

# ACADEMIC RULES AND REGULATIONS

FOR  
UNDERGRADUATE PROGRAM  
**BACHELOR OF TECHNOLOGY (B.TECH.)**

NEP 2020 COMPLIANT  
(Effective From Academic Year 2023-24)

**(Version 2)**

**AR-MIT-N-BT-23**



**G. S. Mandal's**  
**MAHARASHTRA INSTITUTE OF TECHNOLOGY,**  
**Chhatrapati Sambhajnagar**  
**(An Autonomous Institute)**

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(Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar)

# ACADEMIC RULES AND REGULATIONS 2023-24

(NEP Compliant) –AR-MIT-N-BT-23

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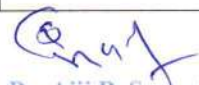
  
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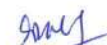
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## 1. Preamble:

Gramaudyogik Shikshan Mandal (GSM), Chhatrapati Sambhajnagar, Maharashtra, India is the Parent trust (organization) established in 1975. MIT offers wide range of programs at graduation and post-graduation level in faculty of Science & Technology. The Institute is permanently affiliated to Dr. Babasaheb Ambedkar Marathwada University (DBAMU), Chhatrapati Sambhajnagar (Aurangabad). University Grants Commission (UGC) has conferred “**Autonomous**” status to the Institute w.e.f. AY 2021-22. Dr. Babasaheb Ambedkar Marathwada University communicated the autonomous status vide Notification Ref. No. ACAD.AFFI/2021-22/30267-72 dated 30/03/2021.

MIT is approved by All India Council for Technical Education (AICTE), New Delhi, Council of Architecture (CoA), New Delhi and Directorate of Technical Education (DTE), Maharashtra State. National Assessment and Accreditation Council (NAAC) has accredited the Institute with Grade ‘A’. MIT has received recognition under Section 2(f) and 12 (B) of the UGC Act, 1956. MIT has got accreditation from Department of Science and Industrial Research (DSIR), Ministry of Science and Technology, Government of India as a Science and Industrial Research Organization (SIRO). MIT has been empaneled under Unnat Maharashtra Abhiyan (UMA), a project by Ministry of Higher and Technical Education, Government of Maharashtra. MIT is also selected under Unnat Bharat Abhiyan (UBA), a flagship program of Ministry of Human Resource Development (HRD), Government of India. MIT is an Approved ESCO (Empaneled as Energy Service Company) approved by Bureau of Energy Efficiency (BEE), Ministry of Power, Government of India.

The teaching-learning process adapted at Institute is student centric and governed by the concept of outcome-based education. Institute is well connected with various companies/organizations for In-Plant Training /Internship of B. Tech Final year students. Institute has recognized Ph.D. Research Centers in Mechanical Engineering, Computer Science and Engineering and Electronics and Telecommunications affiliated to Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar (Aurangabad).



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Institute implemented NEP 2020 based curriculum for all B. Tech programs from AY 2023-24. Also, NEP Compliant curriculum for newly started programs i.e. Bachelor of Business Administration (BBA), Bachelor of Computer Applications (BCA), and M. Tech in Polymer Science and Technology, have been designed with effect from AY 2024-25. From AY 2025-26, the Institute has decided implementation of NEP for the remaining and new Undergraduate and Post-graduate programs.

All B. Tech undergraduate degree programs where NEP compliant curriculum are under implementation will be governed by these rules and regulations. These academic rules and regulations (**Version 2**) are approved in the Academic Council meeting dated **04/01/2025**. All departments will adhere to these rules and regulations approved by the Academic Council from time to time. The stakeholders particularly the students, and parents/guardians, are advised to be fully familiar with the academic system of the Institute. Students should know the rules and regulations governing academic requirements, evaluation system and grading system.

This booklet provides information on the academic rules and regulations for all UG B. Tech programs w.e.f. AY 2023-24 considering the NEP 2020 Compliant Curriculum applicable to MIT (An Autonomous Institute). The regulations prescribed herein have been made to facilitate the smooth, transparent and orderly conduct of its academic programs. MIT is committed to provide the multiple learning opportunities to students for their academic progression and holistic development. MIT has implemented the Outcome Based Education (OBE) system. It is expected that these regulations will enable the students to take advantage of the various academic opportunities at the Institute and prepare themselves to face the challenges in their professional careers ahead. Every possible opportunity is provided to progress academically and overall development of the students is ensured.



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## 2. Vision and Mission of the Institute:

### VISION:

To be a globally recognized educational institute fostering technically proficient and ethically integrated personalities adept at solving technological and societal challenges through excellence in teaching-learning, research, innovation, and practicing sustainability.

### MISSION:

To serve the society with an equitable and holistic education system, shaping students into professionally valued global citizens committed to contributing locally and globally by providing:

- High quality teaching learning and conducive environment for research & innovation
- State-of-the-art infrastructural facilities and an inspiring learning environment
- Multi-disciplinary education, skill enhancement trainings, and value education
- Collaborations with national and international organizations to enrich the educational and research experience


### National Education Policy (NEP) 2020 Framework:

The vision of NEP 2020 is to develop the curriculum and pedagogy of institutions, to reflect the true sense of knowledge, skills, values, and disposition among the students/learners to develop them as Global citizen. NEP provides benefits such as-

- **Holistic Education:** Integration of multidisciplinary and interdisciplinary approaches in the curriculum, promoting overall development of students.
- **Focus on Skill Development:** Emphasis on skill-based education, internships, and industry-linked projects, leading to better employability.
- **Credits for Co-curricular and Extra-curricular Learning:** encouraging the students to learn through co-curricular and extra-curricular activities while earning the credits.
- **Flexibility in Learning:** Implementation of flexible learning pathways, including multiple entry-exit options and credit transfer systems.

  
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- **Integration of Honor, Minor and Research in Study:** Adoption of Honour, Double Minor and Honour with research as additional degree programs for bright students.
- **Value-Based Education:** Inclusion of Indian knowledge systems, ethics, and values to promote cultural heritage and sustainability.
- **Outcome-Based Education:** Focus on outcome-based education to ensure that learning outcomes align with industry and societal needs.


The NEP 2020 based Multidisciplinary Science & Technology Curriculum Framework offers:

- The opportunity for learners to choose the courses of their interest in all disciplines.
- Horizontal and Vertical mobility with multiple entry and exit options at each level. with the award of UG certificate/ UG diploma/ or three-year degree depending upon the number of credits secured.
- Provision of NSQF compliant Skill-based Courses and internships at the exit.
- The flexibility for learners to move from one institution to another to enable them to have multi and/or interdisciplinary learning.
- One Semester Internship/ On Job Training (OJT).
- Provision of Vocational and Skill Enhancement Courses (VSEC), Indian Knowledge System (IKS), Community Engagement Project (CEP)/Field Project (FP) in Major Discipline Degree.
- Credits for Co-curricular and Extra-Curricular Activities as Curricular activities besides provision of credits for the Ability Enhancement Courses (AEC) and Value Education Courses (VEC).
- Interdisciplinary or Multidisciplinary education through Single and Double Minors and Open Electives (OE).
- The flexibility to switch to alternative modes of learning (offline, Online learning, and hybrid modes of learning).

Maharashtra Institute of Technology, as an autonomous institution, proactively started implementation of curriculum and various reforms in line with NEP 2020.

  
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
  
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### 3. [AR-MIT-N-BT-23-03]- Short Title, Application and Commencement:

- 3.1 These regulations listed herein shall be called as "Academic Rules and Regulations of MIT (Autonomous) in line with NEP wef Academic Year (AY) 2023-24, for Bachelor of Technology program, (Version 2) (AR-MIT-N-BT-23), run by the G. S. Mandal's Maharashtra Institute of Technology (MIT), Chhatrapati Sambhajinagar, permanently affiliated to Dr. Babasaheb Ambedkar Marathwada University (DBAMU), Chhatrapati Sambhajinagar.
- 3.2 These academic rules and regulations are in force for students taking admission for the first year in Science & Technology programs i.e. enrolled for B.Tech. programs from the AY 2023-2024 onwards or admitted laterally for B.Tech programs from the AY 2024-2025 onwards for a full-time undergraduate course.
- 3.3 Specific aspects of the regulations pertaining to a particular degree programs are given separately along with the corresponding curriculum.
- 3.4 This set of regulations shall be binding on all students undergoing the said degree program(s) of Maharashtra Institute of Technology (MIT), Chhatrapati Sambhajinagar.
- 3.5 The provisions contained in this set of regulations govern the policies and procedures, on the admission of students, imparting instructions of courses, conducting of the examinations, and evaluation and certification of students, performance leading to the said undergraduate degree program(s).
- 3.6 This set of regulations may evolve and get revised/refined or updated or amended or modified or changed through appropriate approvals from the Academic Council, from time to time, and shall be binding on all parties concerned, including the Students, Faculty, Parents, Staff, Departments, and Institute Authorities.
- 3.7 In order to guarantee fairness and justice to all the parties concerned, in view of the periodic evolutionary refinements, any specific issues or matters of concern shall be addressed to the Academic Council, as and when found necessary through appropriate authorities.
- 3.8 The Academic Council may consider any issues or matters of concern relating to any

  
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or all the academic activities of the Institute, for appropriate action, irrespective of whether a reference is made (or the nature and extent of any reference if so present) herein this set of regulations or otherwise.

- 3.9 All disputes arising from this set of regulations must be addressed to the Academic Council. The decision of the Academic Council is final and binding on all parties concerned. Further, any legal disputes arising from this set of regulations shall be limited to the legal jurisdiction of Chhatrapati Sambhajnagar and not that of any other parties.

## 4. Abbreviations and Definitions:

In these regulations, unless the context otherwise requires -

- (i) “ABC” means Academic Bank of Credit.
- (ii) “Academic Council” or “AC” shall mean the Academic Council of the Institute constituted as per the guidelines of UGC for autonomous colleges.
- (iii) “ACOE” shall mean the Assistant Controller of Examination.
- (iv) “AICTE” shall mean the All India Council for Technical Education, New Delhi.
- (v) “Applicant” means an individual who applies for admission to any undergraduate and postgraduate programs at Institute.
- (vi) “Board of Studies” or “BoS” means the Board of Studies of a specific department of Institute, constituted as per the guidelines of UGC for autonomous colleges.
- (vii) “Class Teacher/Coordinator” means a faculty who coordinates the academic and administrative activities and facilitates/advises students on routine basis for a particular class of students as per directives of the Head of Department.
- (viii) “Candidate” means an individual who applies for admission or examination conducted by the Institute.
- (ix) “CET” means, Common Entrance Test conducted by competent authority.
- (x) “Choice Based Credit System (CBCS)” means the curriculum structure / framework which provides choices for students to select from the prescribed

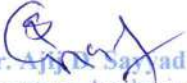
  
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courses (core, elective, honor, double minor or exit).

- (xi) “Competent Authority” shall mean the Governing Body/Academic Council of the Institute/ University/Government/UGC/AICTE/COA/Regulating Authority as the case may be.
- (xii) “Course” means a specific *subject* usually identified by its *course-code* and *course-title*, with a specified *syllabus/course* description, taught by faculty member(s) /course-Coordinator(s) to a specific *class* (group of students) during a specific *academic-session/semester*. The courses should define learning objectives and course outcomes. A course may be designed to comprise of lectures/ tutorials /laboratory work/field work/project work/vocational training/viva/seminar/term papers /assignments/self-study etc. or a combination of some of these.
- (xiii) “Course Coordinator” shall mean a faculty member who shall have full responsibility for the course, coordinating the work of other faculty member(s) involved in that course, including Internal Assessment, etc.
- (xiv) “Credit” means a numerical weightage given to a particular course depending the instruction types and delivery.
- (xv) “Credit Point” shall mean a product of grade point and number of credits for a course.
- (xvi) “Curriculum” means the set of academic regulations, course structure, and course contents offered during a specific academic-session/semester.
- (xvii) “Cumulative Grade Point Average (CGPA)” means a measure of overall cumulative performance of a student till the end of current semester (till date of declaration of result). CGPA is the ratio of total earned grade points secured by a student in various courses in all semesters (till the end of current semester) and the sum of the total credits of all courses in all the semesters (till the end of current semester). It is expressed up to two decimal places.
- (xviii) “Dean” shall mean the authority designated for specific administrative position, as per the Governance policy document of the Institute.
- (xix) “Degree” shall mean the Bachelor of Technology (B.Tech.) or Master of

  
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Technology (M.Tech.) or Bachelor of Computer Applications (BCA) or Master of Computer Applications (MCA) or Bachelor of Business Administration (BBA) or Master of Business Administration (MBA), or Bachelor of Vocation (B.Voc.), or Bachelor of Architecture (B. Arch) or Master of Architecture (M. Arch) and other degrees of the Institute as may be approved by the Regulating Authority.

- (xx) “DHTE” shall mean Department of Higher and Technical Education, Government of Maharashtra.
- (xxi) “Direct Second Year (DSY) Admitted Student” means a student who is admitted directly to Second year of the B.Tech./other degree program through lateral entry and as per the eligibility decided by the competent authority from time to time and admitted for undergraduate B.Tech program for full time study.
- (xxii) “Director” means the Head of the Institute.
- (xxiii) “DTE” shall mean Directorate of Technical Education, Government of Maharashtra.
- (xxiv) “Equivalence Committee” shall mean the Equivalence Committee appointed by the Academic Council for the specific purpose like course equivalence, credit equivalence, etc.
- (xxv) “ESE” means End-Semester Examination.
- (xxvi) “Examinee” means a person who presents himself for an examination to which he/she has been admitted.
- (xxvii) “Examination” means an examination prescribed by the Institute under Ordinances /Regulations.
- (xxviii) “Examination Fee” means the fee prescribed by the concerned rules and includes the fee for entire process of conduct of examination and statement of grades but does not include any other fee.
- (xxix) “EXC” shall mean Examination committee constituted as per guidelines of competent authority.
- (xxx) An “Ex-student” is a person, who, having once been admitted to an program of this Institute is again required to take the admission in the same program due to

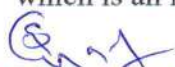
  
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his/her failure or absence in the Academic semester/year.

- (xxxix) "Finance Committee" shall mean the Finance committee of the Institute constituted as per the guidelines of UGC for autonomous colleges.
- (xxxvii) "GATE" means Graduate Aptitude Test in Engineering.
- (xxxviii) "Government " means Government of India / Maharashtra as may be applicable.
- (xxxix) "Governing Body" shall mean the Governing Body of the Institute constituted as per the guidelines of UGC for autonomous colleges.
- (xl) "Guide" shall mean a person who is qualified to supervise an Undergraduate (B. Arch/ BCA / BBA /B. Tech) Major Project, seminar, Experience Based Learning (EBL) Projects, Community Engagement Projects (CEP) or Postgraduate (M. Arch/ MCA / MBA /M. Tech) Dissertation work of students and is approved by the Academic Council.
- (xli) "Grade Moderation Committee" shall mean the committee appointed by the Chairperson, Academic Council to moderate grades awarded by the examiner, if required.
- (xlii) "Grade Point" means a numerical weight allotted to each letter grade on a 10-pointscale. Also "Earned Grade Point" means a product of grade point and the number of credits for a course.
- (xliiii) "GRC" shall mean Grievance Redressal Committee of the Institute.
- (xliv) "HoD" means the Head of the Department.
- (xlv) "Honours degree" is a degree program for eligible students of the same department (offering department /UG program) with specialization.
- (xlvi) "ISE" means In-Semester Examination.
- (xlvii) "IAE" shall mean In-charge of Answer-book Evaluation of Theory End Semester Examination, appointed by the Director.
- (xlviii) "Institute" shall mean the Maharashtra Institute of Technology, Chhatrapati Sambhajinagar, an Autonomous Institute.
- (xlix) "Letter Grade" means grade denoted by letters (O, A+, A, B+, B, C+, P & F) which is an index of the performance of students in a said course.

  
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
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- (xlv) “Make-up Examination” means an examination conducted by the Institute in accordance with the provisions made in rules and regulations.
- (xlvi) “MEME” shall mean the Multiple-Exit Multiple-Entry.
- (xlvii) “Minor degree” is a degree program for eligible students from other department (other than the program where student is enrolled), which is also referred as “Double Minor”.
- (xlviii) “MIT” shall mean the Maharashtra Institute of Technology, Chhatrapati Sambhajinagar, an Autonomous Institute.
- (xlix) “NCrF” shall mean the National Credit Framework.
- (l) “NEP” means National Education Policy, 2020.
- (li) “NHEQF” means the National Higher Education Qualifications Framework.
- (lii) “NSQF” means the National Skills Qualifications Framework, which is a competency-based framework that organizes all qualifications according to a series of levels of knowledge, skills and aptitude.
- (liii) “OIC” shall mean Officer In-charge of the End Semester Examination conduction.
- (liv) “Open House” means a result discussion process conducted by the Institute in accordance with the provisions made in Rules, Regulations/Ordinances.
- (lv) “Parent Department” means the department that offers the degree program that a student undergoes.
- (lvi) “PG” means Postgraduate.
- (lvii) “Program” shall mean a stream of study affiliated to the University for award of degree, or a specific branch of study opted by the student, as case may be.
- (lviii) “Program Coordinator” means a faculty In-Charge of an academic program.
- (lix) “Registrar” shall mean the authority designated for specific administrative position, as per the Governance policy of the Institute.
- (lx) “Regulating Authority” shall mean any regulatory or controlling body for the Technical Education in India.
- (lxi) “Semester” means each semester which consist of academic work equivalent to

  
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90 actual teaching/working days.

- (lxii) “Semester Grade Point Average (SGPA)” means a measure of performance of student in a semester. It is ratio of total earned grade points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
- (lxiii) “Student” shall mean a student registered for UG program for studies leading to any degree offered by the Institute and sought final admission to the degree program.
- (lxiv) “Scheme of Teaching and Examination” shall mean the scheme of teaching and Scheme of Examination (SoE) for a program of study as approved by the Academic Council.
- (lxv) “Teacher’s Assessment” means a formative assessment conducted by a department in accordance with the provisions made in Rules, Regulations/Ordinances.
- (lxvi) “Transcript” or “Grade Card” or “Certificate” means a certified document issued to student after every semester or completion of examination based on the grades/credits earned. The grade certificate will display the course details (code, title, No. of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester.
- (lxvii) “UG” means undergraduate.
- (lxviii) “University” shall mean Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar.
- (lxix) “UGC” shall mean University Grants Commission, Government of India, New Delhi
- (lxx) “Vice-Chancellor” shall mean the Vice-Chancellor of the University.



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## 5. [AR-MIT-N-BT-23-05] Academic Programs at Institute:

Maharashtra Institute of Technology (MIT), Chhatrapati Sambhajinagar, offers various Undergraduate (UG) and Postgraduate (PG) programs such as B. Tech, BCA, BBA, B. Arch, B. Voc, M. Tech, MCA, MBA, and M. Arch, affiliated to Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar.

### 5.1 Undergraduate (UG) – Science & Technology:

The program titles in UG B. Tech program are mentioned in **Table 1 (a)**. The program titles for other UG and PG programs offered at Institute are mentioned in **Table 1 (b-e)**.

**Table 1(a) : 4-Years Bachelor degree (B.Tech.) in Major Engineering Discipline Titles**

Sr. No.	Department	Program Code	Program Name/Title
1.	Agricultural Engineering	AED	B. Tech in Agricultural Engineering with Multidisciplinary Minor
2.	Emerging Science and Technology	AID	B. Tech in Artificial Intelligence (AI) and Data Science with Multidisciplinary Minor
3.		CSD	B. Tech in Computer Science and Design with Multidisciplinary Minor
4.	Civil Engineering	CED	B. Tech in Civil Engineering with Multidisciplinary Minor
5.	Computer Science and Engineering	CSE	B. Tech in Computer Science and Engineering with Multidisciplinary Minor
6.	Electrical Engineering	EED	B. Tech in Electrical Engineering with Multidisciplinary Minor
7.	Electronics and Computer Engineering	ECE	B. Tech in Electronics and Computer Engineering with Multidisciplinary Minor
8.		ETC	B. Tech in Electronics and Telecommunication Engineering with Multidisciplinary Minor
9.	Mechanical Engineering	MED	B. Tech in Mechanical Engineering with Multidisciplinary Minor
10.		MTX	B. Tech in Mechatronics Engineering with Multidisciplinary Minor
11.	Plastic and Polymer Engineering	PPE	B. Tech in Plastic and Polymer Engineering with Multidisciplinary Minor

  
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**Table 1(b): Undergraduate (UG) – Vocational Education**

Sr. No.	Program Name
1	B. Voc. in Artificial Intelligence & Robotics
2	B. Voc. in Food Processing
3	B. Voc. in Interior Design
4	B. Voc. in Software Development
5	B. Voc. in Refrigeration and Air Conditioning

**Table 1(c): Postgraduate (PG) – Science & Technology**

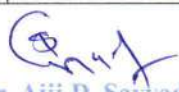
Sr. No.	Program Name
1	M. Tech in Artificial Intelligence and Machine Learning
2	M. Tech in Computer Science & Engineering (Data Science and Analytics)
3	M. Tech in Computer Science & Technology
4	M. Tech in Electrical Drives and Control
5	M. Tech in Electronics Telecommunication
6	M. Tech in Food Processing Technology
7	M. Tech in Mechanical Engineering
8	M. Tech in Polymer Science and Technology
9	M. Tech in Structural Engineering

**Table 1(d) :Other Undergraduate Programs:**


Sr. No.	Program Name
1	Bachelor of Architecture (B. Arch)
2	Bachelor of Computer Applications (BCA)
3	Bachelor of Business Administration (BBA)

**Table 1(e) :Other Postgraduate Programs:**

Sr. No.	Program Name
1	Master of Architecture (Urban Design)
2	Master of Computer Applications (MCA)
3	Master of Business Administration (MBA)

  
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## 5.2 Qualification Title and Credit Requirements under Four- years UG Program (B.Tech.) with Multiple Entry and Multiple Exit options:

As per the directives of Department of Higher and Technical Education (DHTE), Government of Maharashtra [Government Resolution – NEP/2022/(67/23)/ Tashi-2. Dated 04 July 2023 (Annexure) (Page 1-15)], and National Credit Framework (NCrF), B. Tech (Four-year Bachelor Multidisciplinary Engineering Degree) program offered by Institute allows the students to experience the full range of holistic and multidisciplinary education in addition to a focus on the chosen major and minors as per their choices.

