23.

Table 5 - CGPA and Class awarded

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	5.00 or more but less than 5.50	Pass class

12.4. Indication of Attempt on Grade Card

The various SYMBOLS (like !, ^, ~, %, *, +, #, \$, & etc.) will be displayed on the Grade Card to indicate the attempts, Ordinances and Improvement in CGPA. Single Grade Cards will be provided for the regular and repeat-examinations. However a single Grade Card for a semester may be provided after all the subjects of that semester are passed in more than one attempt. But it will be marked as already said. The student will have to separately apply to the Controller of Examinations for the single semester Grade Card with copies of all the intermediate semester Grade Card along with a fee decided by the Finance Committee.



12.5: Correction in the Grade Card

The grade card shall be issued semester-wise at the end of each Examination to each student.

- Students are required to check the Grade Card for name corrections and any other discrepancy.
- For any corrections in the Grade Card, a request by the student should be submitted, in the prescribed Format along with the prescribed fee, to the CoE, through HoD within ONE MONTH from the issue of the Grade Card. If the request is made after the specified duration, an additional PENAL FEE will be levied by the Institute.
- Such a request must be supported by Original Grade Card and supporting documents.

12.6: Issue of Duplicate Grade Card

If the Grade Card is lost or mutilated, for issue of duplicate Grade Card, student has to submit the following documents to the Examination Office:

- An affidavit of Rs. 100/- stamp paper, giving details such as PRN, Month and Year of Passing course/Branch and how original Grade Card were lost.
- Acknowledgement of COMPLAINT made with POLICE.
- The prescribed fees.
- The duplicate grade card will be issued only once in a lifetime.

13. Results Withheld and their Declaration

- A. If there is a discrepancy between the subjects listed in the Examination Form and those actually taken by the candidate, the results of such candidate will be withheld and will be declared after due confirmation of the term that he/she had kept, with the approval of the Director.
- B. The results of those candidates held reserve for malpractice and/or lapse in the examination will be declared as per the resolution passed by the examination Malpractice Investigation Committee.
- C. The result of a candidate who writes the wrong subject in the examination form and actually appears for a different subject shall be withheld. The result of such a candidate will be declared after confirmation from the Director.
- D. The results reserved for dues payable to the college shall be declared upon confirmation of payment of the said dues.

14: Eligibility for Award of Degree

14.1: Bachelor's Degree (B.Tech) in Engineering

A student shall be eligible for the award of “B.Tech Degree” from the Savitribai Phule Pune University (SPPU), if the student has:

- Obtained eligibility certificate from the SPPU.
- Registered & passed all the prescribed courses & earned minimum credit requirement for the said degree.
- Obtained CGPA ≥ 5.00
- Paid all the Institute dues and satisfied all the requirements prescribed



- No case of indiscipline pending against him/her

15. Performance (CGPA) Improvement Scheme

- A candidate who has passed the B.Tech degree examination from the institute and wishes to improve his/her grade points and whose CGPA is less than the prescribed percentage for first class shall be permitted to reappear for the examinations for improving the grade and in turn CGPA.
- A candidate will be allowed a maximum of TWO attempts to reappear for the examination on payment of applicable fees, for improvement of grade, within a period of THREE years from the date of passing the Bachelors examination.
- A candidate will be allowed to reappear for a maximum of FOUR theory courses of final year.
- There will be no provision for improvements of grades in Practical/Oral/Termwork.
- No additional classes or counseling will be organized for these candidates. Examination of these candidates will be conducted along with those of regular candidates.
- A student seeking permission to register for CGPA improvement shall submit a written application to the CoE through the Head of the Department. No student shall be allowed to enroll for improvement after registration for examination (exam form filling) ends.
- At the time of registration, the student shall be required to surrender all the original Semester Grade Reports given to him/her by the institute. He/she shall give an affidavit on Rs.100 judicial stamp that he/she shall not do any use of surrendered Semester Grade Reports till he/she gets official results of the courses for which he/she wishes to appear for grade improvement. No change of courses or drop of courses shall be permitted after the course registration.
- A student who wishes to appear for grade improvement shall be exempted from attending the regular classes since the student has already undergone the course instructions. But he/she shall have to appear for regular ESE for the registered courses only. In the case the student misses any of the tests or examinations, no repeat examination shall be permitted. Absentee for regular ESE shall automatically lead to the award of grade “F” in that course.
- The grading process as used for the regular students appearing for that course shall be applicable and no concession of any sort shall be granted on account of absentee for any of the examinations.
- A candidate wishing to use the facility of grade improvement shall be required to pass in all the FOUR courses he/she has enrolled in a single attempt. He/she shall not be entitled to the repeat examination in such cases.
- If the candidate fails to secure higher grades resulting in a reduction in overall CGPA then the original result of the student before registering for grade improvement shall be retained.
- A candidate who succeeds in improving CGPA shall be issued a fresh Semester Grade Report by the institute. These Semester Grade Reports shall have character “%” against the courses for which the student has appeared for grade improvement and will state “*Grade Improvement*”. The date on the new Semester Grade Reports shall be that as issued for other students appearing in those courses. Name of the student shall be communicated to the



