

Marathwada Shikshan Prasarak Mandal's

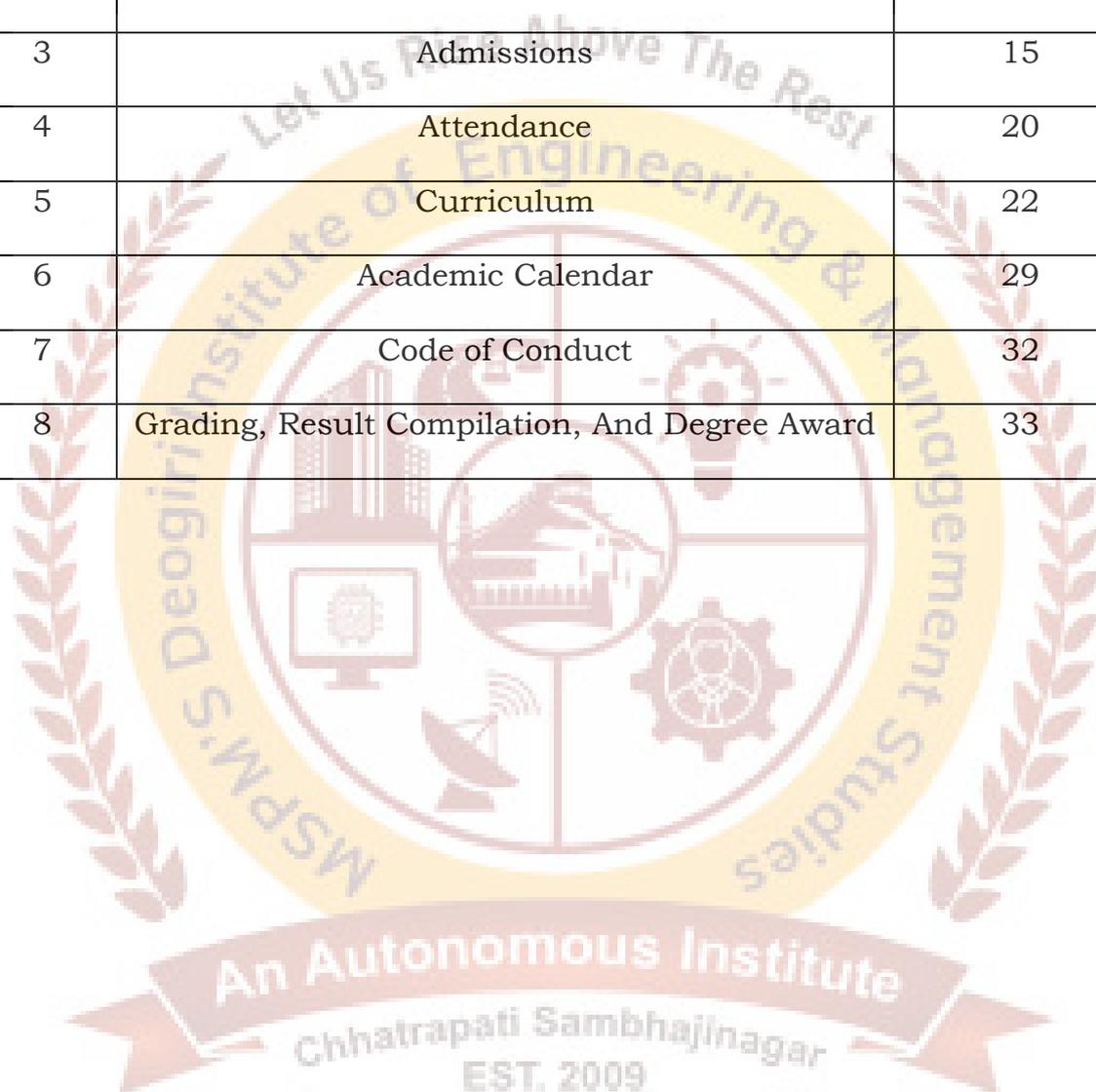
**Deogiri Institute of Engineering and Management
Studies
(An Autonomous Institute)**

Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere,
Raigad
(B.Tech & M.Tech)
&
Dr. Babasaheb Ambedkar Marathwada University (MBA), Chhatrapati
Sambhajinagar



**Academic Rules and Regulation
For
UG Programs**

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1. Introduction

In alignment with the policies of the Government of India to promote engineering education in emerging technologies, Deogiri Institute of Engineering and Management Studies (DIEMS) was established in Aurangabad during the academic year 2009–10.

The Institute is permanently affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, for B.Tech and M.Tech programs, and Dr. Babasaheb Ambedkar Marathwada University for MBA program, and has been developed in accordance with the norms of the All India Council for Technical Education (AICTE), Government of India.

The Institute offers Undergraduate (UG) and Postgraduate (PG) programs. The undergraduate programs offered and their corresponding degrees are presented in the table below.

Table No. 1: UG programs offered by the Institute		
	Program Offered	No. of Seats
B.Tech	Civil Engineering	120
	Computer Science and Engineering	120
	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	60
	Electronics and Telecommunications Engineering	120
	Mechanical Engineering	120

1. All Undergraduate (UG) degree programs shall be governed by the rules and regulations specified in this version of the Academic Rules and Regulations. The curriculum for UG programs shall comprise courses in Sciences, Humanities and Social Sciences, Engineering and Technology, and other related areas, in accordance with the provisions and guidelines of the National Education Policy (NEP) 2020. Stringent evaluation norms shall be implemented to ensure and maintain high standards of academic quality. The examination system shall be governed by the Examination

Rules and Regulations of the Institute. The process shall be fully transparent and conducted strictly according to the pre-announced schedule specified in the Academic Calendar.

2. Deogiri Institute of Engineering and Management Studies (DIEMS), Chhatrapati Sambhajinagar, follows a Credit-Based Semester System (CBSS) for all academic programs. The academic year shall be divided into two regular semesters: The semester commencing in July/August shall be designated as the Odd Semester. The semester commencing in January/February shall be designated as the Even Semester. The total duration of each semester shall normally be a minimum of 90 working days
3. The rules and Regulations mentioned in the documents are applicable to all the UG programs (B. Tech.) offered by the institute.
4. The rules and regulations specified herein are subject to revision, refinement, update, modification, or amendment by the Academic Council (AC) from time to time. Such changes shall be applicable to all batches, including those currently enrolled in programs at any stage of study. These rules and their subsequent amendments shall be binding on all stakeholders, including students, parents/guardians, faculty members, staff, and institute authorities.
5. The academic administration of the Institute comprises statutory and non-statutory committees as well as designated administrative officers. The statutory and non-statutory committees include, but are not limited to: Governing Body (GB), Academic Council (AC), Board of Studies (BoS), Finance Committee, Board of Examination, and other non-statutory committees constituted as required. The designated administrative positions include: Director, Deans, Associate Deans, Heads of Departments (HoDs), Associate Heads of Departments (Associate HoDs), and Controller of Examinations (CoE).
6. The academic programs of the Institute shall be governed by the rules and regulations approved by the Academic Council (AC) from time to time. The AC is the supreme statutory academic body of the Institute, responsible for overseeing and regulating all academic matters. The decisions of the AC Chairman (Director of the Institute) shall be final and binding in all matters related to academics. All academic activities shall be conducted in accordance with an approved Academic Calendar, which shall be notified at the commencement of each academic semester or academic year.