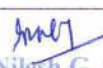
The qualification title and credit requirement for different levels under this degree program with multiple entry and multiple exit options is given in **Table 2:**

**Table 2: 4-year duration B. Tech degree program credit requirements**

NSQF Levels	Qualification Title	Credit Requirements	Semester	Year
4.5	One Year UG Certificate in Major Engineering Discipline	42	2	1
5.0	Two Years UG Diploma in Major Engineering Discipline	84	4	2
5.5	Three Years Bachelor degree in Vocation (B. Voc.) in Major Engineering Discipline	126	6	3
6.0	4-Years Bachelor degree (B.Tech.) in Major Engineering Discipline with <b>Multidisciplinary Minor</b>	168	8	4
6.0	4-Years Bachelor degree (B.Tech.) in Major Engineering Discipline- <b>Honors and Multidisciplinary Minor</b>	168+ 18 (Additional credits) =186	8	4
6.0	4-Years Bachelor degree (B.Tech.) in Major Engineering Discipline- <b>Honors with Research and Multidisciplinary Minor</b>	168+ 18 (Additional credits) =186	8	4
6.0	4-Years Bachelor degree (B.Tech.) in Major Engineering Discipline with Double Minors ( <b>Multidisciplinary and Specialization Minors</b> )	168+ 18 (Additional credits) =186	8	4

  
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### 5.3 Multiple Level Exits:

- 5.3.1. Students will have the flexibility to enter a program in odd semesters and exit a program after the successful completion of even semesters as per their future career needs.
- 5.3.2. Students exiting after First-Year of program, after securing all credits of I and II Semester, shall be awarded UG Certificate in the relevant discipline provided they secure 8 Credits [details provided in **Table 3**] offered during summer break after second semester.

**Table 3: Credit requirements for Multiple Exit (after First, Second and Third Year) of degree program for students admitted in the Institute**

NSQF Level	Exit After [Even Semester]	Qualification Title	Credit Requirements for Exit		Mandatory additional Credits required to earn during Summer Break
			First Year Entry	Direct Second Year Entry	
4.5	1 <sup>st</sup> Year [2 <sup>nd</sup> Semester]	One Year UG Certificate in Major Engineering Discipline	All Credits of I and II Semester [42 Credits]	Not Applicable	Total Credits to earn: <b>08</b> 1) Skill-based vocational course: <b>04 credits</b> 2) Internship/ Apprenticeship: <b>04 credits</b> of 8 weeks
5.0	2 <sup>nd</sup> Year [4 <sup>th</sup> Semester]	Two Year's UG Diploma in Major Engineering Discipline	All Credits of I, II, III and IV Semester [84 Credits]	All Credits of III and IV Semester [42 Credits]	Total Credits to earn: <b>08</b> 1) Skill-based vocational course: <b>04 credits</b> 2) Internship/ Apprenticeship: <b>04 credits</b> of 8 weeks
5.5	3 <sup>rd</sup> Year [6 <sup>th</sup> Semester]	Three Year's Bachelor Degree in Vocation (B. Voc.) in Major Engineering Discipline	All Credits of I, II, III, IV, V and VI Semester [126 Credits]	All Credits of III, IV, V and VI Semester [84 Credits]	Total Credits to earn: <b>08</b> 1) Skill-based vocational course: <b>04 credits</b> 2) Internship/ Apprenticeship: <b>04 credits</b> of 8 weeks

- 5.3.3. Students exiting after Second Year of program, after securing all credits of I, II, III and IV Semester, shall be awarded UG Diploma in the relevant discipline provided they secure additional 8 credits [details provided in **Table 3**] offered during summer break after the fourth semester.



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- 5.3.4. Students exiting after Third year of program will be awarded B. Voc. in the relevant discipline upon securing all credits of I, II, III, IV, V and VI Semester provided they secure additional 8 credits [details provided in **Table 3**] offered during summer break after the sixth semester.
- 5.3.5. Exit options shall be provided with Certification, Diploma and B. Vocational degrees to the students at the end of the second, fourth and sixth semester, respectively, in the four-year degree program.
- 5.3.6. Students will receive a Bachelor degree with the single minor (multidisciplinary) on successfully completing all eight semesters of the UG programs either at a stretch or with opted exits and re-entries. In addition to this, student will receive a Bachelors degree with Double Minor/Honours/ Honours with Research subject to earning additional 18 credits, the details of which is provided in Section 7.

## 5.4 Multiple Levels Entry to Students (at different NSQF level) under the B. Tech Program:

- 5.4.1. Students have the flexibility to enter a program in odd semesters as per their aspiration to complete the next level of the four-year duration degree education.
- 5.4.2. Students, opting for exits at any level, will have the option to re-enter the program from where they had left off, in the Institute (MIT) or in a different higher education institution **within four years of exit** and complete the degree program within the stipulated maximum period of eight years (4+4 pattern) from the first date of admission to first year UG or maximum period of six years (3+3 pattern) from the first date of Direct Second Year (DSY) admission to UG.
- 5.4.3. Re-entry at various levels for lateral entrants in academic programs shall be based on the earned and valid credits as-deposited and accumulated in the Academic Bank of Credits (ABC) through Registered Higher & Technical Education Institutions (RHTEI) and proficiency test records.
- 5.4.4. Students enrolled through lateral entry into the program of study may complete study till NSQF Level 6.0, such as UG Diploma/ B. Vocational/ UG Bachelor degree with single minor (Multidisciplinary)/UG Bachelor degree with Double Minor/ Honours

  
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/Honours with Research will be based on the validation of prior learning outcomes achieved and subject to availability based on intake capacity.

5.4.5. The instructions issued in this regard from the regulating authorities and approved by the Academic Council shall be applicable.

## 5.5 Four Year of Bachelor of Technology Degree (Level 6.0) with various options -

The options are as follows: (a) Bachelor of Technology degree in chosen Major Engg./ Tech. Discipline with Multidisciplinary Minor (168 credits), or (b) Bachelor of Technology Honours degree in chosen Major Engg./ Tech. Discipline with Multidisciplinary Minor (186 credits) or (c) Bachelor of Technology Honours with Research degree in chosen Major Engg./ Tech. Discipline with Multidisciplinary Minor (186 credits) or (d) Bachelor of Technology degree in chosen Major Engg./ Tech. Discipline with Double Minor (Multidisciplinary and Specialization Minor, 186 credits).

5.5.1. The **Bachelor of Technology with Multidisciplinary Minor** degree in chosen Major Engg. / Tech. Discipline is awarded to a student who earns **168 credits**, distributed over **semesters I to VIII**. The **proposed** distribution of credit is shown in **Table 4**. It is in line with the NEP framework and DHTE, Govt. of Maharashtra.

5.5.2. Under **Bachelor of Technology Honours with Research** degree in chosen Major Engg. / Tech. Discipline with Multidisciplinary Minor (**186 credits**), the students will work on a **research project or dissertation for 18 credits in the fourth year** in the respective Major Engg. / Tech. Discipline. The decision regarding the distribution of 18 credits for Research Project in **Semesters VII and VIII of the Fourth Year** will be taken by respective Board of Studies (BOS) and Academic Council of Institute. These 18 Credits will be over and above the 168 Credits prescribed for Four Year Multidisciplinary **Bachelor of Technology** program.

5.5.3. The **Bachelor of Technology Honours** degree in chosen Major Engg. / Tech. Discipline with Multidisciplinary Minor (**186 credits**) enables students to take up **six additional courses in the same Engg. / Tech. discipline of 18 credits**



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distributed over **semesters III to VIII**. The decision regarding the mechanism of distribution of these 18 credits over semesters III to VIII, which are over and above the 168 Credits prescribed for Four Year Multidisciplinary **Bachelor of Technology**, will be taken by respective Board of Studies and Academic Council of Institute.

**Table 4: Course Structure and distribution of Credits for Bachelor of Technology in Major Discipline with Multidisciplinary Minor Degree Program (Proposed)**

Semester		I	II	III	IV	V	VI	VII	VIII	Total Credits
Basic Science Course	BSC/ESC	06	06	--	--	--	--	--	--	12
Engineering Science Course		09	07	--	--	--	--	--	--	16
Program Core Course (PCC)	Program Courses	--	02	09	09	11	09	07	03	50
Program Elective Course (PEC)		--	--	--	--	04	08	08	--	20
Multidisciplinary Minor (MDM)	Multidisciplinary Courses	--	--	02	02	04	02	02	02	14
Open Elective (OE) Other than a particular program		--	--	04	02	02	--	--	--	08
Vocational and Skill Enhancement Course (VSEC)	Skill Courses	02	02	--	02	--	01	01	--	08
Ability Enhancement Course	Humanities Social Science and Management (HSSM)	02	--	--	02	--	--	--	--	04
Entrepreneurship/Economics / Management Courses		--	--	02	02	--	--	--	--	04
Indian Knowledge System (IKS)		--	02	--	--	--	--	--	--	02
Value Education Course (VEC)		--	--	02	02	--	--	--	--	04
Research Methodology	Experiential Learning Courses	--	--	--	--	--	--	--	04	04
Comm. Eng. Project (CEP)/Field Project (FP)		--	--	02	--	--	--	--	--	02
Project		--	--	--	--	--	01	03	--	04
Internship/OJT		--	--	--	--	--	--	--	12	12
Co-curricular Courses (CC)	Liberal Learning Courses	02	02	--	--	--	--	--	--	04
<b>Total Credits (Major)</b>		<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>168</b>

  
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5.5.4. Under **Bachelor of Technology** degree in chosen Major Engg. / Tech. Discipline with **Double Minor (Multidisciplinary and Specialization Minor, 186 credits)**, students would take up **six additional courses of 18 credits in another Engg./ Tech. discipline/ Emerging Areas Specialization** distributed over **semesters III to VIII**. The decision regarding the mechanism of distribution of these 18 credits over semesters III to VIII, which are over and above the 168 Credits prescribed for Four Year Multidisciplinary **Bachelor of Technology** degree in Engg. / Tech., will be taken by respective Board of Studies (BOS) and Academic Council of Institute.

## 5.6 Academic Instructions and Admission Guidelines:


### 5.6.1 Instructions:

- 5.6.1.1. Instructions about the curriculum in the various courses in each semester of all the four years shall be provided by the Institute.
- 5.6.1.2. The details of instruction period, examination schedule, breaks etc. shall be notified by the Dean (Academics) of the Institute as per the Institute academic calendar approved by Academic Council.
- 5.6.1.3. The medium of instructions and examination shall be English except the courses related to foreign language or any other language.

### 5.6.2 Admissions:

- 5.6.2.1. The minimum entry qualification and procedure for admission to UG programs shall be as per the directives of the Competent Authorities from time to time.
- 5.6.2.2. UG student shall be required to earn minimum number of credits through various academic courses of a curriculum as provided for in the ordinance/regulation of the Institute approved by Academic Council.
- 5.6.2.3. UG student shall be required to complete all the requirements for the award of the Bachelor's degree within such period as may be specified in the Ordinances/Regulations as approved by Academic Council, including those credits earned at such other institutions/courses as have been

  
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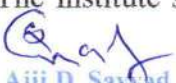
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recognized by the Institute for this purpose.


- 5.6.2.4. The date of initial admission for the UG program shall normally be the date on which the student formally takes admission for the first time. This date shall be treated as the date of joining the programs for all intents and purposes.
- 5.6.2.5. The procedure for the direct second year admission shall be as per the directives of the Competent Authorities from time to time.
- 5.6.2.6. There shall also be a merit-based, lateral admission of students for higher classes (falling under the Multiple Entry Multiple Exit (MEME) category) conducted at the Institute in accordance with the rules specified by competent authorities from time to time as applicable for such admissions.
- 5.6.2.7. The Institute reserves the right to revoke the admission made to a student if it is found at any time after admission that he/she does not fulfil all the eligibility requirements for the admission to the UG program as laid down by the Competent Authority.

## 5.7 Academic Calendar:

- 5.7.1. Each academic year shall be divided into two main semesters, each of 20 weeks.
- 5.7.2. The academic programs in the Institute shall be based on semester system; two semesters - one ODD Semester (July-December) and other EVEN Semester (January-June) in a year with winter and summer breaks between the semesters. In case of unprecedented situation, the academic semesters are likely to vary accordingly, with necessary approval from Academic Council.
- 5.7.3. A typical breakdown of the academic year for the B. Tech program at the Institute shall be as suggested in **Table 5**.
- 5.7.4. In each semester, there shall be minimum 90 working days.
- 5.7.5. The courses offered in a semester shall be continually assessed and evaluated to judge the performance of a student.
- 5.7.6. The Institute shall arrange regular academic activities for the students during the

  
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two main semesters, makeup courses for the students and certification/ training program during the breaks. Students can undergo Summer Internship Program (SIP) of 2/3 weeks during the summer term/break.

- 5.7.7. The academic activities in a semester shall normally include course registration, teaching-learning process comprising of course work, Continuous Internal Evaluation (CIE), In-Semester Examination (ISE), Teacher's Assessment (TA), End Semester Examination (ESE) and declaration of results, make-up examination and other academic activities, holidays and students' major activities schedule.

**Table 5: Proposed Breakdown of Academic Year into Semesters**

1.	Semesters/ Year	Two Main Semesters (Odd and Even) and One Summer Term
2.	Semester Durations	Main Semesters: Approx. 20 Weeks each. Summer Term: Approx. 2/3 Weeks
3.	Academic Activities and Examinations (Weeks):	<p><b>Main Semester (Odd or Even):</b> Registration of Courses- 2 days; Course work- 90 Working days; Examinations- 2/3 weeks; Declaration of Results 15 days after last day of the Examination; Total: 20 weeks</p> <p><b>Make-up Examination:</b> (For failed courses in odd and even main semesters ) Registration of Courses for Make-up Examination- 1 day; Make-up Examination Preparation- 1 Week; Re-Examinations- 1 Week; Declaration of Results- 7 days; Total: 4 weeks</p> <p><b>Summer Term (For Internship):</b> Course Work- 2/3 weeks</p> <p><b>Inter-Semester Break:</b> After odd Main Semester- 3 weeks; After even Main Semester – 4 weeks;</p>
4.	Extra-Curricular Activities (Days)	Institute Level Flagship Events and other events; each one spread over weekend and holidays as per academic calendar

  
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- 5.7.8. The Institute shall announce the schedule for all the academic activities for a semester, including the dates of registration, internal evaluations, end-semester examination, make-up examination, inter-semester break, etc.
- 5.7.9. The academic calendar shall be prepared by the Dean (Academics), approved by the Academic Council, and announced at least Two weeks before the commencement of the semester.
- 5.7.10. HOD shall take all the necessary steps to follow the academic calendar.
- 5.7.11. The Institute shall also announce adequate semester breaks for the students and ensure that a minimum of 90 academic working days in each semester.

## 5.8 Outcome Based Education:

- 5.8.1. The Institute shall implement in true spirit the model of Outcome Based Education (OBE) as an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational experience, each student is expected to have achieved the predefined certain level goals.
- 5.8.2. The teaching and assessment process practiced by the Institute shall help in improving student learning. The process must help in gathering, analysing and discussing information from various sources to know students' understanding, ability to do and can do as a result of their academic and cocurricular experiences at the Institute. The assessment process shall benefit in continuous improvement of the program and effectively accomplishing the Institute's mission.
- 5.8.3. The various aspects of Outcome Based Education (OBE) viz; Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) will be implemented for each program.
- 5.8.4. Revised Blooms Taxonomy shall be followed for setting of Question papers. AICTE Exam reform policy document may be referred for further guidelines.
- 5.8.5. CO/PO/PSO Assessment tools and guidelines for CO-PO/PSO evaluation shall be implemented at every program.



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## 6. [ARM-MIT-N-BT-23-06] Academic Courses:

### 6.1. Program Curriculum:

- 6.1.1. The curriculum may consist of credit courses under various categories, mandatory courses and audit courses as recommended by the respective Board of Studies.
- 6.1.2. Each course shall have a certain number of credits assigned to it depending upon the academic load of the course, which would be assessed on the basis of weekly contact hours of theory lectures and laboratory classes, field study. The credits for the project / internship shall be assigned depending upon the quantum of work expected.
- 6.1.3. The program will consist of:
  - a) Courses comprising of basic sciences, engineering sciences, humanities and social sciences including management;
  - b) Engineering core courses introducing the student to the foundations of engineering in his / her branch;
  - c) Electives enabling the students to take up a group of courses of interest to him/her. Two kinds of electives are offered to the students:
    - i) **Program Elective:** This elective shall be offered to the student by the respective department.
    - ii) **Open Elective:** This elective (offered by any department) shall be offered to the students from the offering department/program as well as to the students from other department/program.
  - d) Compulsory Multidisciplinary Minor Courses: The Minor courses may be from the different disciplines of the Engineering faculty, or they can be from different faculty altogether.
  - e) Vocational and Skill Enhancement Courses (VSEC) and Skill Enhancement Courses (SEC): These courses shall provide hands on Training to the students to acquire relevant skills.
  - f) Humanities Social Science and Management (HSSM) courses such as Ability Enhancement Courses (AEC), Entrepreneurship/Economics/ Management

  
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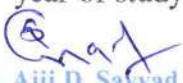
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- Courses, Indian Knowledge System (IKS) and Value Education Courses (VEC)
- g) Experiential Learning Courses such as Project, Internship/ On job Training, Field Projects (FP)/ Community Engagement Projects (CEP).
  - h) Liberal Learning Courses- Co-curricular Courses (CC)
  - i) Other technical industry oriented, contemporary courses, audit courses/ Environmental Engineering Courses / Industrial visits / Case study / Mini Projects / Site visits / Professional skills etc. as recommended by the BOS.
- 6.1.4. Each UG program will have a curriculum and course contents (syllabi) for the courses designed by the BOS and approved by Academic Council.
- 6.1.5. The curriculum of any UG program is designed to have credits of 168 for award of the Bachelor of Technology with Multidisciplinary Minor degree based upon the individual program. In case of admitted students through lateral entry (Direct Second Year) in second year, credits shall be calculated from second year onwards and the minimum credit requirement for award of degree shall be 126 based upon the individual program. The Multidisciplinary Bachelor degree credit framework is mentioned in **Table 4**.
- 6.1.6. The medium of instruction, examination and project reports will be English.
- 6.1.7. Every UG student will have to earn the credits by passing all the credit courses as specified in curriculum structure and will have to earn 'P' grade in all the audit courses (Mandatory Non-Credit Courses) to become eligible for award of the Degree.

## 6.2. Course Codes:

- 6.2.1. The course offered shall have an alphanumeric course code consisting of a string of Six/Seven characters. The first three characters in a course code shall be capital letters identifying the responsible department/category of the course. The next three numerical digits give the following information. The first digit specifies the year of study of the UG course. Second and third digit specifies the serial number

  
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of the Course. The structure is given in **Table 6**.