University and the candidate shall be required to apply for a degree certificate from the University thereafter.

- M. A candidate appearing for improvement in grades shall not be entitled to get the benefit of any prize/scholarship/award.

15.1 Conversion Formula for Grades to Percentage of Marks

- A. The Institute shall permit the use a formula for the conversion of CGPA to the percentage of marks as

A student shall be awarded a B. Tech degree as per शासन निर्णय क्रमांक: एन इ पी / २०२२ / (६७/२३) / तां शि -२, दिनांक ४ जुलै २०२४.

Formula for Percentage Calculations (As per SPPU Circular 332/2020)

$$\% \text{ of Marks} = \{ \text{if } 0 \text{ grade then } 20 \times \text{CGPA} - 100$$

$$\text{A+ grade then } 12 \times \text{CGPA} - 25$$

$$\text{A grade then } 10 \times \text{CGPA} - 7.5$$

$$\text{B+ grade then } 5 \times \text{CGPA} + 26.25$$

$$\text{B grade then } 10 \times \text{CGPA} - 2.50$$

$$\text{C grade then } 10 \times \text{CGPA} - 2.50$$

$$\text{D grade then } 6.6 \times \text{CGPA} + 13.6 \}$$

However, the conversion formula shall be printed on the backside of the Semester Grade Report.

- B. The Institute shall not declare the percentage of marks based on acquired CGPA. The recruiter or the agencies requesting declaration on such conversion may refer to the affiliating university guidelines in this regard.

16. Disposal of Answer Sheets

The answer papers of ESE and Practical Examinations shall be preserved for one academic years after the declaration of results. The process of disposal of answer papers shall be executed in the presence of the CoE and his/her team.

17. Honors/Double Minors Degree in Emerging Areas: Academics

To enhance the employability skills and impart in depth knowledge in emerging areas which are usually not being covered in UG Engineering Degree credit framework, AICTE has come up with the concept of “Honors Degree” and “Minor Degree” in emerging areas.

UG Engineering Honors Degree in emerging areas shall be allowed as specialization from the same department. The students can opt for the following Honors Degree from the same discipline:

- Regular B.Tech.
- B.Tech.- Honors
- B.Tech. - Double Minor
- B.Tech. - Honors with Research

17.1. Eligibility for Honors/Double Minors Programme

It is absolutely not mandatory for any student to opt for the above Honors/Double Minors Programme.

- **B. Tech - Honors:**



- i. Choice is given to individual students to undertake the Honors Programme from the second-year engineering (Third Semester) to Fourth year engineering (Eighth Semester).
 - ii. Students having F.Y. B. Tech CGPA more than or equal to 7.75.
 - iii. The Honors Programme schemes shall also be open for Direct Second Year (DSY) admitted diploma students, having percentage more than or equal to 75% shall be eligible for registration of Honor Courses.
- **B. Tech - Honors with Research:** Choice is given to individual student to undertake the Honors with research Programme in the Fourth Year, Semester VII in the respective discipline.
 - **B. Tech - Double Minors:**
 - i. Choice is given to individual student to undertake the Double Minors Programme from the second year engineering (Third Semester) to Fourth year engineering (Eighth Semester).
 - ii. Students having FY B.Tech CGPA more than or equal to 7.75.
 - iii. The Honors Programme schemes shall also be open for Direct Second Year (DSY) admitted diploma students, having percentage more than or equal to 75% shall be eligible for registration of double minor Courses.