2. Autonomy

1. Academic Autonomy:

Academic autonomy refers to the degree of self-governance accorded to academic institutions in the design, delivery, and evaluation of educational programs, independent of external regulatory control, while remaining accountable to statutory bodies such as the University Grants Commission (UGC), New Delhi, and All India Council for Technical Education (AICTE), and affiliating universities. In the context of Indian engineering institutes, academic autonomy empowers institutions to innovate in curriculum design, adopt flexible teaching-learning methodologies, and enhance overall academic quality in alignment with national and global standards.

2. Objectives of Academic Autonomy:

The key objectives of granting academic autonomy to engineering institutions include:

1. Enhancing the academic quality and relevance of engineering education.
2. Facilitating timely curriculum updates in accordance with technological advancements and industry requirements.
3. Promoting outcome-based education (OBE) and student-centric learning practices.
4. Encouraging faculty innovation in teaching, research, and assessment.
5. Strengthening institutional accountability through internal quality assurance mechanisms.

3. Scope of Academic Autonomy:

Under academic autonomy, an engineering institute is empowered to undertake the following functions:

1. Curriculum Design and Revision:

- Design, develop, and revise curricula and syllabi in consultation with industry experts, alumni, and academic professionals.
- Incorporate interdisciplinary, skill-based, and emerging technology courses to meet contemporary educational and professional needs.

2. Academic Regulations:

- Formulate academic regulations concerning program structure, credit requirements, grading systems, examination schemes, and academic progression.
- Institute policies for credit transfer, lateral entry, and other academic flexibilities.

3. Assessment and Evaluation:

- Conduct internal and end-semester examinations, project evaluations, and other modes of continuous assessment.
- Design and implement assessment methodologies aligned with learning outcomes and Bloom's taxonomy.

4. Academic Calendar:

- Independently schedule academic activities, including the academic calendar, examinations, and co-curricular engagements.

5. Certification and Degrees:

- Recommend the award of degrees and diplomas to the affiliating university, with the institution's name reflected on the certificate.
- Issue provisional certificates, transcripts, and other academic credentials.

6. Financial Provisions:

- As this policy pertains solely to academic autonomy, all decisions related to total fees, including tuition fees, development fees etc., shall remain in accordance with the rules and directives issued by the Government of Maharashtra.
- All eligible students shall continue to have access to government scholarship schemes and related financial assistance programs, as per prevailing norms.

4. Governance and Regulatory Compliance:

While exercising academic autonomy, the institution shall function within the framework prescribed by the University Grants Commission (UGC), All India Council for Technical Education (AICTE), the affiliating university, and other relevant statutory authorities. In order to ensure effective academic and administrative governance, the following statutory and non-statutory bodies shall be established and maintained:

1. Statutory Bodies:

The following statutory bodies shall be constituted as per applicable regulations to govern academic and financial matters:

- **Governing Body:** The apex decision-making body responsible for overall policy direction, institutional development, and strategic oversight.
- **Academic Council:** The principal academic authority that shall oversee academic planning, curriculum approval, implementation of academic policies, and maintenance of academic standards.
- **Board of Studies (BoS):** Department-level academic bodies responsible for designing, updating, and reviewing curricula and

syllabi in alignment with industry needs and academic developments.

- Finance Committee: A statutory body responsible for financial planning, budget approval, and monitoring of resource allocation in accordance with government norms and institutional priorities.

2. Non-Statutory Committees:

In addition to statutory bodies, the institution shall establish the following non-statutory committees to support quality enhancement and academic operations:

- Internal Quality Assurance Cell (IQAC): A dedicated unit to plan, guide, and monitor institutional efforts toward continuous quality improvement in academic and administrative processes.
- Board of Examination (BoE): A committee responsible for examination planning, implementation, evaluation processes, and ensuring integrity and transparency in assessments.
- Other Committees: Various academic, administrative, and student welfare committees (e.g., Research Committee, Anti-Ragging Committee, Grievance Redressal Cell, Innovation and Entrepreneurship Cell) shall be formed as per institutional requirements to support governance and operational efficiency.

All statutory and non-statutory bodies shall function in a coordinated manner to ensure effective implementation of academic autonomy while maintaining compliance with regulatory guidelines and upholding institutional accountability.

5. Statutory Committees: Composition and Functions:

To ensure transparent, accountable, and efficient governance under the framework of academic autonomy, the institution shall constitute the following statutory committees as per the guidelines prescribed by the University Grants Commission (UGC), All India Council for Technical Education (AICTE), affiliating university, and the Government of Maharashtra.

1. Governing Body:

Table No. 2: Composition of Governing Body		
Number	Category	Nature of Nomination
5 Members	Management Representatives	Nominated by the Parent Body as per its constitution or bye-laws; one member shall act as Chairperson

2 Members	Teachers of the College	Nominated by the Principal based on seniority, by rotation
1 Member	Administrative Staff	Administrative Officer or senior administrative staff
1 Member	Educationist or Industrialist	Nominated by the Management
1 Member	State Government Nominee	An academican not below the rank of Professor or a Government official from the Directorate of Higher Education/State Council of Higher Education
1 Member	University Nominee	Nominated by the affiliating University
1 Member	Principal of the College	Member Secretary

● **Functions of the Governing Body:**

Subject to the existing provisions in the bye-laws of the respective autonomous college and the rules and regulations laid down by the State Government and the affiliating university, the Governing Body shall perform the following functions:

- Strategic Guidance: Provide overall policy and strategic direction to the institution in alignment with the objectives for which the autonomous status has been conferred.
- Institutional Development: Guide the autonomous college in academic, administrative, and infrastructural development to ensure quality and excellence in higher education.
- Approval of Academic Programs: Approve the introduction of new academic programs, courses, or disciplines leading to degrees, diplomas, or certifications, as recommended by the Academic Council.
- Scholarships and Awards: Institute scholarships, fellowships, studentships, medals, prizes, and certificates on the recommendations of the Academic Council to encourage academic excellence and student achievement.
- Faculty Recruitment: Ensure that the recruitment of teaching faculty and the Principal is carried out in accordance with the policies and procedures prescribed by the University Grants Commission (UGC), State Government, and the affiliating university.

Recruitment shall be carried out either by the Governing Body or the State Government, as applicable.

- Budgetary Oversight: Review and approve the annual budget and financial statements of the institution, ensuring optimal and transparent use of resources.
- Constitution of Committees: Constitute such sub-committees or advisory bodies as may be necessary for the effective governance and development of the institution.
- Regulatory Compliance: Ensure that the institution adheres to all relevant statutory and regulatory requirements issued by competent authorities.

Note: The current composition of the Governing Body is provided in Annexure 1.1.