6.2.2. In few cases, Seventh, the additional letter A, B, C, ...etc is added for sub-courses in same category/level along with Six character/digit code, e.g. LLC158W

**Table 6: Six/Seven Character/Digit Course Code Structure**

1	2	3	4	5	6	7
Category	Year	CourseNo.	Letter			
AEC	1 First Year 2 Second Year 3 Third Year 4 Fourth Year	<b>Semester-I (ODD)</b>	A Group/ Option			
AED		<b>01-10</b> Core/BSC/ESC Theory	B Group/ Option			
AID		<b>11-15</b> Multidisciplinary Minor Theory	C Group/ Option			
AUD		<b>16-20</b> Professional Elective Theory	D Group/ Option			
BSC		<b>21-30</b> Core/BSC/ESC/LLC Practical	E Group/ Option			
BSH		<b>31-35</b> Professional Elective Practical	F Group/ Option			
CED		<b>36-40</b> Multidisciplinary Minor Practical	.			
CEP		<b>41-45</b> Open Elective Theory	.			
CSD		<b>46-49</b> Mandatory Non-Credit Courses	.			
ECE		-----	.			
EED		<b>Semester-II (EVEN)</b>	.			
ELC		<b>51-60</b> Core/BSC/ESC Theory	.			
ESC		<b>61-65</b> Multidisciplinary Minor Theory	.			
ETC		<b>66-70</b> Professional Elective Theory	.			
FLP		<b>71-80</b> Core/BSC/ESC/LLC Practical	.			
HSM		<b>81-85</b> Professional Elective Practical	.			
IKS		<b>86-90</b> Multidisciplinary Minor Practical	.			
INT		<b>91-95</b> Open Elective Theory	.			
LLC		<b>96-99</b> Mandatory Non-Credit Courses	.			
MDM		-----	.			
MED		<b>701 and Onwards-</b> Reserved	.			
MTX		<b>801 and Onwards-</b> Honour / Honours with Research Courses	.			
OJT		<b>901 and Onwards-</b> Specialization Minor Courses	.			
PCC			Z Group/ Option			
PRO						
REM						
SEM						
VAC						
VSE						

  
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**Table 7: Abbreviations in context to course codes**

Letter code as per the nature of the Course		Letter Code specific to Program Core, Program/ Open Elective and Honour/ Minor Offering Department Course	
AEC	Ability Enhancement Course	AED	Agricultural Engineering
AUD	Audit Course	AID	Artificial Intelligence (AI) and Data Science
BSC	Basic Science Course	BSH	Basic Sciences and Humanities
CEP	Community Engagement Project	CED	Civil Engineering
ESC	Engineering Science Course	CSD	Computer Science and Design
ELC	Experiential Learning Course	CSE	Computer Science and Engineering
FLP	Field Project	EED	Electrical Engineering
HSM	Humanities Social Science and Management	ECE	Electronics and Computer Engineering
IKS	Indian Knowledge System	ETC	Electronics and Telecommunication Engg
INT	Internship	MED	Mechanical Engineering
LLC	Liberal Learning Courses	MTX	Mechatronics Engineering
MDM	Multidisciplinary Minor	PPE	Plastic and Polymer Engineering
OJT	On-Job Training		
PCC	Program Core Course		
PRO	Project		
REM	Research Methodology		
SEM	Seminar		
VAC	Value Added Course		
VSE	Vocational & Skill Enhancement Course		

### 6.3 Course Credits:

6.3.1. Each credit course shall have an integer number of credits, which reflects its weightage. The student earns credits by passing corresponding courses in minimum 'P' grade.

  
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6.3.2. The number of credits of a course in a semester shall normally be calculated as under (however there may be some exceptions):

- **Lectures & Tutorial:** One lecture or tutorial hour per week shall be assigned one credit.
- **Practical:** One laboratory hour per week shall be assigned half credit. Not more than two credits may be assigned to a practical course having only laboratory component.
- **Project:** One project hour per week will be assigned half credit.
- **Workshop-based activities:** Courses involving workshop-based activities require the engagement of students in hands-on activities related to work/vocation or professional practice. Every student is engaged in performing a skill-based activity. Related to specific learning outcome(s). 26- 30 hours of workshop-based activities per credit in a semester is required.
- **Seminar/ Mini-project:** 13-15 hours of participation in seminar/ Group Discussion activity per credit in a semester is required.
- **Internship:** Credits for internship shall be one credit per two weeks of internship (or 36-40 hours of engagement).
- **Field-based Learning/ Practices:** These are the courses requiring students to participate in field-based learning/projects generally under the supervision of faculty. A minimum of 26-30 hours of learning activities per credit in a semester is required.
- **Community Engagement Projects:** These are the courses requiring students to participate in field-based learning/projects generally under the supervision of faculty. The curriculum of course will involve activities that would expose students to the socio-economic issues so that the theoretical learnings can be supplemented by actual life experiences to generate solutions to real-life problems. 26-30 hours of contact time per credit in a semester along with 13-15 hours of activities such as field survey, societal service, preparation of reports, etc., and independent reading and study with 2 credit course.



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## 6.4 Courses of Special Nature:

- **Project:** A curriculum shall contain a credit for project, offered in the semesters of the UG program. Not more than four students can carry out the project together. The batch formation norms and allotment of guide shall be carried out by concerned Department.

- **Offering an Elective:**

Program Elective: Program elective course in a department shall run only if minimum of 15 students register for it in a regular semester. However, under special circumstances, a course may run with fewer students with prior permission of the Chairperson, Board of Studies. If additional full time faculty is required, approval of the Director is necessary.

Open Elective: Rules laid down by the academic authorities in the Institute (Chairperson, Board of Studies, Dean (Academics), and the Director) in this regard shall be applicable.

- **Multidisciplinary Minor:** Rules laid down by the academic authorities (Chairperson, Board of Studies, Dean (Academics), and the Director)) in this regard shall be applicable.


- **Internship and On Job Training (OJT):**

Expected Learning Outcomes after the Internship /On Job Training are:

- Knowledge of the company/industry/Institutions/social organizations etc. and its governing operation standards.
- Opportunity to familiarize with the industry of their discipline, experience work culture and discover the organizations within the industry. Also acquire interpersonal skills through meeting with professionals in their field of study.
- Opportunity to correlate theoretical lessons and principles with practical applications.
- Opportunity to discover grass root problems and fundamental issues in industry with a view to take major project and development of innovative solutions.

  
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## 7. [ARM-MIT-N-BT-23-07] Honours/ Double Minor /Honours with Research:

### 7.1 Credit requirements:

- 7.1.1. In line with the NEP 2020 guidelines and the directives of the Government of Maharashtra, as stated above, **Maharashtra Institute of Technology (MIT)**, Chhatrapati Sambhajnagar, has designed the credit framework under Four-Years UG Bachelor of Technology (B. Tech) [with mandatory Multidisciplinary minor] degree program, with consideration of **Honours/ Double Minor /Honours with Research** degree requirements. The Credit Framework proposed at the Institute level is as given in **Table 2**.
- 7.1.2. The credit requirements for these **Honours/ Double Minor /Honours with Research** degree requirements is as below:
- ❖ Additional Credits for Bachelor Degree- with **Double Minor OR Honours**:  
18 Credits - **These are additional credits shall be offered from the second year to the final year and will be offered as an option to students.**
  - ❖ Additional Credits for Bachelor Degree- **Honours with Research**: Minimum 18 Credits - **These are additional credits shall be offered in the final year and will be offered as an option to students.**
- 7.1.3. The specialization for Honours/ Minor degree program corresponding to each engineering program starting from academic year 2023-24 is mentioned in **Table 8** and **Table 9**, respectively.
- 7.1.4. Institute shall follow the curriculum structure and credit framework for Honour and Double Minor degree program as mentioned in sample document in **Annexure-I** and **Annexure-II** respectively.
- 7.1.5. Honour degree or Double Minor degree is **Optional**. The students those who fulfill the eligibility norms can enroll for it.
- 7.1.6. Student may opt for either Honour or Double Minor degree program at a time and not the both.
- 7.1.7. The Honour with specialization is a degree program for eligible students of the same department (offering department /UG program). Other department students

  
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cannot opt this option.

7.1.8. This Minor with specialization is referred as the Double Minor degree program. Eligible students other than the offering department /UG program students, can opt this option of Minor degree program

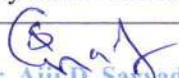
7.1.9. An Honour with Research is also optional for the Undergraduate Engineering students pursuing B. Tech. program. This program is applicable in the Semester VII and VIII at the department (Major Discipline).

**Table 8: Honours Degree Programs**


Sr. No.	Specialization of Honours Degree Program	Offered by the Department/ Program (Major Discipline)
1	Smart Agritech	Agricultural Engineering
2	Green Technology and Sustainable Environment	Civil Engineering
3	Digital Media	Computer Science and Design
4	Cloud Computing	Computer Science and Engineering
5	Internet of Things	Electronics and Computer Engineering
6	Electric Vehicles	Electrical Engineering
7	Generative AI	Artificial Intelligence and Data Science
8	Robotics and Automation	Mechanical Engineering
9	Polymeric Materials	Plastic and Polymer Engineering

**Table 9: Double Minor Degree Programs**

Sr. No.	Specialization of Minor Degree Program	Offered by the Department/UG program
1	Advanced Agricultural Engineering	Agricultural Engineering
2	Sustainable Infrastructure and Smart Cities	Civil Engineering
3	Design Engineering	Computer Science and Design
4	Cyber Security	Computer Science and Engineering
5	Data Science	Electronics and Computer Engineering
6	Sustainable Energy Engineering	Electrical Engineering
7	Data Analytics	Artificial Intelligence and Data Science
8	Mechanical Engineering Systems and Automation	Mechanical Engineering
9	Polymeric Products and Project Economics	Plastic and Polymer Engineering

  
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## 7.2 Enrolment to Honour or Minor Degree Program:

- 7.2.1. It is optional for students (enrolled for UG B. Tech program) to take Honours/Double Minor degree program. However, the Multidisciplinary Minor is mandatory.
- 7.2.2. Each eligible student can opt for maximum one Honour or one Minor (Specialization) program at a time.
- 7.2.3. The students entered in the Institute from other Institute/University at Third year of program are not eligible to enroll for Honours/ Minor degree program.
- 7.2.4. The student shall complete the Honours/ Minor/ Honours with Research courses in stipulated six semesters only (Semester III, IV, V, VI, VII and VIII).
- 7.2.5. A student can exercise the option to withdraw from the Honours/Minor degree programs at any time after entry.
- 7.2.6. Details about the courses to be completed and credits earned for Honours or Double Minor or Honours with Research degree will appear only in the 'Eighth Semester Grade Sheet' and/or 'Consolidated Grade Sheet'. These details will be listed under the heading 'Credits Earned for Honours degree' or 'Credits Earned for Double Minor degree' or 'Credits Earned for Honours with Research degree'. In the case of students who have either withdrawn or become ineligible for Honours or Minor degree by not securing minimum '**First Class or 6.75 CGPA**', the credits earned for the courses registered and successfully completed for Honours/Minor degree will be listed under the heading 'Additional Credits Earned'. For equivalence of CGPA and Class refer the Other Section.
- 7.2.7. The CGPA will be calculated for all the courses credited by the students inclusive of major and Honours or Minor courses.
- 7.2.8. Nomenclature of B. Tech degree with Honours is '**B.Tech. in XXX (Honours) with Multidisciplinary Minor**', where XXX is Discipline in which the student has enrolled.
- 7.2.9. Nomenclature of B. Tech degree with specialization Minor (Double Minor) degree is '**B.Tech. in XXX with Multidisciplinary Minor and Minor in YYY**',

  
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where XXX is Discipline in which the student is enrolled and YYY is Discipline which the student has opted as Minor.

- 7.2.10. Nomenclature of B. Tech degree with Honours with Research is ‘**B.Tech. in XXX (Honours with Research) with Multidisciplinary Minor**’, where XXX is Discipline in which the student has enrolled.
- 7.2.11. The nomenclature of B. Tech degree with inclusion of Multidisciplinary Minor, Honour and/or Double Minor/ Research program may vary based on the guidelines received from the Affiliating University and/or AICTE/UGC/Department of Higher and Technical Education from time to time.
- 7.2.12. A student is eligible to get the Honours or Double Minor or Research degree only on completing the program (**Major Discipline degree**) in ‘**First Class or CGPA of 6.75**’, **calculated at the end of VIII semester**.
- 7.2.13. A student is eligible to continue or completing the Honour or Minor degree program if he successfully earns the credits as prescribed in each semester (**All Courses**) and also in the courses opted for the Honours or Minor program in that semester.
- 7.2.14. In case, a learner who has opted for Honours or Minor degree program and fails in the first attempt including Make-up Examination (either in regular examination conducted by Institute OR **fails in the proctored examination conducted by the MOOC platform, OR fails in the examination conducted in other mode decided by the Institute**) OR becomes a TNG (Term Not Grant) OR Attendance defaulter OR proved guilty in Unfair-Means case OR not eligible for admission to the next year of the B.Tech. program and gets a year drop due to progression rules, s/he will not be eligible to continue the Honours or Minor degree program and the program will then be automatically discontinued for such learners.
- 7.2.15. Students should not be included in any Unfair Means activity either in Theory and Practical Examination of Major courses or Honour/Minor Courses.



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## 7.3 Eligibility for Enrolment/Registration for Honour Degree:


- 7.3.1. The student shall be given an **option** to earn an honours degree in the **same discipline** of engineering at the end of first year based on his academic performance in the first year (Semester I and II).
- 7.3.2. A student is eligible to exercise this option if he has passed all the subjects offered in the first year in the **first attempt itself** (including the make-up examination result) and has earned a **CGPA of not less than 7.5**.
- 7.3.3. The students admitted in the **second year through Lateral Entry Scheme** will also be given a chance to opt for Honours degree. Eligibility to avail this option is **CGPA/CPI of not less than 7.5 or 75% aggregate** in Diploma degree or mentioned in their Final year marksheet. These students will join the existing batch of students in the third semester.
- 7.3.4. **Honours degree in a particular discipline of engineering shall be offered for a batch of students if and only if a minimum 05 or minimum 10% of the sanctioned intake of the UG program (offering program) eligible students opt for it.**
- 7.3.5. The student is required to earn an additional minimum 18 credits (over and above the prescribed maximum credits in the curriculum) starting **from the third semester** onwards to become eligible for the award of Honours degree.
- 7.3.6. Minimum 18 credits shall be earned by the student by completing 6 additional courses of 3 credits each, one in each of the 6 semesters starting from the third to eight semesters.
- 7.3.7. The detail Curriculum structure and the mode of Hybrid Teaching learning is mentioned in the subsequent course Structure and syllabi.

## 7.4 Eligibility for Enrolment/Registration for Double Minor Degree:

- 7.4.1. As per the NEP 2020 based curriculum structure, every student enrolled for UG B. Tech program and successfully completing the regular 4 years course (168 Credits) will be awarded **B. Tech in Major discipline with Mandatory**

  
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**Multidisciplinary Minor.** The student shall be given an **option** to earn **additional minor degree** in **another discipline** of engineering of his/her choice at the end of first year based on his academic performance in the first year. In that context, it is referred as the “**Double Minor Degree**”

- 7.4.2. A student is eligible to exercise this option if he has passed all the subjects offered in the first year (Semester I and II) in the **first attempt itself** (including the make-up examination result) and has earned a **CGPA of not less than 7.5**.
- 7.4.3. The students admitted in the **second year through Lateral Entry Scheme** will also be given a chance to opt for Minor degree. Eligibility to avail this option is **CGPA/CPI of not less than 7.5 or 75% aggregate** in Diploma degree or mentioned in their Final year marksheet. These students will join the existing batch of students in the third semester.
- 7.4.4. **Minor degree in a particular discipline of engineering shall be offered for a batch of students if and only if a minimum 05 or minimum 10% of the sanctioned intake of the UG program (offering program) eligible students opt for it.**
- 7.4.5. The student is required to earn an additional minimum 18 credits (over and above the prescribed maximum credits in the curriculum) starting from the third semester onwards to become eligible for the award of Honours degree.
- 7.4.6. Minimum 18 credits shall be earned by the student by completing 6 additional courses of 3 credits each, one in each of the 6 semesters starting from the **third to eight semesters**.
- 7.4.7. The detail Curriculum structure and the mode of Hybrid Teaching learning is mentioned in the subsequent course Structure and syllabi.

## 7.5 Eligibility for Enrolment/Registration for Honours with Research Degree:

- 7.5.1. The student shall be given an **option** to earn an Honours with Research degree in the **same discipline** of engineering in Fourth year based on his academic performance till end of Third year (Semester I, II, III, IV, V and VI), as applicable

  
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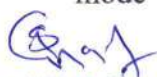
  
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to their regular or lateral entry to the program.

- 7.5.2. A student is eligible to exercise this option if he has passed all the subjects offered till Third year in the **first attempt itself** (including the make-up examination result) and has earned a **CGPA of not less than 7.5**.
- 7.5.3. The student is required to earn an additional minimum 18 credits (over and above the prescribed maximum credits in the curriculum) in the Fourth Year (during Semester VII and VIII)s to become eligible for the award of Honours degree.
- 7.5.4. Minimum 18 credits shall be earned by the student by completing few Theory courses (relevant to research field in the major discipline, IPR and Analysis) and the completion of Dissertation work.
- 7.5.5. The detail Curriculum structure and the mode of Hybrid Teaching learning is mentioned in the subsequent course Structure and syllabi

## 7.6 Curriculum and Mode of Preparation for the Honour/ Double Minor/ Honours with Research Degree Courses:

- 7.6.1. Students from FY and DSY can enroll for the **Honour / Double Minor** degree program. Considering the smooth implementation of Honour and Minor degree program starting at III Semester, Institute has offered **two courses in physical mode** (Semester III and IV). The sample curriculum structure and credit framework for these programs are mentioned in **Annexure-I** and **II** respectively.
- 7.6.2. From Fifth semester onwards, the students opting for the Honour or Minor degree shall earn the credits, by self-study mode as decided by the Head of Department. It could be of following two online modes:
  - a) **Online Mode A:** Enrolling and completing to the course through MOOC platform such as SWAYAM, NPTEL, or any other platform recognized by the state and central government of India. In this case the proctored exam will be conducted by the MOOC Portal.
  - b) **Online Mode B:** Department may offer the courses to be completed in Online mode (self-paced study mode). The course **e-content** will be made available



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by the department or department may instruct to follow the e-content available on the portal/website which is either recognized by University/National body recognized portal.

- 7.6.3. The courses offered in above two online modes should be of nature carrying minimum 3 credits. The list of courses for such degree programs will be notified by the respective Head of Department by approval of the Board of Studies (BoS) and subsequently by the Academic Council, at the beginning of the semester or as per the dates of commencement of these courses in various platforms.
- 7.6.4. In case of the courses offered in Online Mode A (MOOC portals like SWAYAM, etc), all the students has to mandatorily opt that choice. There will be no options to register or complete the course in physical mode or Online Mode B. Department will take care to offer the courses, such that, the result of such courses will be declared before the result declaration of regular semester pattern End Semester examination. Students will register for course as per the enrolment calendar and also appear for proctored examination conducted by the MOOC Platforms. Students will follow the rules/guidelines of that MOOC platform.
- 7.6.5. In case of the courses offered in Online Mode B, to be completed in Online mode (other than the MOOC portal and self-paced study mode), all the students has to mandatorily opt that choice. There will be no options to register or complete the course in physical mode or Online Mode A. Students will register for course, if applicable. Examinations in these courses Internal (ISE, CIE, TA, etc) and End Semester Examination (ESE) will be as per the Institute rules and regulations. Department will instruct the assessment and examination methodology at the beginning of the semester.
- 7.6.6. In both online modes, the students have to prepare in online mode and get successfully passed. The mentor will be assigned by the concerned department.
- 7.6.7. Looking the necessity of this degree program and non-availability of courses/e-content relevant to program of study and the level in online mode, the physical mode courses will be made available (with approval of BoS and Academic

  
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Council). Such courses will be framed considering the Credit framework of Institute including the components of Examination and Assessment including, Continuous Internal Evaluation (CIE), Teacher's Assessment (TA), In-Semester Examination (ISE) and End Sem. Examination (ESE).


- 7.6.8. For **Honour degree programs**, the courses in online mode (A & B) or physical mode will cover advanced topics in that discipline of engineering.
- 7.6.9. For **Minor degree programs**, the courses in online mode (A & B) or offline mode will cover normal as well as emerging topics in that discipline of study. The curricular content of 6 courses designed/framed for offline-mode or opted for online-mode will be such a way that that these courses will essentially cover the core minimum knowledge required to be fulfilled for award of degree in the discipline of engineering in which the student chooses to earn the minor degree.
- 7.6.10. For **Honour with Research degree programs**, the Theory courses, if any shall be conducted in physical/ MOOC platforms. However, the research/ Dissertation work shall be conducted in Physical mode in major discipline of study.

## 7.7 Examination and Evaluation of Honours/Minor Degree Courses:

- 7.7.1. Assessments and result declaration are entirely done by MIT. Honours/Minor degrees courses shall be offered from second year onwards as per specialization and particular program. Depend upon the option of completing the courses in physical mode (Semester-III and IV) and Online mode (A & B) (Semester-V to VIII), the following shall be modalities of Examination and Evaluation.
- 7.7.2. For Course offered in Physical Mode and Online Mode-B, it shall be as below:
- The components of Examination and Assessment including, Continuous Internal Evaluation (CIE), Teacher's Assessment (TA), In-Semester Examination (ISE) and End Sem. Examination (ESE) evaluation shall follow the pattern as mentioned in Syllabi.
  - Question paper will be set and delivered by Institute for the courses conducted in physical mode as well as for Online-B mode for all Honours

  
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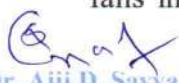
  
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/Minor program.

- c) End semester Examination will be done as per the laid down practices by following all applicable ordinances and regulations of Institute.
- d) Honours /Minor degree courses treated as Credit type of courses, wherein passing marks set will be 40%. The students has to score minimum 40% marks in the End Semester Examination and cumulatively including the CIE, TA, ISE and ESE, student has to score minimum passing marks that set to 40%. If any student scores equal or more than passing marks in particular course can be declared as pass.
- e) In case, a learner who has opted for Honours or Minor degree program and fails in the regular examination will be given one more attempt (through immediate make-up examination as per Institute norms). Even-after that, if the student fails in that course, s/he will not be eligible to continue the Honours or Minor degree program and the program will then be automatically discontinued for such learners.
- f) Credits earned by students in Honours/Minor degree shall not include in overall Cumulative Grade Point Average (CGPA).
- g) Honours /Minor degree shall be conferred only after successful completion of all courses.