17.2. Additional Credit requirement for Honors/Double Minors

- **B. Tech - Honors:** Honor Degree in the same discipline will carry 18 credits in addition to the credits essential for obtaining UG Engineering Degree in Major Discipline.
- **B. Tech – Honors with Research:** Honor Degree with Research in the same discipline will carry 18 credits for Research Projects in FOURTH year, Semester VII and VIII in addition to the credits essential for obtaining UG Engineering Degree in Major Discipline.
- **B. Tech - Double Minors:** Double Minors Degree in the other discipline/department will carry 18 credits in addition to the credits essential for obtaining UG Engineering Degree in Major Discipline.

17.3. Course Registration for Honors/Double Minors Programme

- **B. Tech - Honors:**
 - a) The student has to choose the Honor offered by the department in the beginning of THIRD Semester of Second year only. However, it is absolutely not mandatory for any student to opt for the Honors Program. After the third semester, no students shall choose the Honor program.
 - b) Once Students register for the Honor program in THIRD Semester of Second year, he/she will not be permitted to change the Honor program in forthcoming semesters. No issue/reasons shall be entertained by AVCOE.
 - c) Students have to register a total of SIX Honor courses over the semesters III to VIII (ONE Honor course for every semester).
 - d) The Honors scheme shall be offered by a particular Department if there are a minimum of 20 enrolments in the 3rd semester. If the number of enrolments falls



below 20, the Head of the Department offering the Honors scheme shall decide whether to offer the Honors scheme in MOOCs mode or not. The maximum enrolment for a particular Honors scheme shall be decided by the respective department from time to time in consultation with Dean Academics and CoE.

- e) Students once registered for the Programme need to complete all credits assigned for the specific Honors Programme in the period of 3 years from Semester-III to semester-VIII. Degree with Honors will be awarded only after the completion of the Honors Programme along with the respective UG Programme degree.
- f) Student may opt to cancel the registration for Honors before the ESE of SECOND year, Semester III. If a student opts to cancel the registration for Honors before the End Semester Examination of THIRD year, Semester III, then only a Bachelor's degree will be awarded to such a student provided he/she has earned the credits needed for graduation.

- **B. Tech - Honors with Research:**

- a) The student has to choose Honor by Research offered by the department at the beginning of the SEVENTH Semester of Fourth year only. However, it is absolutely not mandatory for any student to opt for the Honors with research Program. After the seventh semester, no students shall opt for the Honor programme with Research.
- b) The Honors by Research scheme shall be offered by a particular Department if there are a minimum of 20 enrolments in the 7th semester.
- c) Students once registered for the Programme need to complete all credits assigned for the Honors with Research Programme in the period of ONE year from 7th semester. Honors with Research degree will be awarded only after the completion of the Honors Programme along with the respective UG Programme degree.
- d) If a student opts to cancel the registration for the Honors by Research Programme before the End Semester Examination of FOURTH year, 7th semester, then only a Bachelor's degree will be awarded to such a student provided he/she has earned the credits needed for graduation.

- **B. Tech - Double Minors:**

- a. The student has to choose only ONE Specialization Minor from the other departments/disciplines at the beginning of THIRD Semester of Second year only. However, it is absolutely not mandatory for any student to opt for the Double Minors Programme. After the third semester, no students shall opt for the Double Minors Programme. Once students register for the Double Minors Programme in THIRD Semester of Second year, he/she will not be permitted to change the Specialization Minor in forthcoming semesters. No issue/reasons shall be entertained by AVCOE.
- b) Students have to register a total of SIX double Minor Courses over semesters III to VIII (ONE Specialization Minor Course for every semester).
- c) The Double Minors scheme shall be offered by other departments/disciplines if there are a minimum of 20 enrolments in the 3rd semester. If the number of



enrolments falls below 20, the Head of the Department offering the Double Minors shall decide whether to offer the Double Minors scheme in MOOCs mode or not. The maximum enrolment for a particular Double Minors scheme shall be decided by the respective department from time to time in consultation with Dean Academics and CoE.

- d) Students once registered for the Programme need to complete all credits assigned for the Specialization Minors (Double Minors) Programme in the period of THREE years from Semester-III. Degree with Double Minors will be awarded only after the completion of the Double Minors courses along with the respective UG Programme degree.
- e) Student may opt to cancel the registration for Double Minors before the ESE of SECOND year, Semester-III. If a student opts to cancel the registration for Double Minors before the ESE of SECOND year, Semester III, then only a Bachelor's degree will be awarded to such a student provided he/she has earned the credits needed for graduation.