2. Academic Council:

Table No. 3: Composition of Academic Council		
Sr. No.	Category	Details
1	Chairperson	The Principal of the Autonomous College
2	Heads of Departments	All Heads of Academic Departments in the College
3	Teaching Faculty Representatives	Four teachers representing different categories of teaching staff, nominated by rotation based on seniority of service
4	External Experts/Academicians	Not less than four experts from outside the college, representing areas such as Industry, Commerce, Law, Education, Medicine, Engineering, Sciences, etc., nominated by the Governing Body
5	University Nominees	Three nominees of the affiliating University, not below the rank of Professor
6	Controller of Examinations	The Controller of Examinations of the Autonomous College
7	Member Secretary	One faculty member nominated by the Principal

● Functions of Academic Council:

- Curriculum and Academic Regulation Review: Scrutinize and approve the proposals of the Board of Studies with or without modifications in respect of: Courses of study, Academic regulations,

Curricula and syllabi, Modifications or updates to existing programs, Instructional and evaluation arrangements, methods, and procedures. In case of disagreement with any proposal from the Board of Studies, the Academic Council shall have the authority to: Return the matter to the respective Board of Studies for reconsideration, or Reject the proposal, providing written reasons for the decision.

- Admission Regulations: Frame and approve regulations regarding the admission of students to various academic programs, in accordance with the policies of the Government of Maharashtra and other regulatory authorities.
- Regulations for Student Life and Activities: Make regulations for the conduct of sports, extra-curricular and co-curricular activities. Ensure proper maintenance and functioning of hostels, playgrounds, and other student welfare facilities.
- Program Development: Recommend to the Governing Body the introduction of new academic programs or courses, based on industry trends, societal needs, and emerging areas of knowledge.
- Student Support and Recognition: Recommend to the Governing Body the institution of Scholarships, Studentships, Fellowships, Prizes and medals. Frame regulations for the eligibility, selection, and award of such recognitions.
- Advisory Role: Advise the Governing Body on any academic matters or proposals referred to the Academic Council, or on its own initiative, in the interest of academic development.
- Other Assigned Functions: Perform such other academic functions as may be assigned by the Governing Body, in line with institutional goals and regulatory requirements.

Note: The current composition of the Academic Council is provided in Annexure 1.2.

3. Board of Studies:

Table No. 4: Composition of Board of Studies

Sr. No.	Category	Details
1	Chairperson	Head of the Department concerned
2	Internal Faculty Members	All faculty members of the Department

3	External Subject Experts	Two subject experts from outside the parent University, to be nominated by the Academic Council
4	Vice-Chancellor's Nominee	One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the Principal/Director
5	Industry/Corporate Sector Representative	One representative from industry, corporate sector, or allied areas, to be nominated by the Principal/Director
6	Alumni Representative	One member of the College alumni, to be nominated by the Principal/Director
7	Special Course Experts	Experts from outside the Autonomous College, to be nominated by the Principal when special courses are formulated

• **Functions of Board of Studies:**

- Curriculum Development: Recommend courses of study to be offered by the department, including new programs, syllabi revisions, and elective courses.
- Academic Quality Enhancement: Propose measures for the improvement of teaching and research standards within the department.
- Advisory Role: Advise the Academic Council on any other academic matters referred to it or deemed necessary for academic advancement.

Note: The current composition of the Board of Studies is provided in Annexure 1.3.

4. Finance Committee:

Table No. 5: Composition of Finance Committee		
Sr. No.	Category	Details
1	Chairman	Principal/Director of the Autonomous College

2	Nominee of the Governing Body	One person nominated by the Governing Body of the Autonomous College, for a term of two years
3	Faculty Member	One senior-most faculty member, to be nominated in rotation by the Principal for a period of two years
4	Member Secretary	Finance Officer / Officer in-charge of Finance and Accounts of the Autonomous College

- **Functions of Finance Committee:**

The Finance Committee shall function as an advisory body to the Governing Body of the Autonomous College and shall be responsible for the following:

- Budget Consideration – To examine and make recommendations on the budget estimates related to:
 - Grants received or to be received from funding agencies;
 - Income from student fees and other revenue sources.
- Audit Review – To consider and recommend approval of audited financial statements pertaining to the above sources of funds.

Note: The current composition of the Finance Committee is provided in Annexure 1.4.

6. Syllabus Creation Process for Autonomous Engineering Institute under NEP 2020:

1. Curriculum Framework Development by Academic Council (AC):

- The Academic Council develops a semester-wise curriculum framework for all programs aligned with NEP 2020 directives, guidelines from UGC, AICTE, and other government/regulatory bodies.
- The framework specifies:
 - Distribution of courses according to different course categories specified by NEP 2020.
 - Credits required for the completion of the degree program.
 - Additional credits and criteria for:
 - Multidisciplinary minor,
 - Honors,
 - Research minors,

- Specialization minors.
- Credit requirements and criteria for multiple entry and exit points from the program, supporting flexible learning paths in line with NEP 2020 (e.g., certificate, diploma, degree exit options).

2. Stakeholder Consultation:

- The Board of Studies (BoS) engages with key stakeholders to gather inputs for syllabus design, including:
 - Faculty members,
 - Students,
 - Alumni,
 - Industry experts,
 - Employers.
- This consultation ensures the syllabus reflects industry needs, emerging technologies, and student expectations.

3. Drafting the Syllabus by BoS:

- **Course Structure Design:**
 - The Board of Studies (BoS) decides the specific courses to be offered based on the semester-wise curriculum framework developed by the Academic Council and inputs gathered through stakeholder consultation.
 - The selected courses are designed to provide a strong foundational background in the core discipline while promoting a multidisciplinary and holistic educational experience.
 - Courses are carefully aligned with the Program Outcomes (POs) and Program Specific Outcomes (PSOs) to ensure that the curriculum contributes effectively to the overall learning goals of the program.
 - The course structure aims to enhance the quality of learning, equipping students with technical knowledge, critical thinking skills, ethical awareness, and the ability to apply interdisciplinary concepts to real-world problems.
- **Content Development:**
 - For each course, BoS defines:
 - Course objectives and learning outcomes (CLOs)
 - Detailed syllabus content/modules/experiments/activities
 - Recommended textbooks and reference materials
 - Teaching and learning methodologies
 - Assessment and evaluation methods

While preparing detailed course content/modules, consider the following:

- Emphasis on Core Discipline: Ensure that the content solidly covers fundamental and advanced topics within the core discipline to build strong subject expertise.
- Relevance and Currency: Ensure topics reflect the latest developments, emerging technologies, and industry standards.
- Depth and Breadth: Balance foundational concepts with advanced topics to cater to diverse student capabilities.
- Alignment with Learning Outcomes: Content must directly support achieving the defined COs and POs.
- Interdisciplinary Connections: Include links to other disciplines where applicable, promoting integrated learning.
- Practical Application: Embed examples, case studies, real-world problems, and hands-on activities.
- Student Engagement: Use interactive and participatory elements to promote active learning.
- Resource Availability: Ensure availability of suitable textbooks, references, and digital learning materials.
- Feasibility: Consider the available teaching expertise, lab facilities, and time constraints.