7.7.3. For Course offered in Online Mode –A (through MOOC platform), it shall be as below:

- a) A student opting for the Credit courses through the MOOC Platform has to complete the self-paced learning. S/He shall successfully complete the components of Examination and Assessment as laid down by the MOOC platform. Students should enroll and appear for the proctored examination conducted as per schedule decided by the MOOC platform. Institute will not conduct a regular examination for those courses.
- b) In case, a learner who has opted for Honours or Minor degree program and fails in the regular examination conducted by MOOC Platform and do not



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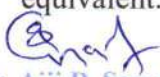
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earn the credits will be given one more attempt (through immediate make-up examination as per Institute norms). Even-after that, if the student fails, s/he will not be eligible to continue the Honours or Minor degree program and the program will then be automatically discontinued for such learners.


- c) It may be possible that Institute level examination (for the SWAYAM or other MOOC portal offered courses) may be conducted as per the provisions of these MOOC platforms to encourage students for Credit transfer and to conduct the examination as per the academic/examination calendar of the Institute. Approval of the respective BoS and Academic Council is mandatory for the same.
- d) On successful completion of Honours /Minor degree courses through MOOC portals, it will be considered for credit transfer as per the Credits mentioned in the curriculum of program. If required, percentage of marks mentioned in the certificate/ result, will be converted to Grade and Grade/Credit point, as per the examination rules and norms of the Institute.
- e) Credits earned by students in Honours/Minor degree shall not include in overall Cumulative Grade Point Average (CGPA).
- f) Honours /Minor degree shall be conferred only after successful completion of all courses.

## 7.8 Examination and Evaluation of Honours with Research Courses:

- 7.8.1. Assessments, Examination and Evaluation for the courses of **Honours with Research degree** shall be done by MIT, as per the Internal and ESE scheme of Examination. The guidelines provided in curriculum structure shall be followed.
- 7.8.2. The examination in Dissertation part shall be evaluated in presence of HOD/ Program Coordinator, Internal Guide/Supervisor, External Examiner and Chairperson [Dean (Research and Development)] or his/her nominee.
- 7.8.3. The external Examiner shall not be below the cadre of Associate Professor or equivalent.

  
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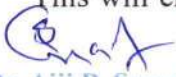
## 8. [ARM-MIT-N-BT-23-08] Credit Transfer

### 8.1 Credit Transfer through MOOC Courses:


- 8.1.1. Undergraduate students can register up to 40% of the total courses being offered in a particular program in a semester through the Online Learning Courses offered through the SWAYAM/NPTEL platform and/or other State level common platforms which can be developed in due course with the participation of different Universities/ Higher and Technical Education Institutions, as per the approval of BoS and Academic Council.
- 8.1.2. Courses which are not covered in (a) may be considered with approval of Academic Council as per recommendations from BoS from time to time.
- 8.1.3. MOOC is allowed for specific Mandatory/ Program Electives / Open Elective and Mandatory Non-Credit Courses with approval of Academic Council as per recommendations from BOS from time to time.
- 8.1.4. Only those MOOC courses are allowed for Credit Transfer which have credits more than or equal to the credits assigned to the course in the curriculum structure.
- 8.1.5. The MOOCs courses decided by the respective Board of Studies (BoS) and approved by Academic Council shall be of advanced or recent topics. They should not have similar or overlapping contents vis-a-vis the courses offered by the respective Board of Studies.
- 8.1.6. A student shall earn 12 additional credits through MOOCs platform for appearing for Honour/Double Minor degree program courses as detailed in Other Section.

### 8.2 Credit Transfer through Multi-institutional Learning:

- 8.2.1. The student shall be allowed to earn some credits from other NEP compliant institutions/Autonomous Institutes/ Dr. B.A.M. University affiliated colleges. This will enhance the teaching-learning of the Institute and students. This Multi-

  
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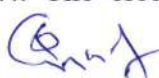
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- institutional learning permissions shall be mentioned in the Memorandum of Agreement (MoU) established between MIT and other Course offering Institute.
- 8.2.2. Students enrolled in the B. Tech programs may avail such credits transfer and/or online courses available within the 40% cap mentioned by UGC.
- 8.2.3. A student must provide all details including the approval or acceptance letter from the other side. These details will be evaluated by the concerned departmental BoS before giving approval. These BoS will then decide the number of equivalent credits the student will get for such course(s) in MIT.
- 8.2.4. A student has to get minimum passing grades/ marks for such courses for which the credits transfer is to be made.
- 8.2.5. Credits transfers availed by a student shall be properly recorded on ABC card.

### 8.3 Credit Transfer through Students Exchange Program for Semester- long Academic Engagement at/from HLIs/ Indian as well as Foreign Universities of Repute:

- 8.3.1. In a total span of EIGHT semesters of UG program, an aspiring and eligible student from MIT, may be facilitated for undertaking his/her studies at any Higher Learning Educational Institute(HLI)/University of repute, within **India as well as Foreign**, for a maximum of TWO semesters.
- 8.3.2. Academic Council will seek the permission of Governing Body to establish the MoU with the Foreign University/Institute, by providing the details about academics and administrative part. Dean (Academics) will provide the information and recommendations in context with student eligibility, feasibility and course requirements, whereas the Registrar will provide the information and recommendations in context with policy matter, terms and conditions, financial liabilities on both parties as well as legal aspects.
- 8.3.3. Third year UG Engineering students, without any backlog i.e. having earned all the credits offered up to second year and having secured minimum CGPA of 8 shall be eligible to apply under this scheme.
- 8.3.4. The credits earned for the semester, by such students, shall be appropriately

  
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accommodated in the grade sheet of the respective semester/s, with the grades considered for SGPA and CGPA calculations.

- 8.3.5. The choice of Institute, to which the student wishes to spend his/her academic semester, shall be guided by the Institute (MIT), from among the list of Institutes/Universities with which it has MoUs for such associations. The choice may also be suggested/requested by the student and in that case the “Semester Transfer proposal” for an aspiring student, shall be forwarded by the respective faculty mentor and HOD for the final approval by the authorities.
- 8.3.6. The student will be required to register for courses offered at the institution for respective semester. Transfer of credit shall be governed by the equivalence and absorption scheme as proposed by the respective Board of Studies and approved by Academic Council of MIT. In case of less number of credits offered than the credits of MIT in the respective semester, student shall have to opt for additional course and earn additional credits at MIT. In case of more credits earned under Credit Transfer Scheme (CTS), the additional credits will be considered for calculation of SGPA/CGPA.
- 8.3.7. The financial liability in terms of tuition fees for the transferred semester, travel, stay and food arrangements, other miscellaneous expenses etc. shall, in general, be accepted by the beneficiary student and undertaking to this effect shall be submitted by the Student to MIT, along with his/her proposal in this regard. In case the student wishes to spend the semester at peer Institutes with whom MIT has an MoU for CTS/Students Exchange, the semester tuition fee component (from total fees paid by the Student to MIT), shall be shared with that Institute by MIT, case-on-case basis.
- 8.3.8. Though the CTS/Students Exchange program is expected to be executed in physical mode (student physically spending the semester in the target HLI/ University), the Virtual (Online) mode may be permitted in exceptional cases.
- 8.3.9. The CTS/Students Exchange program shall also be open for the aspiring and



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eligible students, from reputed peer Institutes/Universities, from within the state or country, or overseas, towards an academic engagement for a maximum of TWO semesters at MIT departments. Dean (Academics), upon receiving such request applications, duly recommended by the authorities of nominating Institute/University, shall facilitate such incoming students in terms of allotment of credits/coursework in a particular department, continuous/end-semester assessment and issuing the grade sheet. Registrar shall ensure the submission of semester tuition fees from such students to MIT, as the case may be, and may facilitate the incoming students, for hostel accommodation (if available), acquaintance with campus activities, cultural and life skills training etc.

8.3.10. Promotion rule of MIT shall be applicable to the students.

8.3.11. In case the student fails in the courses during CTS in a particular semester, he/she shall be required to pass an equivalent course at MIT as per the equivalence and absorption scheme.

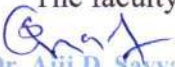
## 8.4 Credit Transfer on the ABC portal and Faculty Mentor:

8.4.1. The courses for which credit obtained elsewhere, in Indian or foreign University/Institutions/ Colleges by students during their study period at MIT may count towards the credit requirements for the award of degree. Such credit transfer will be based upon Academic Bank of Credits (ABC).


8.4.2. Since credits awarded to a student for one program from an institution may be transferred/redeemed by another institution upon the student's consent through ABC, it is essential that a student should get enrolled on ABC (create ABC ID), and share ABC ID with academic institutions where he/she is enrolled. Credits earned by student will reflect in the his/her ABC account. The credits transferred will reduce the number of courses to be registered by the student at MIT.

8.4.3. The guidelines for such Credit Transfer shall be provided by the respective HOD as per the instructions received from the Academic Council from time to time.

The faculty mentor shall be allocated by the respective HOD.

  
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## 9. [AR-MIT-N-BT-23-09] Admission, Enrollment, Registration & ABC:

### 9.1 Admission:


- 9.1.1. The admissions for UG programs are done strictly on Merit basis in transparent manner in accordance with the rules and regulations of DTE Maharashtra State.
- 9.1.2. The Institute shall follow norms for eligibility of the students for admission to various programs as per the competent authority. There is a provision for candidates with Diploma in Technical Education and also the students who are B.Sc. graduates to join UG degree programs for the lateral entry in the second year of the 4-year programs as per the prevailing practice in the University.
- 9.1.3. The students with B.Sc. degree taking admission to second year level shall have to appear, additionally, for theory and practical (if applicable) examination of all Engineering Sciences (ESC) category courses of First year (applicable program)
- 9.1.4. The Institute follows admission procedure strictly as per Government of Maharashtra, on the basis of Rank/merit scored through CET and JEE (main).
- 9.1.5. The intake of students for the various programs shall as per AICTE and other competent authorities.

### 9.2 Enrollment:

- 9.2.1. The students admitted to the program offered by the institution will be enrolled with MIT, an Autonomous Institute, affiliated to Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar.
- 9.2.2. For regular higher classes and the re-enrollment at any class, Registrar Office will notify the schedule and procedure for enrollment at the beginning of the semester/academic year. A candidate has to adhere to its due procedures within the time schedule, irrespective of the result declaration of previous academic semester. The candidature of the student will be provisional till his/her enrolment is accepted and fulfills the academic progression/promotion eligibility criteria. Relevant documents should be submitted to the Registrar Office.
- 9.2.3. In case the provisional admitted student fails to get the promotion in next class,

  
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the tuition fees (partial/full) paid by the candidate will be refunded, as per the norms of the Institute.

### 9.3 Registration:

- 9.3.1. At the beginning of the first semester of the UG Programme, every student shall be required to register his/her profile on the Institute ERP portal and every student shall be allocated with a unique Permanent Registration Number (PRN), which shall be used to identify a student at any time. Also, student admitted shall have his/ her unique Student ID. The ID format shall be as **MITYY-A-03-PP-BBB-SSSSS** (For Example - MIT24-A-03-UG-ETC-46372). Where, **YY:** Indicates the last two digits of year of Admission, **A:** Indicates the Autonomous, **PP:** Indicates program level (UG or PG), **BBB:** Indicates the branch name or major discipline of study, **SSSSS:** Indicates Student serial number.
- 9.3.2. Registration at the beginning of each academic year, on the prescribed dates announced from time to time, by payment of the stipulated fees along with duly filled in admission form is compulsory for every student till he/she completes the program.
- 9.3.3. A student shall be permitted to register in the next semester/year only if he/she fulfills the following conditions:
- Satisfies all the academic requirements to continue with the program.
  - Cleared all Institute, Hostel and Library dues and fines (if any) of the previous semesters.
  - Paid all required advance payments of the Institute and hostel for the current semester/academic year.
  - Not been debarred/rusticated/detained/suspended from the Institute on any specific grounds, based on the duration and conditions mentioned by the concerned Institute authority.
- 9.3.4. Mandatory pre-registration for higher Classes (Second to Final Classes): In order to facilitate proper planning of the academic activities of a semester, it is



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mandatory for a student to declare his/her intend to register for an Elective /Audit Course(s) well in advance, before the actual start of the academic session, which has to be carried out in the allotted duration.

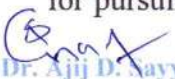
- 9.3.5. Students who fail to register for Course work, Electives and Audit courses on the notified date may be permitted by the Department for late registration till the last date of registration announced in the academic calendar after payment of additional late registration fees fixed by the Institute.
- 9.3.6. In-absentia registration may be allowed only in rare cases at the discretion of the Director/ Dean (Academics) in case of circumstances beyond the control of students.

#### 9.4 Eligibility for Promotion to Higher class:


- 9.4.1. For being eligible to register for (or take admission in) Semester III, student must have earned at least 60% of the total credits (rounded off to nearest lower integer) in first year (Semester I & II together).
- 9.4.2. For being eligible to register for (or take admission in) Semester V, student must have passed all courses of First Year. Student must have earned all the credits offered in first year along with audit courses & earned at least 60% of the total credits (rounded off to nearest lower integer) in second year (Semester III & IV together). For DSY student, students must have earned at least 60% of the total credits (rounded off to nearest lower integer) in second year.
- 9.4.3. For being eligible to register for (or take admission in) Semester VII, student must should have passed all courses of second year and earned at least 60% of the total credits (rounded off to nearest lower integer) in third year (Semester V & VI together).

#### 9.5 Enrollment in other University and Simultaneous enrollment for Dual degree:

- 9.5.1. The student admitted for regular (Full time) UG course may be permitted to take the admission to other University/ College/ Institution, under the scheme of UGC for pursuing simultaneous Dual degree (other degree in Online Mode), as per the

  
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ordinances/regulations of the DBAMU University. Student has to apply separately for such permission. Registrar Office will issue the permission letter.

- 9.5.2. The student admitted for regular UG course shall not undertake any full time employment during the period of the program.

## 9.6 Change of Branch:

A student seeking change of branch at semester III (after First-Year) must have earned all the credits of I and II semesters. The change of branch shall be effected as per the rules and norms approved by the Government/Competent authority from time to time.

## 9.7 Equivalence and Absorption of students:


- 9.7.1. **From University Pattern to Autonomous Pattern (NEP 2020 Based Curriculum):**

9.7.1.1. The students from University pattern, desirous of seeking admission to Institute shall be enrolled in Odd Semester i.e. III, V and VII semester in autonomous pattern. Such student has to fulfill the prevailing ATKT norms of University, to become eligible for admission. However, such students have to clear backlog subjects (courses) if any, by appearing for the respective examinations of University. The norms of equivalence shall be decided by the Academic Council on the recommendations of the Equivalence Committee and BoS from time to time. These students shall be absorbed by obtaining the permission from the competent authority and following all its guidelines.

- 9.7.1.2. **The maximum duration (Number of years permissible) to complete the degree program will be as per the University Pattern/ academic rules applicable to the student at the time of admission. It is maximum 8 years for those who admitted in University pattern in first year and maximum 6 years for those who admitted in University pattern in Direct Second year.**


  
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- 9.7.1.3. For the courses (compulsory/ elective/any other course) of all UG programs which are closed by the respective department in a semester of a particular academic session, maximum four consecutive (as and when the examination is conducted) available attempts will be provided to pass these courses. Thereafter, the student shall be absorbed in new Autonomous scheme, as per the equivalence scheme of respective BoS.
- 9.7.1.4. While switching from University pattern to autonomous pattern, the CGPA of such student shall be calculated from the SGPA obtained in previous semesters in the University pattern. While switching from University pattern (where Credit base system is not available) to autonomous pattern the SGPA/ CGPA of such student shall be calculated as: **SGPA/CGPA=(Percent Marks/10) +0.75**
- 9.7.1.5. For direct admission to second year by transfer from other Institute, the calculation of CGPA shall be governed by Rule 9.7.1.4 in case the SGPA/CGPA is not mentioned in the mark list. For direct admission to second year by lateral entry (after Diploma), the calculation of CGPA shall be done from III semester onwards.
- 9.7.2. **From Non-NEP Pattern (Autonomous, WEF 2021-22 and AY 2022-23 Pattern) to Autonomous Pattern (NEP 2020 Based Curriculum):**
- 9.7.2.1. The students from **Non-NEP Pattern** (admitted in autonomous pattern, wef AY 2021-22 & AY 2022-23), desirous of seeking admission to Institute shall be enrolled in Odd Semester i.e. III, V and VII semester in autonomous pattern (**NEP 2020 Based Curriculum**). Such student has to fulfill the prevailing Credit requirements norms of Institute, to become eligible for admission. However, such students have to clear backlog subjects (courses) if any, by appearing for the respective examinations of **Non-NEP Pattern** courses. The norms of absorption/equivalence shall be decided by the Academic Council on the recommendations of the Equivalence Committee from time to time.

  
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These students shall be absorbed by obtaining the permission from the academic authority of Institute, Admission Committee of Institute and the Chairperson, Academic Council, following all its guidelines.

9.7.2.2: **The maximum duration (Number of years permissible) to complete the degree program will be as per the Autonomous Pattern/ academic rules (framed w.e.f. AY 2021-22) applicable to the student at the time of admission. It is maximum 6 years for those who admitted in Non-NEP Autonomous pattern in first year and maximum 5 years for those who admitted in Non-NEP Autonomous pattern in Direct Second year.**


9.7.2.3. For the courses (compulsory/elective/any other) of all UG programs which are closed by the respective department in a semester of a particular academic session, maximum four consecutive (as and when the examination is conducted) available attempts will be provided to pass these courses. Thereafter, the student shall be absorbed in new Autonomous scheme, as per the equivalence scheme of respective BOS.

9.7.2.4. While switching from autonomous pattern (**Non-NEP**) to autonomous pattern (**NEP**), the CGPA of such student shall be calculated from the SGPA obtained in previous semesters in the autonomous pattern.


9.7.2.5. For direct admission to second year by transfer from other Institute, the calculation of CGPA shall be governed by Rule 9.7.1.4 in case the SGPA/CGPA is not mentioned in the mark list. For direct admission to second year by lateral entry (after Diploma), the calculation of CGPA shall be done from III semester onwards.

9.7.3. **Students absorbed from University Pattern or Non-NEP Autonomous Pattern shall not be allowed for the options like Multiple entry Multiple exit, and Honour/Double Minor/Honours with Research degree.**

9.7.4. **The decision regarding the applicability of mandatory schemes and Incentive schemes to such students will be discretionary power of the Chairperson of Academic Council of the Institute.**

  
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## 9.8 Temporary Withdrawal:

- 9.8.1. A student who wants to withdraw from a semester/year shall apply within one week from the end of the First ISE, to Registrar office through HOD for such withdrawal with stating the valid reason along with relevant documents, No dues certificate, and written consent from parents. It will be recorded in the registration record of the student by Registrar office.
- 9.8.2. In case a student is unable to attend classes (due to his/her other priority or absence on medical grounds) for more than four weeks during the semester, a student may apply for withdrawal from the semester/year, if he/she so desires. But such an application must be made to the Director through HOD, as early as possible and latest before the beginning of ESE.
- 9.8.3. The withdrawal shall be considered for a complete year, from the stage of application for withdrawal in a particular semester/year. A student desirous of re-joining the Institute has to take admission in Institute in the next academic year in the same semester where he/she has applied for the temporary withdrawal.
- 9.8.4. Normally students will be entitled to avail temporary withdrawal facility only once during the program duration. Any additional request for withdrawal shall have to be approved by Academic Council. Registrar Office shall pursue all such cases and put up the case to Academic Council for approval.
- 9.8.5. The students from **Non-NEP** Pattern (students admitted in AY 2021-22/ 2022-23 autonomous pattern), desirous of re-joining the Institute under **NEP** pattern after temporary withdrawal has to take admission in Institute in Odd Semester i.e. III, V and VII semester in autonomous pattern (**NEP 2020 Based Curriculum**). The rules mentioned in clause 9.7.2 to 9.7.4 shall be applicable to him/her.

## 9.9 Academic Bank of Credits:

- 9.9.1. It is compulsory for all students to get registered and enrolled on Academic Bank of Credits, create ABC ID, and share their ABC ID with the Institute. Credits Earned by the student shall be reflected in the student's ABC account.



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- 9.9.2. Dean (Exam & Eval) shall support HOD for ABC portal related issues.
- 9.9.3. The SWAYAM or NPTEL Faculty Coordinator shall ensure the availability of Online enrolled courses for credit Transfer.
- 9.9.4. The Credit Transfer as mentioned in Clause 8.4, shall also be referred in this context.

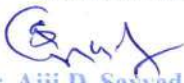
## 9.10 Minimum Students Requirement for an Elective Course:

An elective course in a department shall run only if **minimum 15** students from the sanctioned intake register for it in a regular semester. However, under special circumstances, a course may run with fewer students with prior permission of the Director.


## 10.[AR-MIT-N-BT-23-10] Examination, Assessment and Evaluation:

### 10.1 Examination Scheme and Conduct of Examination:

- 10.1.1. In a semester, a student shall be evaluated for his/her academic performance in a theory & practical credit course through In-Sem Examination (ISE), Teacher's Assessment (TA), Continuous Internal Evaluation (CIE) and End Semester Examination (ESE), as per curriculum structure.
- 10.1.2. All the examinations shall be conducted as per the syllabi and Scheme of Examination (SoE) prescribed by the respective BOS and approved by the Academic Council for UG programs.
- 10.1.3. End Semester Examination shall be having weightage of 50 Marks for theory subjects. At the end of the semester, there would be an End Semester Examination based on the complete syllabus scheduled as per the academic calendar approved by Academic Council. For the examination, the minimum percentage for passing for each course code, theory and/or practical examination is **40 %**, failing which he/she will get 'F' grade for that course code.
- 10.1.4. In the case of courses where End Semester Examination is not applicable, student should secure minimum **40 % marks** for passing in that course code

  
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including ISE, CIE, and TA (as applicable), till the end of the semester, as per scheme of Examination. Failing to get minimum **40 % marks**, he/she will get 'F' grade for that course code.