17.4: Mode of Teaching for Honors/Double Minors Programme

- **B. Tech - Honors/Double Minors:**
 - i. The mode of teaching for Honor courses shall be as per the guidelines issued by the AVCOE. It may be through Classroom Teaching AND/OR MOOC platform as recommended by the concerned BOS and AC.
 - ii. Syllabus for Honor Courses through MOOCs platform and classroom teaching mode shall be the same.
- **B. Tech with Multidisciplinary Honors by Research:** A. The mode of teaching for Honors by Research Courses shall be ONLINE only. The students have to register for Online NPTEL Courses as per the guidelines issued by the AVCOE.

17.5. Duration of Honors/Double Minors Programme

- i. All requirements of the program and Honors/Specialization Minors (Double Minors) Degree have to be completed within the stipulated period of the original program i.e. FOUR years for UG students who were admitted in First Year of the program and THREE years for DSY students in Second Year of the program.
- ii. No additional period shall be permitted to complete the Honors/Specialization Minors (Double Minors) Degree. If a student is unable to earn additional 18 Credits along with all the prescribed Credits of the parent program within the stipulated allowed duration of the parent program, then he/she will not be awarded the Honor/Double Minor Degree.
- iii. The Honors/Specialization Minors (Double Minors) Courses completed, if any, by such students (Clause ii) shall not be adjusted or converted into program Credits anywhere in the Credits structure of the original curriculum of the program in which they were admitted, and such additional Credits shall remain extra.



18. Honors/Double Minors Degree: Examination

- A. Examinations for Honor/Specialization Minors (Double Minors) Programme will be conducted at the Institute Level along with other examinations.
- B. Additional examination fees as per prevailing rules and regulations will be charged from those students who had registered for the Honor/Specialization Minors (Double Minors) Programme to match the expenses for paper setting and the assessment of answer books at the CAP Centre.

18.1. Examination Scheme for Honors/Double Minors Programme

For Honors/Double Minors Theory Courses, the weightages of CCE and ESE are as per the examination scheme.

18.2. Passing Rules for Honors/Double Minors Programme

A. For Classroom Teaching Mode: To pass an Honors Theory Course, the student should obtain a minimum of 40% marks in aggregate out of the total marks allotted for the course, where the course consists of CCE and ESE only. The student must also obtain 40% of the total marks allotted to CCE and ESE separately .

B. For Online MOOCs Mode:

Continuous Comprehensive Evaluation (CCE)

- The NPTEL assignment score out of 25 marks shall be proportionately converted to 40 marks and shall constitute the CCE component of the course.
- The assignment score shall be considered as per the approved assessment scheme of AVCOE.

End Semester Examination (ESE)

The **ESE component shall carry 60 marks** and shall be evaluated as follows:

Case 1: Student appears only for NPTEL Certification Examination

- The student shall be exempted from the AVCOE ESE.
- The NPTEL Certification Examination marks shall be converted to 60 marks and considered as the ESE component.

Case 2: Student appears for both NPTEL Certification Examination and AVCOE ESE

- The student may appear for both examinations.
- The higher score obtained in the two examinations shall be considered as the ESE component out of 60 marks.

Case 3: Student does not appear for NPTEL Certification Examination

- The student shall appear for the AVCOE ESE.
- The marks obtained in the AVCOE ESE shall be considered as the ESE component out of 60 marks.

18.3. A.T.K.T Rules for Honors/Double Minors Programme

- A. Backlog of Honors/Double Minor Courses will not contribute to the decision of A.T.K.T.
- B. Backlog for Honors/Double Minor Courses for Semester VIII are not allowed.

18.4. Repeat-examination for Honors/Double Minors Programme

Repeat-examination for Honors/Double Minor Theory Courses shall be conducted for failed/absent students (students who have obtained, “F”, “AB” letter grade) only.



18.5. Grading System for Honors/Double Minors Programme

Absolute grading system, on a 10-point scale is followed in the evaluation of candidate performance of Honors/Double Minor Programme Courses as per point 18 of Exam Rules and Regulations for UG Programme.