4. Review and Recommendation by BoS:

- BoS members review the syllabus draft in detail for academic rigor, industry relevance, and compliance with NEP 2020 principles.
- Necessary revisions are suggested and incorporated to ensure quality and alignment with institutional goals.

5. Approval by Academic Council:

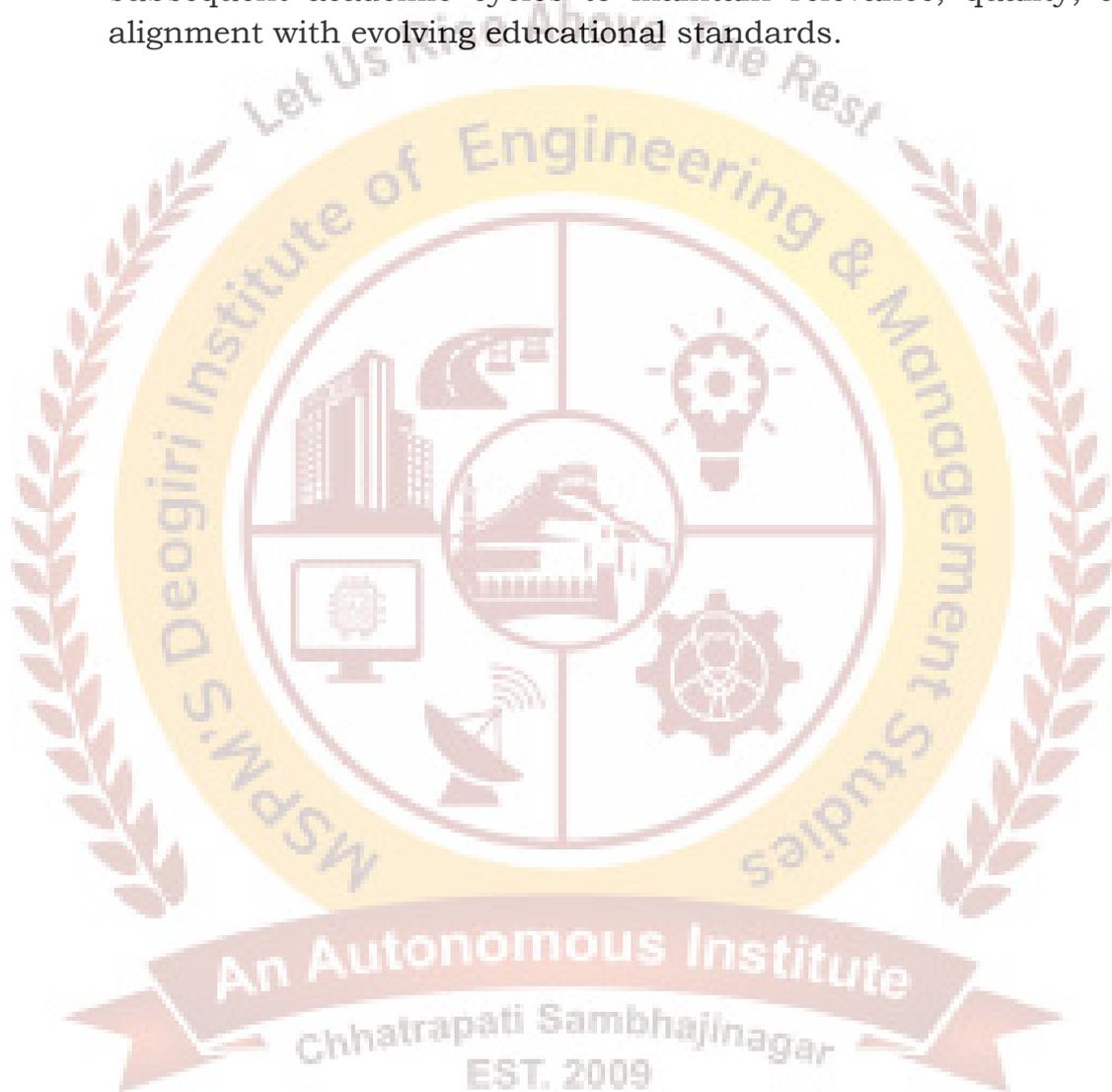
- The final syllabi recommended by BoS are presented again to the Academic Council.
- AC performs a cross-disciplinary review and ensures uniformity and adherence to the curriculum framework.
- Upon satisfaction, AC grants formal approval for the syllabi.

6. Implementation and Dissemination:

- Approved syllabi are published and made accessible to all stakeholders (faculty, students, administration).
- Faculty development programs are organized to familiarize instructors with new content and pedagogy.
- Student orientation sessions are held to explain curriculum structure, course choices, and learning outcomes.

7. Continuous Monitoring and Feedback Loop:

- Periodic Review: BoS conducts regular reviews of syllabi based on student academic performance, feedback from faculty, students, and industry, latest technological and pedagogical trends.
- Feedback Collection: Systematically collect feedback through surveys, focus groups, and meetings with stakeholders.
- Iterative Improvements: Update syllabus content and structure in subsequent academic cycles to maintain relevance, quality, and alignment with evolving educational standards.



3. Admissions

1. Definitions:

1. **Regular Entry:** Admission of students into the first year, second year (excluding lateral entry admissions), third year, or final year of the program during odd semesters.
2. **Lateral Entry:** Admission of students directly into the second year of the program on the basis of a diploma qualification, as per applicable regulations.

2. Admissions Process and Eligibility:

The process and eligibility criteria for admission to various B.Tech. programs, whether through regular entry (first year) or lateral entry (second year)—shall be strictly in accordance with the norms and procedures prescribed by the Government of Maharashtra.

Admission to the First Year of B.Tech. programs shall be carried out primarily through the MHT-CET examination conducted by the State Common Entrance Test Cell, Maharashtra, as well as the Joint Entrance Examination (JEE Main), conducted by the National Testing Agency (NTA), as per prevailing government regulations and admission guidelines.

Eligible candidates may also be admitted under the Prime Minister's Special Scholarship Scheme (PMSSS) for students from the Union Territories of Jammu & Kashmir and Ladakh, in accordance with the guidelines and procedures prescribed by the competent authority implementing the scheme, as amended from time to time.

3. Permanent Registration Number (PRN)/Enrolment Number (EN):

1. Each student shall be assigned a Permanent Registration Number (PRN)/Enrolment Number (EN) at the time of admission.
2. The PRN/EN shall serve as the student's unique and permanent identification number for all academic and administrative purposes.
3. The PRN/EN shall remain unchanged throughout the student's association with the institute, irrespective of year repetitions, or any other academic circumstances.
4. Once allotted, a PRN/EN shall not be reassigned to any other student, even after the original student's admission is cancelled, or if the student completes the program, withdraws, or is expelled.
5. The PRN/EN shall remain valid until the student either successfully completes the program, cancels their admission, or is formally expelled from the institute.