#### 10.1.5. Rule for combined passing:

- A) To pass the examination a candidate must obtain minimum 40% of Marks in CIE, ISE, and ESE taken together, however the candidate must obtain minimum 40% of Marks in the End Semester Examination.
- B) To pass a course where there is no provision of continuous assessment (ISE/CIE/TA), the candidate must obtain 40% of Marks in the ESE.
- C) If the candidate remains absent for the ISE/s, his/her performance should be treated as 'Zero' for the purpose of result.

10.1.6. The Curriculum, CO, PO, PSO and CO-PO/PSO mapping and the Scheme of Examinations (SoE) shall be published on the Institute website by the concerned HOD before the commencement of the academic year.


10.1.7. ESE for all programs shall commence as per the academic calendar approved by Academic Council. These examinations will be conducted as per the Date, Time, Venue/center decided by the Dean (Examinations & Evaluation). However, in case of any contingency, the Chairperson, Examination Committee is empowered to reschedule any examination.

10.1.8. All changes in the syllabi or SoE shall be notified for general information before the commencement of the programs leading to the examination.


10.1.9. All examinations except Practical/Seminar/Project Based Learning/ Problem Based Learning/Continuous Internal Evaluation and viva-voce shall be conducted by means of printed or photocopied question papers.

10.1.10. Except as otherwise provided under the rules relating to particular examinations, each paper shall be of two hours / three hours duration as mentioned in the curriculum structure approved by the Academic Council.

10.1.11. In order to pass an examination, an examinee must satisfy the conditions laid down in the other Sections in this document.

  
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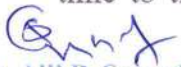
  
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## 10.2 General Rules for Eligibility to appear for End Semester Examinations (ESE):

- 10.2.1. A candidate desirous of taking an examination shall be enrolled as a regular and bonafide student enrolled for a course of study in the Institute and shall be eligible as per his/her validity of program.
- 10.2.2. The students not eligible due to deficiency in attendance (at lectures and practical for the course of studies), Term Not Granted due to non-compliances of academic requirements within stipulated time period shall not be eligible to appear for the examination.
- 10.2.3. All candidates who have migrated from other Universities or Boards shall produce a Migration Certificate from the 'Concerned University or Board' with their application for admission to examinations in this Institute.

## 10.3 End-Semester Examinations (ESE) for Theory Course:

- 10.3.1. End Semester Examination for all mandatory, elective, audit theory courses as per the curriculum structure and SoE for UG programs shall commence as per the academic calendar approved by Academic Council. These examinations will be conducted as per the Date, Time, Venue/center decided by the Dean (Examinations & Evaluation). However, in case of any contingency, the Chairperson, Examination Committee is empowered to reschedule any examination.
- 10.3.2. Detail time-table of End Semester Examinations shall be prepared and disseminated by the office of Dean (Examinations & Evaluation).
- 10.3.3. Dean (Examinations & Evaluation) shall communicate the schedule to the students minimum one week in advance through the notification in consultation with the Chairperson, Examination Committee.
- 10.3.4. The end semester theory paper format shall be decided by the concerned BOS Chairperson and EXC. It should be submitted to the Dean (Examinations and Evaluation) as per the communications received from time to time. The suggestive format unless communicated separately by the

  
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Dean (Examinations and Evaluation) shall be as shown in **Table 10**.

- 10.3.5. The confidential part like mechanism of paper setting and the assessment methodology, etc., is not included here. However, the Dean (Examinations & Evaluation) should prepare the separate guidelines and procedures for the smooth conduct of examination.


**Table 10: ESE Question paper pattern and syllabus (Suggestive)**

Name of Examination	Syllabus	Question Paper Format	Duration
Regular End Semester Examination (ESE), Make-up Examination and Supplementary ESE	All Units - 100% Syllabus	<ul style="list-style-type: none"> <li>Q.1 Objective or Subjective (10 Marks).</li> <li>Q.2, Q.3, Q.4, Q.5, and Q.6 Subjective (Any 1 out of 2) (08 Marks each).</li> <li>Total 50 Marks</li> </ul>	120 min.

- 10.3.6. For an effective assessment of learning outcomes of students, the question paper for Regular End Semester Examination (ESE), Make-up Examination and Supplementary ESE shall cover all sections of the course syllabus uniformly.
- 10.3.7. Every ESE paper setter shall set **two** question papers considering the alignment of Course Outcomes (CO), Program Outcomes (PO)/ Program Specific Outcomes (PSO) and Performance Indicators (PI), as approved by the Module Coordinator and Program Coordinator.
- 10.3.8. Also for the course/s where the course Code and Course Name is same, the question paper should be same, irrespective of the department offering the Course for uniform evaluation.
- 10.3.9. Paper setter shall submit the Question papers along with the model answer and marking scheme, to the Dean (Examinations & Evaluation) as per the office order received.
- 10.3.10. Assessment of the ESE shall be completed within next 15 days after the conduction of the ESE (Last theory Paper).

  
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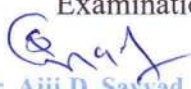
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- 10.3.11. Display of assessment results and Open House for showing the answer books shall be scheduled as mentioned in the academic calendar.
- 10.3.12. The details of the student grievance handling procedure and guidelines are mentioned in this document in other Section.
- 10.3.13. For theory course, having the ESE Examinations for more/less marks other than 50 marks. Their question paper format along with their duration shall be as finalized by Dean (Examinations & Evaluation).
- 10.3.14. Evaluation results shall be shared by the Dean (Examinations & Evaluation) for Regular ESE within 1 month for calculation of CO attainment to the concerned HOD through examination coordinator.
- 10.3.15. The CO attainment shall be maintained in the prescribed proforma by the department.
- 10.3.16. In case of the Open-Elective, Multidisciplinary Minor, Specialization Minor Course or the other course, where the offering department is different than the department from which students are enrolled for the courses and examinations, it is the responsibility of HOD of offering department to calculate the CO Attainment and send it to the concerned department Head/HOD.
- 10.3.17. Rescheduling of the ESE is not permitted in the natural convention. However, the Chairperson, Examination Committee is empowered to take the decision in unforeseen situations.

#### 10.4 End Semester Examinations (ESE) for Laboratory Course:

- 10.4.1. End Semester Examination for laboratory courses shall be conducted as per the examination schedule given in academic calendar at department level. These examinations will be conducted as per the Date and Time decided by the Dean (Examinations & Evaluation). However, in case of any emergency, the examination may be rescheduled with the approval of Chairperson, Examination Committee.

  
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- 10.4.2. In case of performance oriented practical, the evaluation shall be done on the basis of practical performance & viva (oral) examination. Mode of examination for non-performance type of practical, i.e. having only Oral examination shall be declared by the course coordinator in the beginning of the session.
- 10.4.3. Type of practical course i.e. performance type or non performance type shall be decided by the respective Chairperson, BoS.
- 10.4.4. Lab examination shall be conducted in any one of the following manners:
- Oral Examination (viva voce) only (OE): Both internal and external examiners shall assess the knowledge of the course.
  - Practical and Oral Examination (PoE): The students are required to perform the given task as a lab work. The performance of the students shall be assessed jointly both internal and external examiners considering the lab work and knowledge of the course.
- 10.4.5. ESE of Laboratory Courses shall be conducted in a batch. There shall not be more than 15 students for UG and 12 students for PG in one batch. Maximum three batches shall be assessed in one day.
- 10.4.6. Marks shall be entered in examination module by both the examiners and sealed envelope shall be handed over to examination coordinator.

## 10.5 End Semester Examinations (ESE) for Seminar/ Project/ Internship/ Dissertation:

- 10.5.1. For assessment of seminar, student shall be asked to give presentation in the presence of both internal and external examiners followed by question and answer session. Examiners shall judge the student on the basis of presentation/communication skill, depth of understanding, selection of seminar topic, literature survey, seminar report etc.
- 10.5.2. For assessment of Project/Dissertation (P/D) the students/s shall be asked to give presentation and demonstration followed by question and answer session. Both internal and external examiners shall judge the student on the basis of model/prototype prepared, depth of understanding concepts/principles used,

  
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selection of topic and literature survey, contribution in the execution, P/D report, presentation/communication skill etc.

- 10.5.3. There should not be more than 30 students for seminar or 10 Project groups for UG and not more than 15 students for seminar or 4 dissertation for PG in one day.
- 10.5.4. Marks shall be entered in examination module by both the examiners and signed hard copy of marks shall be submitted in sealed envelope to examination coordinator/HoD.
- 10.5.5. Rules regarding the Assessment and Examination for the Dissertation in the Honour with research degree program shall be referred by the concerned examiner and faculty.

## 10.6 In-Semester Examinations (ISE) for Theory Course:

- 10.6.1. ISE of every theory (credit) course shall be conducted by the department as per the schedule mentioned in the academic calendar in coordination with departmental examination coordinator.
- 10.6.2. For theory course, during the semester, there shall be two In-Semester Examinations i.e. ISE-I and ISE-II, each for 15 marks. The suggestive question paper format along with their duration is mentioned in the **Table 11**.
- 10.6.3. The schedule of these examinations should be communicated to concerned students and faculty well in advance through a separate notification.
- 10.6.4. Every Department has to submit the panel of question paper setters for both ISE, at the beginning of the semester (within 15 days from commencement of the Semester), to the Dean (Academics).
- 10.6.5. Every ISE paper setter shall set **one** question paper considering the alignment of Course Outcomes (CO), Program Outcomes (PO)/ Program Specific Outcomes (PSO) and Performance Indicators (PI), as approved by the Module Coordinator and Program Coordinator.



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- 10.6.6. Paper setter shall submit the Question papers (Student Copy as well as Office Copy) along with the model answer and marking scheme, to the examination coordinator well in advance before the commencement of the examination.
- 10.6.7. Assessment of the ISE shall be completed within next Six days after the conduction of the ISE.
- 10.6.8. Display of assessment results and Open House for showing the answer books shall be scheduled as mentioned in the academic calendar.
- 10.6.9. The details of the student grievance handling procedure and guidelines are mentioned in this document in other Section.
- 10.6.10. For theory course, having the ISE Examinations i.e. ISE-I and/or ISE-II, for more/less marks other than 15 marks. Their syllabus, question paper format along with their duration shall be as finalized by program coordinator.

**Table 11: ISE Question paper pattern and syllabus (Suggestive)**

Name of Examination	Syllabus	Question Paper Format	Duration
ISE-I	Unit I and II or initial 1/3 <sup>rd</sup> Syllabus of the Course	<ul style="list-style-type: none"><li>Q.1 Objective or Subjective (4 Marks).</li><li>Q.2 Subjective (Any 1 out of 2) (5 Marks).</li><li>Q.3 Subjective (Any 1 out of 2) (6 Marks).</li></ul>	60 min.
ISE-II	Unit III and IV or Next 1/3 <sup>rd</sup> Syllabus of the Course after ISE-I		

- 10.6.11. Performance in ISE-I and ISE-II, as well as CO attainment shall be maintained in the prescribed proforma and marks shall be entered in examination module of Examination cell by course coordinator in consultation with Examination Coordinator of the department.
- 10.6.12. In case of the Open –Elective course, Multidisciplinary Minor, Specialization Minor Course or the other course, where the offering department is different than the department from which students are enrolled for the courses and

  
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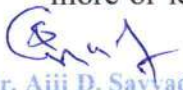
examinations, it is the responsibility of HOD of offering department to enter the marks in examination module. Also, answer sheets, attendance records, mark lists (Duplicate copy) along with the CO attainment based on the ISE shall be handover to the concerned department Head/HOD.

10.6.13. Rescheduling of the ISE is permitted in the following cases only after recommendations of the program coordinator submitted to the approval of the Director:


- a) **Death of Immediate Family Members** like biological, adoptive, or step-parents, Siblings, Children, legal guardian, Spouse on submission of the death certificate.
- b) **Unforeseen Disruptions** and situations like floods, earthquakes, or storms that disrupt academic activities.
- c) **Technical Issues:** Online test platforms failing or widespread technological issues like internet outages.
- d) **Public Disturbances:** Strikes, protests, or curfews that hinder students or faculty from reaching the Institute.

## 10.7 Internal Assessment/Continuous Assessment (CIE/TA) of Theory Courses:

- 10.7.1. The course teacher shall assess the student's performance based on the understanding the principles, skills to be developed, punctuality, regular submission and learning/Course Outcomes.
- 10.7.2. Assessment Tools (AT) shall be selected as per the recommendations of Module coordinator of the offering department. mentioned in **Annexure-III**.
- 10.7.3. In general for theory course, Teacher's Assessment (TA) is for 10 marks, which should be assessed through (minimum) 2 Assessments Tools (AT), each for 5 marks. The appropriate AT should be selected.
- 10.7.4. In general for theory course, Continuous Internal Evaluation (CIE) is for 10 marks, which should be assessed through (minimum) 2 Assessments Tools (AT), each for 5 marks. The appropriate AT should be selected.
- 10.7.5. Theory courses where the Marks are varying for TA/CIE, the appropriate more or less Assessment Tools can be selected as per the recommendations

  
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of Module coordinator of the offering department.


- 10.7.6. Every Course Coordinator has to prepare the mapping of the Internal Assessment tools with the Course Outcomes and get approved by the Module Coordinator and Program Coordinator.
- 10.7.7. Every Course teacher has the flexibility to assess the TA/CIE out of 5 Marks each based on the nature of the tools selected and the parameters like level of participation, knowledge demonstrated, communication skills, critical thinking, and value proposition. Rubrics should be prepared on the scale of three groups (5-4, 3-2, and 1-0).
- 10.7.8. The Assessment marks should be displayed on common platform or communicated to the individual student, as per the decision of the program coordinator, within one week of conduct of that assessment.
- 10.7.9. Performance shall be regularly monitored and record of assessment shall be maintained in the prescribed proforma and marks shall be entered in examination module of Examination cell by course coordinator.

### **10.8 Internal Assessment/Continuous Assessment (CIE/TA) of Laboratory/ Practical Courses:**


- 10.8.1 In general, for Laboratory courses, the Teacher's Assessment (TA) is for 25 marks, which should be assessed using (minimum) 3 Assessments Tools (AT). The appropriate AT should be selected as per the recommendations of Module coordinator of the offering department. Assessment methodology can be as per the **Table 12**, and shall be as per the following:

**Table 12: Teacher's Assessment in Laboratory Course**

Teacher's Assessment (25 Marks)	Marks
Continuous Performance Evaluation	15
Journal Submission	05
Viva-Voce at the time of submission	05
Total	25

  
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- Continuous Performance Evaluation for 15 marks based on the learning assessments in Cognitive, Affective and Psychometric (C-A-P) domains while doing the experimentation, activities and observations.
  - Assessment for 05 marks can be based on the understanding the principles, skills to be developed, punctuality, regular submission and neatness of the journal for each practical / experiment carried out.
  - The viva-voce can be conducted at the time of final submission as an additional tool for assessment for 05 marks.
- 10.8.2 Performance shall be regularly monitored and record of assessment shall be maintained in the prescribed proforma and marks shall be entered in examination module of Examination cell by course coordinator. The rubric of distribution of marks shall be developed at Department.
- 10.8.3 Laboratory courses where the Marks are varying for TA/CIE, the appropriate more or less Assessment Tools can be selected as per the as per the recommendations of Module coordinator of the offering department.
- 10.8.4 Every Course Coordinator has to prepare the mapping of the Internal Assessment tools with the Course Outcomes and get approved by the Module Coordinator and Program Coordinator.
- 10.8.5 A student who skips teacher's assessment or a part thereof shall be awarded zero marks under the respective head.
- 10.8.6 For specific group activity, the schedule should be declared for the assessment which will happen during particular date or slot. On the genuine grounds, as per the course teacher's decision, the CIE/TA can be rescheduled for the entire class/group/individual within next one week as mentioned in the Rule 10.6.13.

  
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## 10.9 Internal Assessment / Continuous Assessment (CIE/TA) of Project /Seminar/ EBL/ CEP/Field Project Courses:

- 10.9.1 In general, for Project/Seminar, etc., courses, the Teacher's Assessment (TA) is for 50/25 marks, which should be assessed through minimum three Assessments Tools (AT). The appropriate AT should be selected as per the recommendations of Module coordinator of the offering department.
- 10.9.2 For Project/Seminar Course there shall be continuous evaluation during the semester as per the curriculum scheme. The continuous evaluation shall be on the basis of regular assessment by the project/Seminar guide/supervisor and two review seminars conducted by the Project/Seminar Review Committee (P/SRC).
- 10.9.3 The P/SRC shall consist of Head of the Department, Project Coordinator and one domain specialized Senior Faculty member of the department.
- 10.9.4 Assessment methodology can be as per the **Table 13**, and shall be as per the following:


**Table 13: Teacher's Assessment in Project/Seminar and similar Course**

Teacher's Assessment (50/25 Marks)	For 50 Marks	For 25 Marks
Evaluation through review	30	15
Final report Submission	10	05
Regular Assessment/ Viva-Voce	10	05
<b>Total</b>	<b>50</b>	<b>25</b>

- Minimum 2 reviews during the semester spanned at 1 month period from the commencement of semester. Each Review shall be evaluated through the presentation and the review report.
- The quality of report preparation, technical contents and originality in the final report submission shall be assessed.
- The regular assessment based on meetings, skills developed, presentation, viva-voce, etc. can be done at a time of final submission.
- In case, the rubrics are mentioned in the curriculum, the same shall be

  
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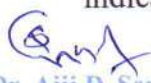
applied for assessment. Otherwise, the rubric of distribution of marks shall be developed for each type of assessment at Department.

- 10.9.5 Performance shall be regularly monitored and record of assessment shall be maintained in the prescribed proforma and marks shall be entered in examination module of Examination cell by project/seminar coordinator.
- 10.9.6 A student who skips teacher's assessment or a part thereof shall be awarded zero marks under the respective head.
- 10.9.7 Courses where the Marks are varying for TA/CIE, the appropriate more or less Assessment Tools can be selected as per the as per the recommendations of Module coordinator of the offering department.
- 10.9.8 Every project/seminar has to prepare the mapping of the Internal Assessment tools with the Course Outcomes and get approved by the Module Coordinator and Program Coordinator.
- 10.9.9 For specific group activity, the schedule should be declared for the assessment which will happen during particular date or slot. On the genuine grounds, as per the course teacher's decision, the CIE/TA can be rescheduled for the entire class/group/individual within next one week as mentioned in the Rule 10.6.13.


## 10.10 Internal Assessment / ESE of Mandatory Non-Credit (Audit) Courses:

10.10.1 For Mandatory Non-Credit (Audit) Course, there shall be an internal evaluation for 60 marks and End Semester Examination (ESE) for 40 marks. A candidate has to secure a minimum of 40% of marks to be declared successful. The course coordinator shall decide and declare the mode of evaluation choosing the for the audit courses within the date prescribed by the Dean (Academics). **Table 14** is a suggestive assessment methodology.

10.10.2 For such course 'PP' grade for Pass or "NP' grade for Fail shall be indicated on Grade Card and it will not be counted for the computation of

  
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- 10.10.3 In case, the rubrics are mentioned in the curriculum, the same shall be applied for assessment. Otherwise, the rubrics and distribution of marks shall be developed for each type of assessment at Department.

**Table 14: Suggestive Internal Assessment /ESE in MNCC (Audit) Course**

Internal Assessment (60 Marks) at department level	For 60 Marks	For 40 Marks, End Semester Examination -
In-semester Examination (ISE)	20	It shall be conducted as per the schedule declared by the Examination Cell. It shall be subjective type assessments for 40 Marks. Each question shall be asked for 8 Marks. Internal options in the questions shall be given as per the decision of HOD, of offering department.
Assessment (TA/CIE) through Minimum 4 Assessment tools as per the Table 10.	40	
<b>Total</b>	<b>60</b>	

### 10.11 Internal Assessment of Internship /In-Plant Training/Study-Project/OJT Course:

- 10.11.1 For Internship /In-Plant Training/OJT /Study-Project Course there shall be continuous evaluation during the semester as per the curriculum scheme. The continuous evaluation shall be on the basis of regular assessment by the concerned guide/ supervisor.
- 10.11.2 Minimum one review shall be conducted for 50 Marks Assessment in On-line/Physical mode as per the recommendations of Dean (Training and Placement). Department shall conduct review by formation of the Departmental Review Committee (DRC).
- 10.11.3 The DPC shall consist of Head of the Department, Departmental Coordinator and two domain specialized Senior Faculty member of the department.
- 10.11.4 Assessment methodology can be as per the **Table 15**, and shall be as per the following:



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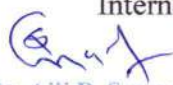
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- Reviews during the semester spanned at regular intervals from the commencement of semester. Each Review shall be evaluated through the presentation and the review report.
- The quality of report preparation, technical contents and originality in the final report submission shall be assessed.
- The regular assessment based on the meetings, skills developed, etc., presentation and/or viva-voce can be conducted at the time of final submission.
- In case, the rubrics are mentioned in the curriculum, the same shall be applied for assessment. Otherwise, the rubric of distribution of marks shall be developed for each type of assessment at Department.