18.6. Semester Grade Card for Honors/Double Minors Programme

- After the completion of the Honors/Specialization Minors (Double Minors) Programme by concerned students, details of credits earned in the Honors/Double Minors Programme are printed in the mark sheet of the eighth semester. For those students who will not be able to complete the Honors/Specialization Minors (Double Minors) Programme, details about the additional credits earned will not get printed.
- The result of the Honors/Specialization Minors (Double Minors) Programme will get reflected in ledgers maintained at AVCOE.
- The scores of these additional courses shall not be accounted towards CGPA calculations at the end of each semester. An additional Semester Grade Report shall indicate the additional courses learnt along with the grades.
- A student may voluntarily drop the Honors/Specialization Minors (Double Minors) Programme scheme at any time. However, no certificate/Semester Grade Report shall be awarded for such partial completion.

18.7. SGPA and CGPA for Honors/Double Minors Programme

The procedure recommended by the UGC has been used for the computation of SGPA and CGPA as per Clause 12.1 and 12.2.

- Credits earned through registration and successful completion of the Honors/Specialization Minors (Double Minors) Programme will not be considered for the calculation of SGPA or CGPA.
- As per the standard practice, SGPA and CGPA calculations will be done with common base only by considering mandatory credits assigned for the Bachelor Programme as per the structure approved by the Academic Council.

18.8. Eligibility for Award of Honors/Double Minors Programme

A student shall be eligible for the award of “**B.Tech - Honors/Double Minors Programme Degree**” from the Institute and Savitribai Phule Pune University if the student has:

- Registered & passed all the prescribed courses & earned 168 Credits, for students admitted in First year and 124 Credits for students admitted through lateral entry (DSY) for UG Engineering Degree.
- For Honors Programme:** Registered & passed all the prescribed Honors courses & earned 18 Credits in Honors Programme Courses
- For Honors with Research Programme:** Registered & passed all the prescribed Honors with research courses & earned 18 Credits in Honors with research Programme Courses.
- For Double Minors Programme:** Registered & passed all the prescribed Double Minors courses & earned 18 Credits in Double Minors Programme Courses
- Obtained CGPA ≥ 5.00



- Paid all the Institute dues and satisfied all the requirements prescribed
- No case of indiscipline pending against him/her

19. Interpretation of Regulations

In case of any dispute or difference of opinion in interpretation of these regulations or any other matter not covered in these regulations, the decision of the Principal/Director shall be final and binding.

20. Emergent Cases

Notwithstanding anything contained in the above regulations, the Chairman of the AC may, in emergent situations, take action on behalf of the AC as he deems appropriate and report it to the next meeting of the AC for its approval.

21. Power to Modify

Notwithstanding all that has been stated above, the AC and BoE has the right to modify any of the above regulations from time to time.

22. Revision of Regulations, Curriculum

The Institution may, from time to time, revise, amend, or change the Regulations, Curriculum, Syllabus, and scheme of examinations through the BOE or the Academic Council.

23. Ordinances

Ordinances shall be awarded to the eligible candidates as stated by the affiliating university. Students can access details regarding the ordinances from the document “Ordinances for Passing” available on the Institute website: <https://www.avcoe.org/>

These Ordinances shall come into force with effect from the examinations commencing from the Academic year 2025-2026 and onwards.

Ordinance 1: Grace Marks for Passing in each of the heads of passing (Theory/Practical/Oral/Sessional). (External/Internal) The examinee shall be given the benefit of grace marks only for passing in each head of passing (Theory/Practical/Oral/Sessional) in External or Internal examinations as follows:

Head of Passing	Grace Marks Upto
Upto- 50	2
51-100	3

Provided that the benefit of such gracing marks given in different heads of passing shall not exceed 1% of the aggregate marks in that examination. Provided further that this gracing is concurrent with the rules and guidelines of professional statutory bodies at the All-India level such as AICTE, MCI, Bar Council, CCIM, CCRN, NCTE, UGC etc.

Ordinance 4: Condonation If a candidate fails in only one head of passing, having passed in all other heads of passing, his/her deficiency of marks in such head of passing may be condoned by not more than 1% of the aggregate marks of the examination or 10% of the total number of marks of that head of passing in which he/she is failing, whichever is less. However, condonation, whether in one head of passing or aggregate head of passing be restricted to maximum up to 10 marks only. Condonation of deficiency of marks be shown in the Statement of Marks in the form of asterisk and Ordinance



number. Provided that this condonation of marks is concurrent with the rules and guidelines of professional statutory bodies at the All India level such as AICTE, MCI, Bar Council, CCIM, CCIII, NCTE, etc

Controller of Examinations

Principal