4. Admission for First Year (Regular Entry) and Second Year (Lateral Entry):

1. Admissions for first year (regular entry) and second year (lateral entry) shall be conducted strictly in accordance with the rules, regulations, and eligibility criteria prescribed by the Government of Maharashtra.
2. The admission process shall be carried out as per the official schedule announced by the Government of Maharashtra.
3. No admissions shall be made outside the prescribed schedule.

4. Admission and Registration for Regular Entry into Second, Third, and Fourth Year:

1. Schedule of Admission: Admissions for regular entry into the second, third, and fourth years shall be conducted strictly in accordance with the schedule announced by the Administrative Office.
2. Late registration may be permitted only under valid and documented reasons, subject to the payment of the applicable late registration fee.
3. No registration shall be accepted beyond the prescribed last date. Failure to complete registration by the prescribed last date shall render the student liable for cancellation of studentship.
4. Clearance of Dues: Students with outstanding dues towards the Institute or the hostel shall be permitted to register only after settling all such dues in full.
5. For admission to the second, third, or fourth year through regular entry, a student must have successfully completed the minimum number of credits in the preceding semesters, as stipulated under the Promotion Rules prescribed by the Institute.
6. Only students meeting the credit requirements for promotion, as determined by the Institute's academic regulations, shall be eligible for admission to the next academic year.

5. Eligibility for Admission to Even Semester:

1. A student registered in an odd semester shall be eligible for admission to the courses offered in the corresponding even semester of the same academic year, irrespective of the Semester Grade Point Average (SGPA) or the number of credits earned in the odd semester.
2. However, a student who has been detained in the odd semester shall not be permitted to register for the even semester.

6. Entry of Students from University Pattern to Autonomous Pattern:

1. Eligibility for Transition: A student of DIEMS, Chhatrapati Sambhajanagar, admitted under the pre-autonomous status shall become eligible for admission under the autonomous status only in an odd semester (i.e., Semester I, III, V, or VII), provided that:

- a. The student has cleared all backlog subjects, or
 - b. The student fulfills the prevailing Promotion Rules of Dr. Babasaheb Ambedkar Technological University (Dr. BATU), Lonere.
 - c. The student completes necessary equivalency courses prescribed by the BoS.
2. Clearing Backlog Subjects: After taking admission under the autonomous status of DIEMS, Chhatrapati Sambhajinagar, such students shall clear remaining backlog subjects from the Dr. BATU curriculum by appearing for the respective examinations conducted by Dr. BATU, Lonere.
 3. Additional Academic Requirements/Equivalence: Students transitioning to the autonomous status shall undergo additional academic requirements, including bridge courses, as specified by the Board of Studies (BoS) of the respective department, to ensure alignment with the DIEMS autonomous curriculum.
 4. Subjects with Condonation: Students who have obtained condonation in any subject of the Dr. BATU curriculum shall be deemed to have cleared that subject.
 5. Awards and Medals: Students entering the autonomous pattern through this transition process shall not be eligible for any medals or awards instituted by the Institute.

7. Change of Program:

1. Eligibility to Apply: Students shall be eligible to apply for a change of program only after successful completion of the first two semesters of the program in which they were initially admitted.
2. Change of program shall be permitted strictly on a merit basis, and shall be subject to the admission rules and regulations prevailing at the time of such change.
3. Only students who have no "Fail" grades and no backlog courses in the first two semesters shall be eligible to apply. Eligible students may indicate their choices for program change in order of preference.
4. A request for change of program from Program X to Program Y shall be considered only if the number of students in Program Y after such change does not exceed its sanctioned intake capacity.
5. All such program transfers shall be allowed only once, and only at the beginning of the second academic year of the four-year undergraduate program. Applications for a change of program in subsequent academic years shall not be entertained.
6. Students transferring to another program shall be required to complete additional academic requirements, including equivalence

courses, as specified by the Board of Studies (BoS) of the respective department.

8. Temporary Withdrawal from the Program:

1. A student may be permitted to withdraw temporarily from the program of study only for reasons beyond the student's control (e.g., medical, personal, or other exceptional circumstances), subject to the following rules:
2. Temporary withdrawal shall normally be granted for a complete academic year only.
3. Application Procedure: The student shall submit a formal application to the Director stating the reasons for withdrawal, along with Relevant supporting documents, written consent from parents/guardians, Recommendation from the Head of the Department (HoD), and Clearance / No Dues Certificate from all concerned sections and departments.
4. Approval Process: The Dean (Academics) shall review the application, verify the details, and forward the case with recommendations for approval to the Academic Council (AC).
5. Limit on Number of Withdrawals: A student shall normally be entitled to avail the temporary withdrawal facility only once during the entire program. Any subsequent request for withdrawal shall require specific approval from the Academic Council (AC).

9. Termination from the Program:

A student's registration in the program may be terminated under any of the following circumstances:

- a. Violation of Discipline: If the student is found to be involved in ragging or fails to comply with the disciplinary regulations stipulated by the Institute.
- b. Not Fit for Technical Education (NFTE): If the student is not eligible for admission to the second year, with or without Promotion Rules, within three years from the date of initial admission, the student shall be declared as "Not Fit for Technical Education" (NFTE), leading to discontinuation of registration with the Institute. Such cases shall be presented before the Academic Council (AC). Based on the student's academic progress, the AC may decide on the continuation or discontinuation of the student's registration.
- c. Failure to Complete the Program within the Prescribed Duration:
The maximum permissible duration for completing the B.Tech. degree shall be:
 - 12 semesters (six academic years) for students admitted in the first semester of the undergraduate program.

- 10 semesters (five academic years) for lateral entry students admitted in the third semester.

This maximum duration shall include periods of withdrawal, absence, and all types of leave permissible to the student, but shall exclude any period of rustication from the Institute. Students failing to complete the program within the prescribed duration shall be declared as "Failed to Complete the B.Tech. Program". In genuine cases, upon confirmation of valid reasons, an extension beyond the prescribed duration may be granted by the Academic Council.

10. Multiple Entry and Exit Path:

Multiple Entry and Exit provisions shall be implemented in accordance with the Rules, Regulations, and Guidelines issued under the National Education Policy (NEP) 2020 and directives of the competent regulatory authorities, as amended from time to time.



4. Attendance

1. Attendance Requirements:

1. Students are expected to maintain 100% attendance in all registered courses, including lectures, tutorials, laboratory sessions, seminars, mini-projects, and projects.
2. Attendance is compulsory and shall be rigorously monitored throughout the semester.
3. Students falling short of the required attendance shall be informed of their deficiency at the end of every month.

2. Permissible Absence:

1. A maximum of 25% absence from the total scheduled classes in a course may be permitted only on valid and documented grounds, such as illness, death of an immediate family member (father, mother, sister, or brother), participation in officially recognized sports events representing the Institute, University, State, or Nation, or other emergency circumstances beyond the control of the student.
2. Such absence shall be considered only upon approval by the Head of the respective Department (HoD), based on verification of supporting documents.