**Table 15: Internal Assessment /ESE in Internship /In-Plant Training / Study-Project /OJT Course**

<b>Teacher's Assessment/ Continuous Assessment</b>	<b>For 100 Marks</b>
Evaluation through Review (Minimum 2)	50
Final report Submission	20
Feedback from the Internship Provider	10
Regular Assessment	20
<b>Total</b>	<b>100</b>

- 10.11.5 Performance shall be regularly monitored and record of assessment shall be maintained in the prescribed proforma and marks shall be entered in examination module of Examination cell by project/seminar coordinator.
- 10.11.6 Courses where the Marks are varying for TA/CIE, the appropriate more or less Assessment Tools can be selected as per the as per the recommendations of Module coordinator of the offering department.
- 10.11.7 Every departmental coordinator has to prepare the mapping of the Internal Assessment tools with the Course Outcomes and get approved



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by the Module Coordinator and Program Coordinator.

- 10.11.8 A student who skips teacher's assessment or a part thereof shall be awarded zero marks under the respective head.
- 10.11.9 For specific group activity, the schedule should be declared for the assessment which will happen during particular date or slot. On the genuine grounds, as per the course teacher's decision, the CIE/TA can be rescheduled for the entire class/group/individual within next one week as mentioned in the Rule 10.6.13.

### 10.12 Internal Assessment of Liberal Learning Courses in First Year Curriculum:

- 10.12.1 For Liberal Learning Courses/ Indian Knowledge System/ Ability Enhancement Course there shall be continuous evaluation during the semester as per the curriculum scheme. The continuous evaluation shall be on the basis of regular assessment by the concerned course Coordinator.
- 10.12.2 HoD of the offering department shall be responsible for the overall monitoring and resource management, continuous Internal Assessment, and rubrics for evaluation and selection of the Assessment tools for these courses, as per guidelines from Dean (Students Affair and Alumni).

### 10.13 Make up Examination for Theory/Practical Courses:

- 10.13.1 There shall be makeup examination for main end semester examination of that academic semester only, the attempts pattern for makeup examination is as given in the following **Table 16**.
- 10.13.2 Makeup examination shall be conducted as per the schedule dates mentioned in the academic calendar. Make up examination is not applicable for CIE, ISE and TA/TW.
- 10.13.3 Makeup examination shall not be conducted for the students who is absent in the regular/main conducted ESE as per the schedule.



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**Table 16: Make-up examination attempt matrix in Regular ESE**

Semester	Winter ESE	Make-up	Summer ESE	Make-up
I	Yes	Yes	Yes	Yes
II	Yes	-	Yes	Yes
III	Yes	-	Yes	Yes
IV	Yes	-	Yes	Yes
V	Yes	-	Yes	Yes
VI	Yes	-	Yes	Yes
VII	Yes	-	Yes	Yes
VIII	Yes	-	Yes	Yes

- 10.13.4 The students with 'F' grade in an odd semester and/or even semester in theory credit course in an academic year shall be allowed to appear for a makeup examination necessary in the same academic year. A student failed in a mandatory (Audit) course shall have to re-appear for the examination in the self-study mode.
- 10.13.5 Students intending to avail this facility shall have to register for the courses by paying the prescribed fees within the stipulated time as notified in the academic calendar.
- 10.13.6 The students, who have been detained for any reason in the courses(s), shall not be allowed to take the Make-up examination of the respective course(s).
- 10.13.7 If the student fails to clear the course, even in make-up examination, he/she shall have to re-appear for the course in subsequent ESE examination. In such cases, only the CIE, ISE-I, II and TA, etc., marks obtained of the said course during regular semester shall be carried forward.
- 10.13.8 The makeup examination shall be conducted only for 50 marks equivalent to ESE marking scheme given in the curriculum and shall be based on all units in the syllabus with appropriate weightage to each unit.
- 10.13.9 For any even semester of the first year B. Tech courses, the Make-up examination of such courses may be synchronized with the ESE of the Summer Term.

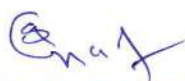
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- 10.13.10 All the students who are registered for the Make-up examination/s shall have to attend the make-up classes as per the schedule communicated by the respective head of Department. To appear for the Make-up examination/s 75% attendance is mandatory.
- 10.13.11 For any Integrated Course (where theory and laboratory are combined into a single course), Make-up Examination shall be conducted only for the ESE component of the theory in the respective semester. Existing CIE components of the Examination scheme of theory and all the components of Laboratory shall be used for final grading.
- 10.13.12 In the case of a failed MOOC course, where the examination is taken by the MOOC platform, the Make-up examination shall be conducted at the Institute. However, the similar grading scheme of course originally conducted in MOOC platform shall be considered for the grade award.
- 10.13.13 The standard of conducting the Make-up examination shall be the same as the normal ESE of the main semester.
- 10.13.14 A student passing a course in Makeup examination shall be treated as having cleared the course in First Attempt.
- 10.13.15 Make-up Examination facility ensures that the students have one more opportunity to clear a course in the same semester. But, the grading in Make-up examination shall be one grade less compared to what the student would have obtained based on main ESE relative/absolute grading pattern, subject to a minimum grade of P. For example, if a student secures O grade in make-up examination of a particular course, the students' final result after make-up examination will be declared in A+ grade in that course. However, if a student secures P grade in make-up examination of a particular course, the students' final result after make-up examination will be declared and retained in P grade in that course and not downgraded to F.



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10.13.16 Thereafter, a student shall have to re-register for all the failed courses at any further semester when they are offered again. Whenever the structure of the curriculum changes and in case of non-availability of the failed course(s) for re-registration, the equivalent course(s) in the new structure shall be decided by the respective BoS.

**10.14 End Semester Examination Result:**


Results will be declared within 15 days from the date of the last examination. The final results will be declared, after all the grievances are addressed.

**10.15 Open House (Paper Showing) and Grievance Handling:**

10.15.1 After ISE-I/ISE-II and marks entry in the prescribed format, the Course Teacher shall prepare the two copies of the mark list duly signed by him/her and respective HoD. One Copy of the mark list shall be submitted to the department and one copy of mark list shall be displayed. HoD shall submit the mark list submitted by every course teacher to the examination cell as per the prescribed schedule. Every course teacher shall show the answer sheets to the students on the scheduled date of Open House, as per academic calendar.

10.15.2 After the declaration of results of end semester examination, examination cell shall handover the answer sheets to the departments. HoDs shall distribute the answer sheets to the concerned course teacher. Every course teacher shall show the answer sheets to the students on the scheduled date of Open House, as per academic calendar or dates received from Examination Cell.

10.15.3 For ISE and ESE, after the evaluation of answer sheets the students are shown the marks. Students can fill up the verification forms if they have any queries or grievances regarding the evaluation of their answer sheets. A Grievances Redressal Committee will address the queries/grievances.

  
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The result of the verification will be intimated to the concerned students and faculty member on the same day of Open House. Grievances Committee Report signed by BoS Chairperson and Dean (Academics) with the changes made shall be submitted to examination cell. All the answers sheets of ISEs shall be maintained with the department and all the ESE answer sheets shall be submitted to the examination cell on the same day by the concerned BoS Chairperson/Examination Coordinator.

- 10.15.4 If student remains absent for the declared date for paper showing he/she is not entitled to file grievance after the date.
- 10.15.5 The verified/ modified marks of ISE and ESE shall be used in the grading process.

**10.16 Scrutiny of Grades:**

- 10.16.1. A student may apply for scrutiny of grades to the Dean (Examinations and Evaluation), by paying the specified fees, within seven days from the date of scheduled display of grades. The Faculty Coordinator / Dean (Academics) will communicate the panel of experts to the Dean (Examinations and Evaluations) for checking the entry of the weightage from different components of evaluation and their addition, the addition of marks in the final answer scripts and unchecked questions, etc., if any. Based on recommendations by panel, the Director of evaluation will take appropriate steps for further evaluation of grades/marks. The results of scrutiny may lead to either a change in grade due to error(s) in any of the aspects scrutinized by the committee or the grade may remain unchanged, Dean (Examinations and Evaluations) will display the results. In the event of no change in the grade after revaluation, it shall be declared as “No Change”.
- 10.16.2. A new valuer, other than the first valuer, shall re- evaluate the answer sheets, if needed.



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**10.17 Unfair Means Inquiry Committee (UMIC):**

- 10.17.1. Unfair Means Inquiry Committee will be constituted by the examination committee for two years to deal with the cases of alleged misconduct and use of unfair means by the students and faculty/staff in all the examinations conducted by the Institute. This committee will consist of three members; one out of three members will be the Chairperson of the Committee.
- 10.17.2. On receipt of a report regarding use of unfair means by any student/person at examination, including breach of any rules laid down by Institute authorities for proper conduct of examination, the unfair means inquiry committee constituted by examination committee shall be the competent authority. This committee shall be the competent authority to investigate and recommend appropriate disciplinary action against the student/person/s using, attempting to use, aiding, abating, instigating or allowing unfair means at examinations.
- 10.17.3. Examination cell shall prepare the guidelines, procedure to handle the cases and action to be taken in the various categories of negligence/unfair means by the students and faculty/staff.

**11 [AR-MIT-N-BT-23-11] Grading, Certification, and Degree Award:****11.1 Relative Grading System:**

- 11.1.1. For every course taken by a student he/she shall be assigned a grade based on his/her combined performance in all components of evaluation scheme of that particular course/practical. The grade indicates a qualitative assessment of the student's performance and is associated with equivalent number called a grade point.
- 11.1.2. The academic performance shall be graded on a ten-point scale following guidelines given in **Table 17**. The letter grades and their equivalent grade points are listed in the **Table 17**.

  
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**Table 17: Grading System**

Relative Range of Marks	Grade	Grade Point	Grade Description
<b>Credit Course Grading</b>			
$M > k_1$	O	10.0	Outstanding
$k_1 \geq M \geq k_2$	A+	9.0	Excellent
$k_2 > M \geq k_3$	A	8.0	Very Good
$k_3 > M \geq k_4$	B+	7.0	Good
$k_4 > M \geq k_5$	B	6.0	Above Average
$k_5 > M \geq k_6$	C+	5.0	Average
$k_6 > M \geq k_7$	P	4.0	Pass
$M < k_7$	F	0	Fail
	Ab		Absent
	Ex		Extension
<b>Audit Course Grading</b>			
40-100	PP	--	Audit Pass
Below 40	NP	--	Audit Fail

Where,


M- Marks obtained out of 100,

$k_1$  = Minimum marks of (O-1) or maximum marks secured, if no student is awarded 'O' Grade.

$k_7=40$ ;  $C = \text{abs} (k_1-k_7)/6$ ;  $k_2 = (k_1-C)$ ;  $k_3 = k_2-C$ ;  $k_4 = k_3-C$ ;  $k_5 = k_4-C$ ;  $k_6 = k_5-C$ .

11.1.3. The letter Grades (up to F only) awarded to a student in all the courses shall be converted into a semester and cumulative performance index called the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA), to be calculated by rules 11.3 and 11.4.

11.1.4. A student passing a course in Make-up examination shall be treated as having cleared the course in First Attempt.



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## 11.2 Guidelines for Award of Grades:

Following are the general guidelines for the award of grades:

- 11.2.1. In general, relative grading system will be followed.
- 11.2.2. Grade O absolute grade shall be awarded to 10% or less number of students securing more than 80% marks.
- 11.2.3. In case of the students appearing for the Make-up examination, the grade shall not be higher than A+ in that particular course.
- 11.2.4. Grade F to be awarded to student who fail to pass the course securing less than 40% marks or student remaining **ABSENT** in a course of End-Semester Examination/Re-examination.
- 11.2.5. The intermediate grade shall be divided on equal scale between student securing O and P grade.
- 11.2.6. There shall be letter grades with associated grade points as given in **Table 17**.
- 11.2.7. The provisional grades shall be awarded by the Examination Committee. The grade' shall be finalized within thirty working days after the End Semester Examination including moderation by Grade moderation committee of respective BOS.
- 11.2.8. In case of audit courses, the students would be awarded grades as follows:
  - 'PP' for Pass
  - 'NP' for Fail.
- 11.2.9. In case of audit courses, the grades shall be awarded by the course coordinators and communicated to the Dean (Examinations & Evaluation). The course coordinator shall decide and declare the mode of evaluation for the audit courses within the date prescribed by the Dean (Academics).



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### 11.3 Calculation of SGPA

#### Calculation of Semester Grade Point Average (SGPA):

The performance of a student in a semester is indicated by a number called SGPA. The SGPA is the weighted average of the grade points obtained in all the courses registered by the student during the semester.

$$SGPA = \frac{\sum_{i=1}^n C_i P_i}{\sum_{i=1}^n C_i}$$

Where,

- $C_i$  = the number of credits for the  $i^{\text{th}}$  course of a semester for which SGPA is to be calculated.
- $P_i$  = Grade points earned in the  $i^{\text{th}}$  course.
- $i = 1, 2, \dots, n$  represent the number of courses in which a student is registered in the concerned semester.

SGPA is rounded up to two decimal places only and SGPA shall not exceed 10.

### 11.4 Calculation of CGPA:

#### Calculation of Cumulative Grade Point Average (CGPA)

An up to date assessment of the overall performance of a student from the time of his first registration is obtained by calculating a number called CGPA, which is weighted average of the grade points obtained in all the courses registered by the student since he/she entered the Institution.

$$CGPA = \frac{\sum_{j=1}^m C_j P_j}{\sum_{j=1}^m C_j}$$


Where,

- $C_j$  = the number of credits for the  $j^{\text{th}}$  course up to the semester for which CGPA is to be calculated.
- $P_j$  = Grade points earned in the  $j^{\text{th}}$  course.
- $j = 1, 2, \dots, m$  represent the number of courses in which a student is registered up to the semester for which the CGPA is to be calculated.

CGPA is rounded up to two decimal places only and shall not exceed 10.

**Note:** As seen from above formula CGPA is not average of SGPA.

  
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**11.5 CGPA for Direct Second Year Admitted Student:**

In case of the students directly admitted to second year through direct second admission process, the CGPA shall be calculated on basis of his/her performance in three years (Six Semesters) i.e. Second year, third year and final year.

**11.6 Equivalence of CGPA and Class:**

The percentage equivalence of grade points for the ten points scale will be as below.

Class	Range
First Division with Distinction	$CGPA \geq 7.75$
First Division	$7.75 > CGPA \geq 6.75$
Second Division	$6.75 > CGPA \geq 5.75$
Pass Class	$5.75 > CGPA \geq 5.00$

**11.7 Percentage Equivalence of CGPA:**

Wherever necessary the Grade Point Average can be converted to percentage of marks.

$$\text{Percentage of Marks} = (CGPA - 0.75) \times 10.$$


**11.8 Minimum requirements for the Award of the Degree:**

Following are the rules for the minimum requirements for the award of the Degree:

- 11.8.1 A student will be awarded the Bachelor degree if he/she earns 168 credits, clears all the mandatory, elective and audit courses specified in the syllabus along with all other requirements (Mandatory Scheme certifications) specified and approved by the Academic Council.
- 11.8.2 For direct second year admitted students for full time courses total number of credits will be 126, clears all the mandatory, elective and audit courses specified in the syllabus along with all other requirements (Mandatory Scheme certifications) specified and approved by the Academic Council.
- 11.8.3 The student should have satisfactorily fulfilled other academic requirements like visits, seminar and the project. He should have also successfully

  
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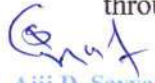
- completed all the components prescribed in the program of study to which he / she is admitted.
- 11.8.4 The student should have no case of indiscipline pending against him/her.
- 11.8.5 The credits for the courses in which a student has obtained “P” (minimum passing grade for a course) grade or higher shall be counted as credits earned by him/her.
- 11.8.6 A student has obtained CGPA  $\geq 5$ .
- 11.8.7 A student has paid all the Institute dues and satisfied all the requirements prescribed.
- 11.8.8 A student should have obtained the eligibility certificate in the first year from the Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar.

## 11.9 Award of the Degree:

The degree shall be awarded by the Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar, on recommendations of the Academic Council.

## 11.10 Grade /CGPA improvement Policy:

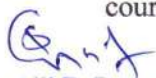
- 11.10.1 Students who secure CGPA less than 6.75 after completing the pre-requisite credits for the award of the degree and wish to improve their CGPA shall be permitted for CGPA improvement. Such students shall be permitted to withdraw their grade in a given course with poor grade and permitted to reappear for the examinations for improving the grade and in turn CGPA.
- 11.10.2 A student shall appear for grade improvement examination within one year from the date of passing the UG program with the conditions that the student has not taken i) Leaving Certificate from the Institute and ii) Degree from the Dr. Babasaheb Ambedkar Marathwada University through convocation.

  
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- 11.10.3 A student seeking permission to register for CGPA improvement shall submit a written application within the stipulated time to the Registrar office through the Head of the Department from where the student has graduated. No student shall be admitted once the semester credit registration process of that semester ends.
- 11.10.4 Additional examination fees will be paid by the student for appearing in the examination for improvement in the grade. The fee payable shall be as prescribed by the Institute.
- 11.10.5 A student shall choose a maximum two/three theory courses from a particular semester (either odd or even) offered for the third year or the final. The student shall be required to register for these courses in a particular semester in which those courses are offered by paying the appropriate fees as laid down by the Institute from time to time.
- 11.10.6 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 100 Rs. judicial stamp course 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.
- 11.10.7 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 all the evaluation tests/ESE conducted for the registered courses. In the case the student misses any of the tests or examinations, no Re-examination or Summer Term shall be permitted. Absentee for End-semester examination shall automatically lead to the award of grade F in that course.
- 11.10.8 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



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on account of absentee for any of the examinations.

- 11.10.9 A student wishing to use the facility of grade improvement shall be required to pass in all the three courses in a single attempt. He/she shall not be entitled to the Re-examination or Summer Term in such cases.
- 11.10.10 For calculation of standard relative grade for evaluation of the academic performance of an examinee in a course in improvement examination, the mean, standard deviation and cutoff of grades of that course in the regular examination shall be applicable.
- 11.10.11 If the student 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.
- 11.10.12 A student who succeeds in improving CGPA shall be issued a fresh Semester Grade Report by the Institute. These Semester Grade Reports shall have star 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 University and the student shall be required to apply for a degree certificate from the University thereafter.
- 11.10.13 Student having undertaken Improvement Examination will not be eligible for the award of any medal/merit position.
- 11.10.14 The improvement is possible only in theory papers. No improvement is permissible in ISE/CIE/TA of theory courses as well as all components of evaluation of practicals /lab courses, projects, workshops and assignments.
- 11.10.15 The improvement examination shall be conducted along with the Supplementary Examination or the schedule prepared by the Institute.

  
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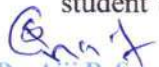
## 11.11 Grade Card:

- 11.11.1 The grade card shall be issued at the end of the semester to each student and will contain the following:
- ✓ The credits for each course registered for that semester.
  - ✓ The grade points and letter grades obtained in each course.
  - ✓ The total number of credits earned by the student upto the end of that semester in each of the course.
  - ✓ The SGPA and the CGPA.
- 11.11.2 Student shall refer earlier Sections for computation of grades from the marks and conversion to the SGPA & CGPA.
- 11.11.3 Wherever required the conversion of CGPA to percentage of marks prevailing guidelines from the affiliating University and Competent Authority shall be followed.
- 11.11.4 Indication of attempt on Grade Card shall be displayed in the Grade Card.
- 11.11.5 The Grade Cards of successive attempts will be separately provided. 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. The student will have to separately apply to the Dean (Examinations & Evaluation) for the single semester Grade Card with copies of all the intermediate semester Grade Card along with a fees decided by the Institute.


## 12.[AR-MIT-N-BT-23-12] Mandatory Scheme and Incentive Schemes:

### 12.1 Mandatory Activity Event Grade Points Scheme (AEGPS):

- 12.1.1 Every activity in the professional education plays a significant role in the development of students.
- 12.1.2 Co-curricular activities are meant to bring social skills, intellectual skills, moral values, personality progress, and character appeal to students.
- 12.1.3 In order to nurture the life skill qualities (Employability, Easy transition from student to corporate/work life, Professional Growth and Personal well-being)

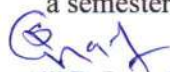
  
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and make student multidimensional successful engineer, the Institute encourages students to take active part in various cultural, sports and technical activities held on/off campus.

- 12.1.4 In order to make most of the students to take part in the Co-Curricular (Group A) and Extracurricular (Group B) activities of interest, the participation of the students shall get evaluated and get its reflection in final Activity Grade Report.
- 12.1.5 All UG students shall choose at least ONE activity/event from the group of Co-curricular and Extra-curricular activities happening on campus or off campus. The student shall take active part in the activity, take part in competitions and earn grade points. Freedom shall be given to the students to take part in more than one activity under the group. The weightages is mentioned in the **Table 18**.
- 12.1.6 Group A: Co-Curricular activities include activities by chapters of professional societies like SAE, ISHRAE, CSI, IEEE, ISTE, IETE, IEI, IIIE, QCFI, etc. Department Associations, Lab Development, Paper Presentation in National/International Conferences, Paper Publication in National/ International Journal, Model Building, Project competition, Entrepreneurship, Patenting, Participation in Technical clubs.
- 12.1.7 Group B: Extra-Curricular Activities include activities such as NSS, Unnat Bharat Abhiyan, Unnat Maharashtra Abhiyan, Cultural Fest, Spots Event, Community Services, Social work, Activities in Alumni Association, Participation in Sports, Various Clubs of Institute, Intra and Inter Collegiate competitions such as Social gathering, technical events, etc.
- 12.1.8 On registering for a particular activity, the performance of a student shall be continuously monitored by the Faculty-in-charge. Participation in competitions, winning prizes, representing Institute on state, national and international level etc shall get weightage as mentioned in the **Table 18**.
- 12.1.9 From 3<sup>rd</sup> to 7<sup>th</sup> Semester, in each semester, a student shall acquire a maximum 50 grade points from each group making it to a maximum of 100 grade points in a semester.



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**Table 18: Activity/Event participation; Grade points allotment**

Activity Head	Sl. No	Activity	Achievement in Levels (*) and Assigned Activity Points					Max. Points	Min. Duration of activity	
			I	II	III	IV	V			
	1	NSS/NCC/Red Cross/Youth Red Cross						50	1 Year	
National Initiatives and Sports and Games Participation	2	Unnat Bharat Abhiyan/ Unnat Maharashtra Abhiyan						50	1 Year	
		Best NSS/NCC Volunteer Awardee (State / National level) / Participation in Republic Day Parade Camp / International Youth Exchange program, supported by certification, additional marks upto 20 can be awarded subjected to maximum limit of 70 points								
	3	Sports	5	10	15	20	25	50	1 Year	
	4	Games	5	10	15	20	25	50	1 Year	
		First Prize	3	5	7	10	15	The maximum limit for activity points is 60. But for winning Level IV and V additional marks upto 20 can be awarded subjected to maximum limit of 70 points		
		Second Prize	2	3	5	7	10			
		Third Prize	1	2	3	4	5			
Extra-Curricular Activities Participation	5	Music	5	10	15	20	25	50	1 Year	
	6	Performing arts	5	10	15	20	25	50	1 Year	
	7	Literary arts	5	10	15	20	25	50	1 Year	
	8	Flagship Events	5	10	15	20	25	50	3 Years	
		First Prize	3					The maximum limit for activity points is 60. But for winning Level IV and V, additional marks upto 20 can be awarded subjected to maximum limit of 70 points		
		Second Prize	2							
		Third Prize	1							
Co-Curricular Activities Participation	9	Tech Fest, Tech Quiz	10	20	30	40	50	100		
	10	Project competitions	10	20	30	40	50	100		
	11	Hackathons	10	20	30	40	50	100		
	12	Competitions conducted by Professional Societies	10	20	30	40	50	100		
		First Prize	20	20	30	40	50			
		Second Prize	10	10	15	20	30			
		Third Prize	5	5	8	10	15			

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Activity Head	Sl. No	Activity	Achievement in Levels (*) and Assigned Activity Points					Max. Points	Min. Duration of activity
			I	II	III	IV	V		
Professional Self Initiative	13	Participation in Conference/Seminars /Exhibitions/Workshop/ STTP conducted by Institute	10		30			30	
	14	Participation in Conference/Seminars /Exhibitions/Workshop/ STTP conducted by IITs/NITS	20		40			40	
	15	Paper Presentation in the reputed National Conference			30			30	
	16	Paper Presentation in the reputed International Conference			50			50	
	17	Poster Presentation in National Conference			20			20	
	18	Poster Presentation in International Conference			30			30	
	19	Paper Publication in Peer Reviewed National Journal			30			30	
	20	Paper Publication in Peer Reviewed International Journal			50			50	
	21	Working on Industry Live Projects (Other than part of academic project)			50			50	
	22	Industrial Training/Internship (at least for 15 Days) Other than Mandatory Internship in curriculum	2 Weeks: 20 marks 3 Weeks: 30 marks 4 Weeks: 50 marks					50	1 Year
	Entrepreneurship and Innovation	23	Prototype developed and tested			30			100
24		Development of Virtual Lab			50				1 Year
25		Awards for Products developed			50				
26		Innovative technologies developed and used by industries/users			70				
27		Received funding from Government/ Industry for innovative ideas/ products.			100				
28		Copyright Approved			20			60	
29		Patent-Filed			20			100	
30		Patent - Published			30			60	
31		Patent- Approved			50			100	
32		Patent- Licensed			100			200	
33		Social innovations			50			50	



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Activity Head	Sl. No	Activity	Achievement in Levels (*) and Assigned Activity Points					Max. Points	Min. Duration of activity
			I	II	III	IV	V		
Leadership & Management of clubs/activities	34	Elected student representatives	Club Secretary: 20 Cultural Secretary: 50 General Secretary: 100					100	1 Year
	35	Festival & Technical Events (College Flagship Events/Gathering)	Technical Secretary/ Secretary					50	1 Year
	36	Office Bearer of Student Professional Societies	Members: 10 Middle Level Management:20 Top Level Management:30					30	1 Year
<b>Level</b> <b>I : (Institute Events)</b> <b>II : (Zonal/University Events)</b> <b>III : (State Events)</b> <b>IV : (National Events)</b> <b>V : (International Events)</b>									

12.1.10 Respective Head of Department shall be responsible for submission of all the proofs of events participated and assessment data/ marks to Examination Cell.

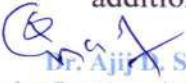
12.1.11 Each semester, a grade will be awarded on absolute grading basis as shown in **Table 19** based on the points earned by a student.

**Table 19: Absolute Grading Scheme**


Grade Range	Grade
91-100	Outstanding
81-90	Excellent
71-80	Very Good
61-70	Good
51-60	Above Average
41-50	Average
40	Pass

Note:

- At the end of the program the Activity Grade sheet, showing all events participated and grades acquired would be issued to the students. This grade sheet will also show the final qualitative grade as mentioned in the **Table 19**.
- An Activity Grade Certificate, showing the final qualitative grades endorsing qualitative participation would be awarded to every graduating student in addition to the Activity Grade Sheet.

  
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**12.2 Mandatory Career Path Grade Points Scheme (CPGPS):**

- 12.2.1. Career path track modules (as given in the following **Table 20**) are mandatory for all the students along with their regular academic studies. Student has to attend all the modules as per the given schedule from Dean (Training and Placement).
- 12.2.2. The nature and the assessment methodology may change as per the need and requirements for the professional development of the student.
- 12.2.3. Attendance requirements for the course is same as given in Section 13.
- 12.2.4. Performance assessment will be evaluated as per the guidelines provided by Training and Placement Cell.
- 12.2.5. Dean (Training and Placement ) shall be responsible for submission of all the assessment data and evaluated marks to Examination Cell. Respective Head of Department shall support for the same.

**Table 20: Career path track modules (CPM)**


<b>CPM-I: Semester V - 24 Hrs (2 Hrs / week)</b>
<ul style="list-style-type: none"><li>• Introduction to Campus Placement Cycle</li><li>• Placement readiness and Career Readiness</li><li>• Aptitude Training-I</li></ul>
<b>CPM-II: Semester VI - 24 Hrs (2 Hrs / week)</b>
<ul style="list-style-type: none"><li>• Career Goal setting</li><li>• Aptitude Training-II</li><li>• Time Management</li><li>• Stress Management</li></ul>
<b>CPM-III: Semester VII - 24 Hrs (2 Hrs / week)</b>
<ul style="list-style-type: none"><li>• Soft Skills Training (Personal Effectiveness, Body Language, Interpersonal Skills)</li><li>• Business Communication – Verbal and Written</li><li>• Interview Techniques</li><li>• Mock Placement Cycle</li></ul>

**12.3 Incentive Scheme for Performance in GATE:**

- 12.3.1. A student at Institute who is pursuing B. Tech. program, and who has GATE score equal to or above the score of qualifying marks as certified by the competent authority, shall be eligible for the award of incentive grade

  
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points after the completion of Final Semester. Student has to submit a written request along-with necessary supporting documents to Director through Dean (Academics) and BoS Chairperson. After approval, it will be forwarded to Dean (Examinations and Evaluation) for further proceeding. This will be effective from academic year 2026-27.

- 12.3.2. The incentive grade points (IPG ) will be decided such that there should be an addition of 0.1 in CGPA with a maximum limit of CGPA equal to 10. The incentive-grade points (IPG) shall be used for the calculation of CGPA of VIII Semester as under, after successful completion of the program in which the student was admitted.

$$CGPA = \frac{\sum_{j=1}^m C_j P_j + IP_G}{\sum_{j=1}^n C_j}$$

Where,

- $C_j$  = the number of credits for the  $j^{\text{th}}$  course up to the semester for which CGPA is to be calculated.
- $P_j$  = Grade points earned in the  $j^{\text{th}}$  course.
- $j = 1, 2, \dots, m$  represent the number of courses in which a student is registered up to the semester for which the CGPA is to be calculated.
- $IP_G$  =GATE incentive grade points.

CGPA is rounded up to two decimal places only and shall not exceed 10.

- 12.3.3. The GATE incentive grade points (IPG ) shall not be considered for the students applying for the Grade /CGPA improvement or those who qualify GATE/Submit the Score Card after declaration of the final semester result.

#### 12.4 Teacher Guardian Scheme:

- 12.4.1. To help the students in planning their courses of study and for general advice on the academic program, the Head of the Department of the students will



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attach a certain number of students to a teacher of the Department who shall function as Teacher Guardian (TG) for those students throughout their period of study in the Institute (one advisor for a group of 20 students, in a class). TG shall advise the students in registering and reappearance of courses, authorize the process, monitor their attendance and progress and counsel them periodically. The TG shall also discuss with or inform the parents about the progress / performance of the students concerned.

12.4.2. It is mandatory for students to attend the regular meeting with TG and provide the oral as well as written information asked from time to time.

12.4.3. The responsibilities for the TG shall be:

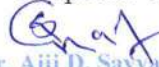
- To inform the students about the various facilities and activities available to enhance the students' curricular and co-curricular activities.
- To guide students on enrollment and registration of the courses.
- To authorize the final registration of the courses at the beginning of each semester.
- To monitor the academic and general performance of the students including attendance and to counsel them accordingly.

### 13. [AR-MIT-N-BT-23-13] Attendance, Absence, Leave Rules and Dismissals:


13.1. All the students are expected to be present in every lecture, tutorial, practical and other allotted hours in the time table. Attendance will be closely monitored during a semester by the concerned department.

13.2. An undergraduate student must have a minimum attendance of 75% of the total number of classes including lectures, tutorials and practical for every course of study, before the corresponding examination i.e. End Semester Examination, in order to be eligible to appear for the respective examination in the course, failing which the student will be detained and needs to get himself/herself re- admitted for semester/year as the case may be.

13.3. In special cases and for sufficient causes shown, the Director of the Institute may,

  
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- on the specific recommendation of the Head of the Department and subsequently Dean (Academics), condone the deficiency in attendance to the extent of 10 % on medical ground subject to submission of medical certificate.
- 13.4. However, in respect of women candidates who seek condonation of attendance due to pregnancy, the Director of the Institute may condone the deficiency in attendance to the extent of 25 % (as against 10 % Condonation for other) on medical grounds subject to submission of medical certificate to this effect. Such condonation shall not be availed twice during the course of study.
- 13.5. Active Participation in N.C.C./N.S.S. Camps or Inter collegiate or Inter University or Inter State or International matches or debates or Educational Excursions or such other Inter University activities as approved by the Director with due recommendation from concerned activity In-charge, HoD and Dean (Academics) involving journeys outside the city in which the Institute is situated will not be counted as absence, his/her attendance in that activity will be considered in counting the total attendance. However, such 'absence shall not exceed (4) weeks per year of the total period of instructions.
- 13.6. Students desirous of continuous leave of absence for less than two weeks during a semester shall apply for it in advance to the Head of the Department providing reasons and supporting documents, if any and get it approved.
- 13.7. Continuous absence due to illness or any other reason for a period less than two weeks in a semester, for which a student could not make a prior application, the absence/leave may be condoned by the Head of the Department after proper verification and appropriate justification by the student.
- 13.8. The Director shall be the authority for sanctioning the leave of students outside clauses 13.6 and 13.7 above, after receiving their applications along with recommendations of the Heads of Departments and Dean (Academics).
- 13.9. The attendance records are to be maintained by the course coordinator and he/she shall show it to students, if and when required.
- 13.10. All the concerned Course coordinators shall submit the attendance records to the

  
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- concerned class coordinator at the end of Month/term as per academic calendar.
- 13.11. The class coordinator shall prepare the consolidated month-wise attendance records and shall publish on departmental notice board, as per the instructions from the HOD.
- 13.12. The class coordinator shall communicate periodically the attendance of the students and shall publish list of provisionally detained students at least one week before the last day of instruction on departmental notice board.
- 13.13. The student has to confirm his/her attendance and detention status at the end of each month and final status before the term end, from his/her class coordinator. Students having any grievance in this aspect shall meet the Class coordinator and the HOD within one week from date of publishing. Otherwise, thereafter no grievances will be considered and the status will be considered as a final.
- 13.14. If a student is continuously absent from the classes for more than four weeks without informing the Class Coordinator, the Coordinator shall immediately bring it to the notice of the Head of the concerned department as the case may be and they in turn will inform the same to the Office of Dean (Academics).
- 13.15. The names of the students who have remained absent, for more than 25% of the actual classes held from the commencement of semester in First Month shall be intimated by the class Coordinator himself/herself on the last teaching day of each month of the respective semester, to the students in the class with written intimation to the HOD, who will arrange to consolidate the list such students for all the courses and display it on the notice board of the department with an intimation to Dean (Academics).
- 13.16. Warning Letters shall be issued to the parents of concerned students by the department and its acknowledgement record shall be well maintained.
- 13.17. In the case of the long absence of a student in a semester with prior approval or otherwise, the Director shall decide whether the student be asked to withdraw from the program for that particular semester.
- 13.18. In case of the candidates who fail to put in the required attendance in a course of

  
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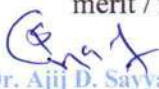
  
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- study, he/she shall be detained in the same class and will not be recommended to appear for the end semester examination.
- 13.19. A candidate detained in semester I should take readmission in next academic year as a regular student and shall have to complete all the theory and practical as a regular student.
- 13.20. In case a candidate is detained in semester II, he/she should take admission to Semester II of next academic year and complete all the theory and practical as a regular student of semester II.
- 13.21. In case of change of syllabus, the candidate even if detained in semester II should take readmission in next academic year for Semester I and II as a regular student and complete all the theory and practical as a regular student.
- 13.22. If student is found guilty of malpractice in examinations, involvement in ragging and overall misconduct during his/her stay in the Institute, he/she will be punished as per the prevailing rules issued from the competent authorities.
- 13.23. The decision in the regards of further condonation on the genuine ground which is not under the control of students will be taken by the Chairperson of the Academic Council and it will be final.

## 14.[AR-MIT-N-BT-23-14] Award of Medals / Scholarships:

### 14.1 Award of Medals, Prizes and Institute level scholarships:

- 14.1.1. All the students those who exhibited excellent performances in Curricular, Co-curricular, sports, cultural, extracurricular, etc., activities shall be awarded medals, prizes and Institute level scholarships as Given in **Table 21 (A-C)**.
- 14.1.2. Students clearing all courses offered in a program in regular examination in first attempt shall be considered for the award of merit / medal as per their order of merit, as mentioned above.
- 14.1.3. In case, a student has cleared any course offered in a program in Make-up or Supplementary examination he / she shall not considered for the award of merit / medal.

  
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**Table 21: Awards of Medals, Prizes and Institute level scholarships**

**(A) Academics Part:**

Sr. No.	Performance level in regular batch/study	Medals /Institute level scholarships to be awarded	Event of Awarding
1.	Securing the Highest CGPA (First 3 students) on completion of study in each program.	Gold Medal Silver Medal Bronze Medal	Annual Convocation
2.	Securing the Highest CGPA (First 3 Girl students) on completion of study among all UG/PG programs.	TARA Medal	Annual Convocation
3.	Securing the Highest CGPA (First 3 Regular students) (Calculated at the end of regular study in each AY) in each program.	Rs. 1500 (1 <sup>st</sup> ) Rs. 1000 (2 <sup>nd</sup> ) Rs. 500 (3 <sup>rd</sup> )	Induction program in next AY

**(B) Co-curricular Part:**

Sr. No.	Performance level in regular batch/study	Institute level scholarships/Prize to be awarded	Event of Awarding
1.	First/ Second/ Third Prize / Winner /Ranker at Inter-National level Paper/ poster/ Project/ Champion/ Hackathon, etc Activities	Rs. 3000 (1 <sup>st</sup> ) Rs. 2000 (2 <sup>nd</sup> ) Rs. 1000 (3 <sup>rd</sup> )	Annual Gathering
2.	First/ Second/ Third Prize / Winner /Ranker at National level Paper/ poster/ Project/ Avishkar/ Hackathon, etc Activities	Rs. 1500 (1 <sup>st</sup> ) Rs. 1000 (2 <sup>nd</sup> ) Rs. 500 (3 <sup>rd</sup> )	Annual Gathering
3.	First/ Second/ Third Prize / Winner /Ranker at State level Quiz/ Placement Test/ Paper/ poster/ Project/ Avishkar/ Hackathon, etc Activities	Rs. 1000 (1 <sup>st</sup> ) Rs. 500 (2 <sup>nd</sup> ) Rs. 250 (3 <sup>rd</sup> )	Annual Gathering

**(C) Extra-curricular Part:**

Sr. No.	Performance level in regular batch/study	Institute level scholarships/Prize to be awarded	Event of Awarding
2.	First/ Second/ Third Prize / Winner /Ranker at Inter-National level Sports/ Cultural/ NSS/ NCC/ and any Social Activities	Rs. 3000 (1 <sup>st</sup> ) Rs. 2000 (2 <sup>nd</sup> ) Rs. 1000 (3 <sup>rd</sup> )	Annual Gathering
3.	First/ Second/ Third Prize / Winner /Ranker at National level Sports/ Cultural/ NSS/ NCC/ and any Social Activities	Rs. 1500 (1 <sup>st</sup> ) Rs. 1000 (2 <sup>nd</sup> ) Rs. 500 (3 <sup>rd</sup> )	Annual Gathering
4.	First/ Second/ Third Prize / Winner /Ranker at State level Sports/ Cultural/ NSS/ NCC/ and any Social Activities	Rs. 1000 (1 <sup>st</sup> ) Rs. 500 (2 <sup>nd</sup> ) Rs. 250 (3 <sup>rd</sup> )	Annual Gathering

  
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- 14.1.4. Concerned Authority like Dean (Academics), Dean (Examinations and Evaluations)/ Dean (Student Affairs and Alumni), Registrar and Head of Department, will submit the records, evidences with recommendations to the Director. The decision of the Director is final in this context.

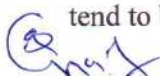
## 14.2 Scholarship/Freeship:

- 14.2.1. The award of scholarships / freeships and other benefits will be in accordance with rules framed by the Government of Maharashtra and Govt. of India.
- 14.2.2. Every students aspiring/beneficiary has to apply individually on the designated portals of Government of Maharashtra and Govt. of India, as applicable from time to time.
- 14.2.3. Notification and necessary support shall be provided by the Registrar office.
- 14.2.4. The tuition-fee or other component of Institute fee covered under such Scholarship/Freeship, if not received by the Institute, student is liable to pay the fees as applicable to the Institute.
- 14.2.5. Institute shall not be responsible for any delay or rejection of such applications, or any other rules and regulations changed from the approving/competent authority.
- 14.2.6. The award of merit scholarships / need base scholarship /medals shall be awarded to the students as per the Institute's policy.


## 15.[AR-MIT-N-BT-23-15] Code of Conduct and Discipline:

### 15.1 Code of Conduct and Discipline:

- 15.1.1. All the students admitted to the Institute for any UG, PG or certificate program has to follow the Code of conduct of the Institute. Students and faculty shall refer the **separate booklet** circulated in this context.
- 15.1.2. Every student is required to observe discipline and decorous behavior both inside and outside the campus and not to indulge in any activity, which will tend to bring down the prestige of the Institute.

  
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15.1.3. The following acts of omission and/ or commission by the students within or outside the college campus shall constitute gross violation of Code of Conduct punishable as indiscipline.

- Lack of courtesy and decorum, as well as indecent behavior;
- Willful damage of property of Institute/Hostel or of fellow students;
- Possession/ Consumption/ Distribution of alcoholic drink and banned drugs;
- Smoking & Chewing of Tobacco and products made from Tobacco.
- Mutilation or unauthorized possession of library materials;
- Noisy and Unseemly behavior disturbing peace in Institute and Hostel;
- Hacking in Computer system, either hardware or software or both;
- Any other act considered by the Institute as a gross indiscipline.

15.1.4. Any act of student's indiscipline will be addressed by Discipline Committee duly constituted and notified by the Director. The Committee will enquire into the charges of indiscipline and recommend appropriate measures/punitive action to the Director. The Discipline committee may inform the recommendations to the students. Decision of the Director would be final.

15.1.5. If the student while studying in the Institute is found indulging in anti-national activities contrary to the provisions of acts and laws enforced by Government he/ she will be liable to be expelled from the Institute without any notice.

15.1.6. If a student is involved in any kind of ragging, the student shall be liable for strict action as per Maharashtra anti-ragging act.