3. Action for Shortage of Attendance:

1. The Head of the Department (HoD) shall report to the Dean (Academics) all cases where a student's attendance falls below 75%, based on the official attendance records.
2. Upon a rigorous review of such cases, the Dean (Academics) shall forward the case with recommendations to the Director, and the Director may decide to detain the student for the entire academic year, as per institutional rules and regulations.
3. The Director shall have the authority to waive up to 15% of the prescribed attendance requirement in deserving and exceptional cases, subject to proper justification and submission of supporting documentation.
4. A detained student shall be required to re-register for that academic year in the subsequent academic year and complete all academic requirements afresh.
5. In exceptional and well-documented circumstances (such as prolonged medical illness, accidents, or other emergencies beyond the student's control), the Dean (Academics) may recommend, and the Academic Council (AC), chaired by the Director, may approve a

one-time relaxation of the detention, subject to the student fulfilling additional academic requirements as prescribed.



5. Curriculum

1. Curriculum:

1. Definition:

- Each academic program shall have a prescribed course structure, herein referred to as the Curriculum of the Program of Study.
- The curriculum specifies:
 - The courses to be studied in each semester;
 - Credits assigned to each course;
 - Scheduled teaching hours;
 - The evaluation scheme;
 - The minimum requirements for earning credits.

2. Curriculum Development and Revision:

- The curriculum shall be developed, revised, and periodically updated as a continuous process, in accordance with the Outcome-Based Education (OBE) framework by the Academic Council (AC).
- All revisions shall comply with guidelines issued by the All India Council for Technical Education (AICTE), the University Grants Commission (UGC), and other relevant statutory bodies from time to time.
- The curriculum design shall follow the AICTE Model Curriculum guidelines, with suitable modifications as approved by the Academic Council (AC) of the Institute.

3. Publication and Availability:

- A detailed Curriculum Booklet, containing the complete course structure and the syllabus for each course in every program, shall be updated periodically and made available to students through official channels.

2. Curriculum Content:

1. The medium of instruction for all coursework and examinations at the College shall be English, except for the Modern Indian Language II course, which shall be conducted in the respective language of study.
2. The coursework for each program shall be broadly categorized into the following main course groups:
 - Basic and Engineering Science Courses
 - Program Courses
 - Humanities, Social Science, and Management Courses
 - Experiential Learning Courses
 - Liberal Learning Courses

- Open Elective Courses
- Multidisciplinary Minor Courses
- Vocational and Skill Courses
- Audit Courses

- *Basic and Engineering Science Courses:*

Courses providing the fundamental scientific, mathematical and engineering foundation essential for all engineering disciplines, enabling analytical thinking and problem-solving.

- *Program Courses:*

Program Core Courses: Mandatory courses within the chosen discipline that impart essential knowledge, skills, and methodologies required to achieve program outcomes and professional competence.

Program Elective Courses: Specialized or advanced courses within the discipline that offer academic flexibility, allowing students to deepen expertise in areas of interest and emerging technologies.

- *Humanities, Social Science, and Management Courses:*

Courses aimed at developing communication, ethics, leadership, and socio-cultural awareness, ensuring holistic development and responsible professional practice.

- *Experiential Learning Courses:*

Practice-oriented courses such as labs, projects, and internships that integrate theory with real-world application, fostering innovation, teamwork, and problem-solving.

- *Liberal Learning Courses:*

Courses beyond engineering that broaden intellectual horizons through exposure to sports, arts, culture, philosophy, and allied disciplines, promoting holistic growth.

- *Open Elective Courses:*

Courses outside the parent discipline that encourage interdisciplinary learning, flexibility, and adaptability. Students must compulsorily select courses from other disciplines, but may choose from multiple disciplines without being restricted to one.

(For example, a Mechanical Engineering student may select “Data Analytics” from the Computer Science department in Semester III, “Environmental Impact Assessment” from the Civil Engineering department in Semester IV, and “Digital Electronics” from the Electronics and Telecommunication Engineering department in Semester V. This flexibility allows

students to explore diverse fields and acquire knowledge beyond their core specialization.)

- *Multidisciplinary Minor Courses:*

A structured set of courses in other disciplines, complementing the major area of study. Students must compulsorily select courses from another discipline and are required to remain in that chosen discipline throughout the program to complete the minor.

(For example, a Mechanical Engineering student opting for a minor in Computer Science and Engineering would take a prescribed sequence of courses such as “Introduction to Programming” in Semester III, “Data Structures and Algorithms” in Semester IV, “Database Management Systems” in Semester V, “Computer Networks” in Semester VI, and “Artificial Intelligence Fundamentals” in Semester VII. In this case, the student is bound to the Computer Science discipline for all minor courses and cannot switch to another discipline later.)

- *Vocational and Skill Courses:*

Vocational and Skill Courses are designed to provide students with practical, industry-relevant skills that enhance employability and professional competence. These courses focus on hands-on training, technical proficiency, and application-oriented knowledge in specific tools, technologies, or practices.

- *Audit Courses:*

Audit Courses allow students to study a subject without earning credits toward the degree. If audit courses are made compulsory in the curriculum structure, students are required to register for and complete them. These courses enable learners to acquire additional knowledge or skills for personal or professional enrichment, without earning academic credits.

Audit courses shall not be considered in SGPA or CGPA calculations. Such courses shall be evaluated on a Pass (P) / Not Pass (NP) basis. In cases where an audit course is prescribed as mandatory in the curriculum structure, obtaining a Pass (P) grade shall be compulsory for eligibility for the award of the degree.

3. Course Credit System:

1. Each academic program shall prescribe a minimum quantum of work, expressed in terms of credits, that a student must earn in order to be eligible for the award of the degree.
2. The method of calculating the number of credits assigned to a course in any semester shall be as specified in Table 6 of this document.
3. Theory Courses generally consist of Lecture hours (L) and Tutorial hours (T). Tutorial hours may not be assigned to a theory course if it has an associated laboratory course.
4. Laboratory Courses consist of Practical hours (P) conducted in a Laboratory, Computer Labs, Drawing Hall, or Workshop.
5. In addition to theory and laboratory courses, students are required to complete other academic components as part of the program, which may include: Seminars, Mini-projects, Major projects, and Industrial training/internships. at various stages of the program.

Table No. 6: Calculation of Number of Credits for a Course

Sr.No.	Course Component	Credit Allocation
1	Lecture: 1 hour per week	1 credit
2	Tutorial: 1 hour per week	1 credit
3	Practical / Laboratory / Drawing: 2 hours per week	1 credit
4	Seminar / Mini Project: 2 hours per week	1 credit

4. Course Description Format:

1. Each course syllabus shall be documented in a standardized format and shall include the following mandatory elements:
 - a. Course Code — A unique alphanumeric identifier for the course.
 - b. Course Title — The official name of the course.
 - c. Prerequisites — Details of the prior knowledge, skills, or courses that a student must have successfully completed before enrolling in the course.
 - d. Teaching Hours per Week — Specified separately for Lectures (L), Tutorials (T), Practical/Laboratory/Drawing (P), Seminar, and Project components, as applicable.
 - e. Credits — Calculated as per the credit allocation rules defined in Table No. 6.
 - f. Course Outcomes (COs) — Clearly stated, measurable learning outcomes, aligned with the appropriate levels of Bloom's Taxonomy.