15.1.7. If any statement/ information supplied by the student in connection with his/her admission is found to be false/ incorrect at any time, his/her admission shall be cancelled and he/she shall be expelled from the Institute and fees paid shall be forfeited.

15.1.8. If a student is found guilty of overall misconduct during his/her stay in the Institute, he/she will be punished as per the recommendations of the Principal. The maximum punishment may be expulsion from the Institute.

15.1.9. A student admitted to the Institute shall abide by the "Standing Orders

  
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for Students” issued by the Institute as approved by the Director, from time to time. These standing orders shall deal with the discipline of the students in the Hostels, Departments, and the Institute premises and outside. These orders may also deal with such other matters that are considered necessary for the general conduct of the students, co/extra-curricular activities.

**15.2 Dress Code:**

- 15.2.1. Student once admitted in the Institute has to follow dress code/ Uniform-Dress Code. Student will be required to carry Identity Cards all the time in campus.
- 15.2.2. Uniform is compulsory for all students on all days. No student is allowed in the Class Rooms, Laboratories, Workshop, library etc. without the uniform.
- 15.2.3. The defined dress code is : Sky Blue Shirt, Blue Jean Pants, and Black Shoes,
- 15.2.4. A specified apron (Blue/ White) at workshop/chemistry lab is compulsory for safety.

**15.3 Appeal:**

The student may appeal to the Chairperson, Academic Council whose decision will be final. The Director will report the action taken at the next Academic Council meeting.

**16. [AR-MIT-N-BT-23-16] Emergent Cases:**

Notwithstanding anything contained in the above regulations, the Chairperson of the Academic Council may, in emergent situations, take action on behalf of the Academic Council as he/she thinks necessary and shall at the earliest opportunity; report it in the next meeting of the Academic Council.

**17. [AR-MIT-N-BT-23-17] Interpretation of Regulations:**

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



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**18. [AR-MIT-N-BT-23-18] Discretionary Powers:**

Notwithstanding anything contained in the above regulations or in any extraordinary situations as the program Head and/or Dean (Academics) think necessary, Director of the Institute may take action on behalf of the University as he/she feels appropriate and report it to the Vice-Chancellor of the University.

**19. [AR-MIT-N-BT-23-19] Power to Modify:**

Notwithstanding all that has been stated in the above regulations, Governing Body has the right to modify any of the above regulations.



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## ANNEXTURE-I

### Sample Curriculum Structure and Credit Framework for Honour Degree Program

UG Honours Degree Program in B. Tech (Agricultural Engineering) Syllabus Structure  
Specialization: **Smart Agritech**  
WEF 2024-25 (NEP 2020 Based Curriculum)

Se- mes- ter	Course Cate- gory	Course Code	Course Title	L	T	P	Contact Hrs./Wk	Credits	ISE -I	ISE -II	CIE	TA	ESE	Total
III	Honour	AED801	Good Agriculture Practices	3	-	-	3	3	15	15	10	10	50	100
IV	Honour	AED802	Advanced Agricultural Machinery	3	-	-	3	3	15	15	10	10	50	100
V	Honour	AED803	Online Course specific to Program of Study #	\$	-	-	1	3	15	15	10	10	50	100*
VI	Honour	AED804	Online Course specific to Program of Study #	\$	-	-	1	3	15	15	10	10	50	100*
VII	Honour	AED805	Online Course specific to Program of Study #	\$	-	-	1	3	15	15	10	10	50	100*
VIII	Honour	AED806	Online Course specific to Program of Study #	\$	-	-	1	3	15	15	10	10	50	100*
					-	-	10	18	90	90	60	60	300	600

Abbreviations: L: Lecture, T: Tutorial, P: Practical, ISE: In-Semester Examination, CIE: Continuous Internal Evaluation, TA: Teacher's Assessment, ESE: End-Semester Examination

\$ - Lecture hours are not mentioned as the course offered is either in the online or self-paced study mode. The contact hours per week is mentioned for actual contact with the Mentor.

#### Online Course specific to Honours Degree Program of Study:

Course Code	Guidelines/Instructions:
AED803	# It could be of following two online mode courses: <b>Online Mode A:</b> MOOC courses will be as per the approved basket of Courses from Board of Studies (Program offering) and subsequently approved by the Academic Council. These courses can be opted through platforms like SWAYAM, NPTEL, etc. The course selected must be of minimum 3 Credits nature and mentioned for credit transfer by the MOOC platform. * In this case Continuous Assessment and proctored exam will be conducted by the MOOC Portal. As per the guidelines mentioned on the SWAYAM, NPTEL platform, Institute level examination may be conducted in accordance with the prescribed rules and regulations for credit transfer and eligibility. <b>Online Mode B:</b> Department may offer courses to be completed in Online mode (self-paced study mode). The course e-content is either prepared by the department or available on University/National body recognized portal. A course selected must be of minimum 3 Credits nature. * In this Online Mode B offered courses, department will conduct the Internal Assessment (ISE, TA, CIE). End Semester Examination will be conducted as per Institute norms (only Regular Examination).
AED804	
AED805	
AED806	

  
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## ANNEXTURE-II

### Sample Curriculum Structure and Credit Framework for Minor Degree Program

UG Double Minor Degree Program in B. Tech (Computer Science and Engineering)  
Syllabus Structure - Specialization: **Cyber Security**  
WEF 2024-25 (NEP 2020 Based Curriculum)

Semester	Course Category	Course Code	Course Title	L	T	P	Contact Hrs/Wk	Credits	ISE -I	ISE -II	CIE	TA	ESE	Total
III	Double Minor	CSE901	Cyber Related Laws	3	-	-	3	3	15	15	10	10	50	100
IV	Double Minor	CSE902	Ethical Hacking	3	-	-	3	3	15	15	10	10	50	100
V	Double Minor	CSE903	Online Course specific to Program of Study #	\$	-	-	1	3	15	15	10	10	50	100*
VI	Double Minor	CSE904	Online Course specific to Program of Study #	\$	-	-	1	3	15	15	10	10	50	100*
VII	Double Minor	CSE905	Online Course specific to Program of Study #	\$	-	-	1	3	15	15	10	10	50	100*
VIII	Double Minor	CSE906	Online Course specific to Program of Study #	\$	-	-	1	3	15	15	10	10	50	100*
					-	-	10	18	90	90	60	60	300	600

Abbreviations: L: Lecture, T: Tutorial, P: Practical, ISE: In-Semester Examination, CIE: Continuous Internal Evaluation, TA: Teacher's Assessment, ESE: End-Semester Examination

\$ - Lecture hours are not mentioned as the course offered is either in the online or self-paced study mode. The contact hours per week is mentioned for actual contact with the Mentor.

#### Online Course specific to Minor Degree Program of Study:

Course Code	Guidelines/Instructions:
CSE903	# It could be of following two online mode courses: <b>Online Mode A-</b> MOOC courses will be as per the approved basket of Courses from Board of Studies (Program offering) and subsequently approved by the Academic Council. These courses can be opted through platforms like SWAYAM, NPTEL, etc. The course selected must be of minimum 3 Credits nature and mentioned for credit transfer by the MOOC platform. * In this case Continuous Assessment and proctored exam will be conducted by the MOOC Portal. As per the guidelines mentioned on the SWAYAM, NPTEL platform, Institute level examination may be conducted in accordance with the prescribed rules and regulations for credit transfer and eligibility. <b>Online Mode B:</b> Department may offer courses to be completed in Online mode (self-paced study mode). The course e-content is either prepared by the department or available on University/ National body recognized portal. A course selected must be of minimum 3 Credits nature. * In this Online Mode B offered courses, department will conduct the Internal Assessment (ISE, TA, CIE). End Semester Examination will be conducted as per Institute norms (only Regular Examination).
CSE904	
CSE905	
CSE906	



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### Annexure-III

#### Assessment Tools for Internal Assessment (CIE/TA)

Assessment Tool	Description	TA / CIE
Index Card Summaries/ Questions	Periodically, distribute index cards and ask students to write on both sides, with these instructions: (Side 1) Based on our study of (unit topic), list a big idea that you understand and word it as a summary statement. (Side 2) Identify something about (unit topic) that you do not yet fully understand and word it as a statement or question.	TA
Hand Signals	Ask students to display a designated hand signal to indicate their understanding of a specific concept, principal, or process: - I understand and can explain it (e.g., thumbs up). - I do not yet understand (e.g., thumbs down). - I'm not completely sure about (e.g., wave hand).	TA
One Minute Essay	A one-minute essay question (or one-minute question) is a focused question with a specific goal that can, in fact, be answered within a minute or two.	TA
Analogy Prompt	Present students with an analogy prompt: (A designated concept, principle, or process) is like because	CIE
Web or Concept Map	Any of several forms of graphical organizers which allow learners to perceive relationships between concepts through diagramming key words representing those concepts.	CIE
Misconception Check	Present students with common or predictable misconceptions about a designated concept, principle, or process. Ask them whether they agree or disagree and explain why. The misconception check can also be presented in the form of a multiple-choice or true-false quiz.	CIE
Student Conference	One on one conversation with students to check their level of understanding.	TA
3-Minute Pause	The Three-Minute Pause provides a chance for students to stop, reflect on the concepts and ideas that have just been introduced, make connections to prior knowledge or experience, and seek clarification. <ul style="list-style-type: none"> <li>• I changed my attitude about...</li> <li>• I became more aware of...</li> <li>• I was surprised about...</li> <li>• I felt... I related to... I empathized with...</li> </ul>	TA

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
*(Signature)*  
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Assessment Tool	Description	TA / CIE						
Observation	Walk around the classroom and observe students as they work to check for learning. Strategies include: <ul style="list-style-type: none"> <li>• Anecdotal Records</li> <li>• Conferences</li> <li>• Checklists</li> </ul>	TA						
Self-Assessment	A process in which students collect information about their own learning, analyze what it reveals about their progress toward the intended learning goals and plan the next steps in their learning.	CIE						
Quiz	Quizzes assess students for factual information, concepts and discrete skill. There is usually a single best answer. Some quiz examples are: <table border="1" style="margin-left: 20px;"> <tbody> <tr> <td>• Multiple Choice</td> <td>• Paper and Pencil</td> </tr> <tr> <td>• True/False</td> <td>• Matching</td> </tr> <tr> <td>• Short Answer</td> <td>• Extended Response</td> </tr> </tbody> </table>	• Multiple Choice	• Paper and Pencil	• True/False	• Matching	• Short Answer	• Extended Response	TA
• Multiple Choice	• Paper and Pencil							
• True/False	• Matching							
• Short Answer	• Extended Response							
Journal Entry	Students record in a journal their understanding of the topic, concept or lesson taught. The teacher reviews the entry to see if the student has gained an understanding of the topic, lesson or concept that was taught.	CIE						
A-B-C Summaries	Each student in the class is assigned a different letter of the alphabet and they must select a word starting with that letter that is related to the topic being studied.	TA						
Idea Spinner	The teacher creates a spinner marked into 4 quadrants and labeled “Predict, Explain, Summarize, Evaluate.” After new material is presented, the teacher spins the spinner and asks students to answer a question based on the location of the spinner. For example, if the spinner lands in the “Summarize” quadrant, the teacher might say, “List the key concepts just presented.”	CIE						
Inside-Outside Circle	Inside and outside circles of students face each other. Within each pair of facing students, students quiz each other with questions they have written. Outside circle moves to create new pairs. Repeat.	TA						
Reader’s Theater	From an assigned text have students create a script and perform it.	TA						
One Sentence Summary	Students are asked to write a summary sentence that answers the “who, what where, when, why, how” questions about the topic.	CIE						

  
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Assessment Tool	Description	TA / CIE
Summary Frames	Description: A is a kind of that ... Compare/Contrast: and are similar in that they both.... But, while ..., Problem/Solution: wanted...but...so.....Cause/Effect	CIE
One Word Summary	Select (or invent) one word which best summarizes a topic.	TA
Think-Pair-Share/ Turn to Your Partner	Teacher gives direction to students. Students formulate individual response, and then turn to a partner to share their answers. Teacher calls on several random pairs to share their answers with the class.	TA
Think-Write-Pair-Share	Students think individually, write their thinking, pair and discuss with partner, then share with the class.	TA
Talk a Mile a Minute	Partner up – giver and receiver... Kind of like “Password” or “Pyramid.” Both know the category, but the receiver has his back to the board/screen. A set of terms will appear based on the category – giver gives clues, while receiver tries to guess the terms. First group done - stands up.	TA
Tic-Tac-Toe/ Think-Tac-Toe	A collection of activities from which students can choose to do to demonstrate their understanding. It is presented in the form of a nine square grid similar to a tic-tac-toe board and students may be expected to complete from one to “three in a row”. The activities vary in content, process, and product and can be tailored to address DOK levels.	TA
Four Corners	Students choose a corner based on their level of expertise of a given subject. Based on your knowledge of, which corner would you choose? Corner 1: The Dirt Road – (There’s so much dust, I can’t see where I’m going! Help!!), Corner 2: The Paved Road (It’s fairly smooth, but there are many potholes along the way.), Corner 3: The Highway (I feel fairly confident but have an occasional need to slowdown.) Corner 4: The Interstate (I ’m traveling along and could easily give directions to someone else.) Once students are in their chosen corners, allow students to discuss their progress with others. Questions may be prompted by teacher. Corner One will pair with Corner Three; Corner Two will pair with Corner Four for peer tutoring.	CIE

  
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Assessment Tool	Description	TA / CIE
Muddiest (or Clearest) Point	This is a variation on the one-minute paper, though you may wish to give students a slightly longer time period to answer the question. Here you ask (at the end of a class period, or at a natural break in the presentation), "What was the "muddiest point" in today's lecture?" or, perhaps, you might be more specific, asking, for example: "What (if anything) do you find unclear about the concept of 'personal identity' ('inertia', 'natural selection', etc.)?"	TA
3-2-1	3 things you found out 2 interesting things 1 question you still have	TA
	3 differences between 2 effects of on 1 question you still have about the topic	TA
	3 important facts 2 interesting ideas 1 insight about yourself as a learner	TA
	3 key words 2 new ideas 1 thought to think about	TA
	Write 3 questions about the text (unfamiliar words, confusing passages or ideas) Write 2 predictions based on the text (what will happen next based on the reading) Make one connection based on the text (connect to something you know or have experienced)	TA
Cubing	Display 6 questions from the lesson Have students in groups of 4. Each group has 1 die. Each student rolls the die and answers the question with the corresponding number. If a number is rolled more than once the student may elaborate on the previous response or roll again. Responses may also be written.	TA
Quick Write	The strategy asks learners to respond in 2–10 minutes to an open-ended question or prompt posed by the teacher before, during, or after reading.	TA
Directed Paraphrasing	Students summarize in well-chosen (own) words a key idea presented during the class period or the one just past.	CIE

  
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Assessment Tool	Description	TA / CIE
RSQC2	In two minutes, students recall and list in rank order the most important ideas from a previous day's class; in two more minutes, they summarize those points in a single sentence, then write one major question they want answered, then identify a thread or theme to connect this to the course's major goal.	TA
Likert Scale	Provide 3-5 statements that aren't clearly true or false, but are somewhat debatable. The purpose is to help students reflect on a text and engage in discussion with their peers afterwards. These scales focus on generalizations about characters, themes, conflicts, or symbolism. There are no clear cut answers in the book. They help students to analyze, synthesize and evaluate information). One question on a Likert Scale might look like this: 1. The character (name) should not have done (action). strongly agree      disagree      agree      strongly agree	TA
I Have the Question, Who Has the Answer?	The teacher makes two sets of cards. One set contains questions related to the unit of study. The second set contains the answers to the questions. Distribute the answer cards to the students and either you or a student will read the question cards to the class. All students check their answer cards to see if they have the correct answer. A variation is to make cards into a chain activity: The student chosen to begin the chain will read the given card aloud and then wait for the next participant to read the only card that would correctly follow the progression. Play continues until all of the cards are read and cycle repeats for a second time.	TA
Whip Around	The teacher poses a question or a task. Students then individually respond on a scrap piece of paper listing at least 3 thoughts/responses/statements. When they have done so, students stand up. The teacher then randomly calls on a student to share one of his or her ideas from the paper. Students check off any items that are said by another student and sit down when all of their ideas have been shared with the group, whether or not they were the one to share them. The teacher continues to call on students until they are all seated. As the teacher listens to the ideas or information shared by the students, he or she can determine if there is a general level of understanding or if there are gaps in students' thinking."	TA

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Assessment Tool	Description	TA / CIE
Word Sort	Given a set of vocabulary terms, students sort in to given categories or create their own categories for sorting	TA
Take and Pass	Cooperative group activity used to share or collect information from each member of the group; students write a response, then pass to the right, add their response to next paper, continue until they get their paper back, then group debriefs.	CIE
Say Something	Students take turns leading discussions in a cooperative group on sections of a reading or video	CIE
ABCD Whisper	Students should get in groups of 4. Each student will be asked to reflect on a concept and draw a visual of his/her interpretation. Then they will share their answer with each other in a zigzag pattern within their group.	CIE
ReQuest/ Reciprocal Questioning	ReQuest, or reciprocal questioning, gives the teacher and students opportunities to ask each other their own questions following the reading of a selection. The ReQuest strategy can be used with most novels or expository material. It is important that the strategy be modeled by the teacher using each genre. A portion of the text is read silently by both the teacher and the students. The students may leave their books open, but the teacher's text is closed. Students then are encouraged to ask the teacher and other student's questions about what has been read. The teacher makes every attempt to help students get answers to their questions. The roles then become reversed. The students close their books, and the teacher asks the students information about the material. This procedure continues until the students have enough information to predict logically.	TA
K-W-L & KWL+	Students respond as whole group, small group, or individually to a topic as to "What they already Know, what they want to learn, what they have learned". PLUS (+) asks students to organize their new learnings using a concept map or graphic organizer that reflects the key information. Then, each student writes a summary paragraph about what they have learned.	TA
Numbered Heads Together	Students sit in groups and each group member is given a number. The teacher poses a problem and all four students discuss. The teacher calls a number and that student is responsible for sharing for the group.	TA

  
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Assessment Tool	Description	TA / CIE
Gallery Walk	After teams have generated ideas on a topic using a piece of chart paper, they appoint a “docent” to stay with their work. Teams rotate around examining other team’s ideas and ask questions of the docent. Teams then meet together to discuss and add to their information so the docent also can learn from other teams. Graffiti – Groups receive a large piece of paper and felt pens of different colors. Students generate ideas in the form of graffiti. Groups can move to other papers and discuss/add to the ideas.	TA
One Question and One Comment	Students are assigned a chapter or passage to read and create one question and one comment generated from the reading. In class, students will meet in either small or whole class groups for discussion. Each student shares at least one comment or question. As the discussion moves student by student around the room, the next person can answer a previous question posed by another student, respond to a comment, or share their own comments and questions. As the activity builds around the room, the conversation becomes in-depth with opportunity for all students to learn new perspectives on the text.	TA
Home Assignments	Design Statement: Novelty, Originality and concreteness, Understanding of Design, Engineering approach towards design, Communication and presentation skills, Design report, writeup, conclusion of Assignment	CIE
Comprehensive Viva Voce	Comprehensive viva voce is based on verbal interaction between faculty and student, covering the entire course contents.	TA
Survey	Comprehensiveness of the survey, Understanding of topic, Significance and relevance of survey findings, Communication and presentation skills, References, Bibliography, literature survey, report writeup, conclusion	CIE
Case Study	Clarity in definition of case study problem statement, Understanding of Case handled, tools and technology used, Approach of analysis of case, Significance and relevance of findings, References, Bibliography, literature survey	CIE
Crossword Puzzle	Crossword puzzles are a type of word jigsaw puzzle The purpose of these puzzles is to encourage students to form words or phrases which lead to the answers.	TA

  
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Assessment Tool	Description	TA / CIE
Field Visit	A field trip is a visit to an area outside of the normal classroom where student can try new things, have different experiences. Student should submit visit report comprising findings and observations of field visit	CIE
Open Book Test	An open book assessment aims to assess critical application of the course material. It will test student's understanding of what they have. Questions should be asked on - apply information by comparing, contrasting, analyzing or evaluating what student have been learning about.	TA/CIE
Summaring and paraphrasing	Summaring and paraphrasing in the form of slides, video or handwritten summery on any topic from syllabus. Frequency- Once in semester, Platform Institute ERP	TA
Report writing	Construct a report on a recent major scientific development (i.e. Noble prize awarded experiments, scientific discovery presented in leading international journal like Nature, Elsevier, Springer, Taylor and Francis etc.)	CIE
Model making	Making a demonstrating or working activity model with elaboration of underlying scientific phenomenon	CIE

It is also suggestive to use the following Assessment Tools for Internal Assessment (CIE)

Assessment Tool For Teacher's Assessment	Assessment Tool For Continuous Internal Evaluation	Semester
Punctuality	Home Assignment	I/II/III
Responsiveness	Quiz	I/II/III
Attentiveness	Surprise Test	I/II/III
Attendance	Open Book Test	Common
Notebook Maintaining	Industry Expert Assessment	IV/V
Literature Collection	Creative Assignment	IV/V
Sharing the Knowledge	Technical Poster	IV/V
	Seminar	IV/V/VI
	Research Paper Writing	V/VI/VII
	Essay Writing	V/VI/VII
	Field report	V/VI/VII
	Paper presentation	V/VI/VII
Any Other with Approval from Chairperson, BOS	Any Other with Approval from Chairperson, BOS	

  
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