- g. Assessment Scheme — Details of the evaluation process, including components such as internal assessments, practical evaluations, mid-semester examinations, end-semester examinations, and the weightage assigned to each component.

5. Requirements for Earning Course Credit:

A student shall be awarded credits for a course only upon fulfilling both of the following minimum academic requirements:

- Attendance Requirement — Meeting the minimum attendance percentage as prescribed in the Institute's Attendance Regulations.
- Evaluation Requirement — Securing the minimum marks/grade in the course assessments as prescribed in the Institute's Examination and Evaluation Regulations.

No credits shall be awarded if a student:

- Meets the minimum attendance requirement but fails to meet the minimum evaluation requirement; or
- Meets the minimum evaluation requirement but fails to meet the minimum attendance requirement.

6. Total Credits Required to Earn the Degree:

1. The total number of credits required for the successful completion of an undergraduate program shall be between 155 and 170, as specified in the approved course structure of the respective program.
2. Extra credits may be required for completion of additional academic components such as Multidisciplinary Minor, Honours, Research, or Specialization Minor, either individually or in combination, as prescribed in the curriculum and in alignment with the provisions of the National Education Policy (NEP) 2020.
3. A student shall normally register for approximately 20 credits per semester.
4. The maximum number of credits permitted in a semester shall not exceed 25, and registration for credits beyond the normal load shall require prior approval of the Academic Council.
5. The exact number of credits required for the award of the degree shall be as specified in the detailed course structure of the respective program.

7. Audit Courses:

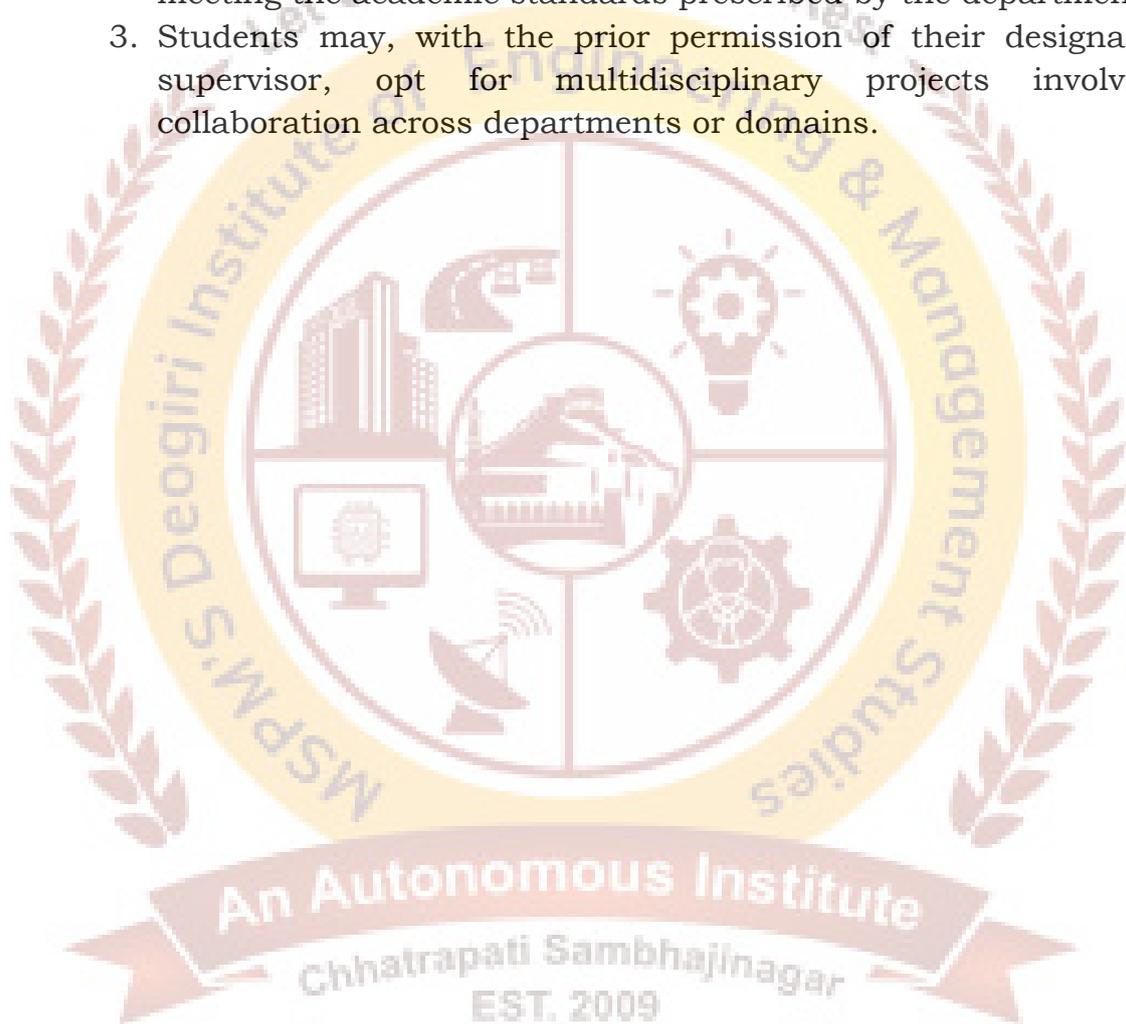
1. A student shall be required to successfully complete the audit course(s) specified for a given semester. Such courses may be prescribed either as Institute requirements or Department requirements.

2. A student shall be required to successfully complete the audit course(s) specified for a given semester. Such courses may be prescribed either as Institute requirements or Department requirements. Where audit courses are specified as mandatory in the curriculum structure, registration and successful completion shall be compulsory for all students.
 3. An audit course may include either a regular course prescribed in the program structure, or identified as a prerequisite for a higher-level course, or programs or activities such as practical training, industrial training, or internship, industry visits, societal/community engagement activities, or any other activity as specified by the Institute from time to time.
 4. Audit courses shall not carry any credits and shall not be considered in the calculation of SGPA or CGPA.
 5. The performance in an audit course shall be evaluated through in-semester assessments and any additional evaluation criteria as determined by the Board of Studies (BoS) of the respective department.
 6. The outcome shall be recorded in the student's Grade Card as follows:
 - a. "P" (Pass) – for satisfactory performance.
 - b. "NP" (Not Pass) – for unsatisfactory performance.
 7. In cases where an audit course is prescribed as mandatory in the curriculum structure, obtaining a "P" (Pass) grade shall be compulsory for eligibility for the award of the degree.
8. Seminar and Mini Project:
1. If a seminar is a course requirement, the student shall, under the guidance of an instructor, conduct an in-depth study in a specialized area through literature survey, understanding relevant theoretical and practical aspects, studying research papers, correlating and critically comparing the work of various authors, analyzing concepts, techniques, and results, presenting case studies, and compiling these findings in a seminar report.
 2. The student must present the seminar before a departmental panel, and the evaluation shall be based on the depth of work, understanding of the problem, technical quality of the report, and the quality of the presentation.
 3. Students are encouraged to undertake mini projects in small groups to gain real-life problem-solving experience, hands-on exposure, and application of theoretical knowledge to practice, using relevant tools and technologies. The scope, timelines, and

deliverables of such projects shall be decided by the department or the instructor in alignment with program objectives.

9. Project:

1. If a project is a course requirement, the student shall, under the guidance of a designated supervisor, undertake innovative, contributory, or developmental work that demonstrates the application of knowledge and skills acquired through relevant theory and laboratory courses in the program of study.
2. The project shall require the student to exhibit both analytical abilities and practical implementation skills, with outcomes meeting the academic standards prescribed by the department.
3. Students may, with the prior permission of their designated supervisor, opt for multidisciplinary projects involving collaboration across departments or domains.



6. Academic Calendar

1. The normal duration of the B.Tech. The degree program shall be eight (8) semesters.
2. Each academic year shall consist of two (2) semesters, each with a minimum duration of ninety (90) working days, inclusive of in-semester examination periods.
3. The schedule of academic activities for each semester, including registration dates, in-semester evaluations, end-semester examinations, re-examinations, inter-semester vacations, and other relevant academic events, shall constitute the Academic Calendar for that semester.
4. The Academic Calendar shall be prepared by the Dean (Academic), with assistance from all Board of Studies (BoS) Chairpersons, approved by the Academic Council, and announced at least two (2) weeks prior to the opening date of the upcoming semester.
5. All academic activities shall be conducted strictly in accordance with the Academic Calendar, and all departments, faculty members, and students shall adhere to it without deviation, except with approval from the competent authority. All other activities, including co-curricular and extra-curricular programs, shall be scheduled so as not to interfere with the curricular activities prescribed in the Academic Calendar.
6. In the event that any scheduled teaching day is declared a holiday or classes are suspended for any reason, the lost instructional time shall be compensated. The Board of Studies (BoS) Chairperson of the respective program shall recommend appropriate makeup sessions. The Dean (Academics), after consultation with the Academic Council (AC) Chairman and obtaining his approval, shall formally notify the conduct of the makeup sessions, which may be scheduled on alternate days following the timetable of the lost teaching day.

An Autonomous Institute

Chhatrapati Sambhajnagar
EST. 2009

7. Code of Conduct

1. Participation in, abetment of, or encouragement of ragging, in any form, is strictly prohibited. Any student found guilty of ragging shall face strict disciplinary action in accordance with the Maharashtra Prohibition of Ragging Act and its subsequent amendments.
2. If, at any stage, it is established that a student has submitted false, forged, or misleading information or documents in connection with admission, the student's admission shall be immediately cancelled, the student shall be expelled from the Institute, and all fees paid shall be forfeited.
3. Any student found guilty of malpractice in examinations shall be penalized in accordance with the recommendations of the Lapses Committee and the applicable Examination Rules. The maximum penalty may include permanent expulsion from the Institute.
4. Every student must uphold discipline and decorum both inside and outside the campus. Any act that brings disrepute to the Institute's image and reputation will invite disciplinary action. All complaints of indiscipline reported to the appropriate authority shall be formally investigated by the Institute. If the charges are substantiated, appropriate penalties shall be imposed.
5. Each student shall be issued an official photo identity card, which must be carried at all times within the Institute premises. Any alteration, intentional mutilation, misuse, or allowing another person to use one's ID card shall be considered a disciplinary offence. The ID card must be produced upon demand by any authorized person. Refusal to present a valid ID card will result in disciplinary action. In case the Identity Card is misplaced, lost, or damaged, the student must immediately report the matter to the designated authority and apply for a duplicate card through the proper channels. The application for a duplicate Identity Card must be completed within seven (7) calendar days of the loss or damage, failing which the student may be subject to disciplinary action or denial of access to certain Institute facilities.
6. Students must keep their mobile phones switched off during instructional hours, inside the Institute building, library, reading room, and other designated academic spaces. During any test or examination, possession of a mobile phone—whether switched on or off—will result in disciplinary action and debarment from the respective test/examination.
7. Students must enter the campus in the Prescribed Uniform only. Wearing any attire that violates the civil society norms or is deemed inappropriate by Institute authorities is strictly prohibited.
8. On occasions such as interviews, placement activities, official meetings, and other formal functions, all students shall wear formal apparel, which

includes a formal shirt, formal trousers, and formal leather shoes. The shirt must be neatly tucked in, and students shall be well-groomed with a clean and tidy appearance. Accessories, if worn, shall be minimal and professional in nature. Compliance with this dress code is mandatory, and students are expected to maintain a professional appearance at all such events.

9. Any act listed below is strictly forbidden within or outside the premises of the Institute. If an act constitutes a criminal offence, the Institute shall take action in accordance with the laws of the land, including reporting the matter to law enforcement authorities. If the act is not classified as a criminal offence but is still a violation of institutional discipline, the Institute shall take strict disciplinary action as per its Code of Conduct and disciplinary procedures.
- Indecent Behaviour – Lack of courtesy and decorum, indecent or offensive conduct anywhere within or outside the campus.
 - Vandalism and Theft – Willful damage to, or unauthorized removal of, any property belonging to the Institute, hostel, fellow students, or citizens.
 - Possession or Use of Prohibited Substances – Possession, consumption, or distribution of alcoholic drinks, narcotics, or hallucinogenic drugs.
 - Library Misconduct – Mutilation, defacement, or unauthorized possession of library books or materials.
 - Disruption of Academic Environment – Noisy, disruptive, or unruly behaviour disturbing the studies or activities of fellow students.
 - Cyber Offences – Hacking into computer systems, unauthorized access to another person's files or data, manipulation or damage of computer hardware or software, or committing any other form of cybercrime.
 - Plagiarism – Copying, reproducing, or presenting another's work, ideas, or data without proper acknowledgment, in any form.
 - Any Other Act of Gross Indiscipline – As may be defined and decided by the Academic Council from time to time.
10. Jurisdiction of Authorities:
- a. Chief Rector – Authority to take action for offences committed in the hostel premises.
 - b. Head of Department (HoD) – Authority to take action for offences committed in the respective department or classroom.
 - c. Head (Student Affairs) – Authority to take action for offences committed in other Institute areas.
 - d. Controller of Examinations – Authority to handle cases of academic malpractice during examinations.
 - e. Dean (Academics) – Authority to oversee and take necessary decisions on matters related to academic regulations, curriculum

implementation, academic processes, and resolution of academic issues not specifically covered under other authorities, in accordance with Institute rules.

- f. Director – Authority to take decisions in cases involving serious offences requiring higher disciplinary measures and in matters not specifically covered under the jurisdiction of other authorities, as per Institute rules and regulations.
11. Students admitted to the Institute must comply with all instructions, regulations, and directives issued by the Institute authorities from time to time.



7. GRADING, RESULT COMPILATION, AND DEGREE AWARD

The procedures and regulations governing grading, result compilation, and award of degree shall be implemented in accordance with the Examination Rules and Regulations Guide issued by the Board of Examinations of the Institute, as amended from time to time.

For detailed provisions, procedures, and operational guidelines, reference shall be made to the Examination Rules and Regulations Guide.

