

**RULES AND REGULATIONS
FOR
POST GRADUATE PROGRAMMES (NEP COMPLIANT CURRICULUM)
(Master of Technology and Master of Computer Applications)**



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**Academic Rules and Regulations Regarding Curriculum
for Post Graduate Programmes
(To be implemented from Year 2023-24)**

1 INTRODUCTION:

- 1.0 The General Regulations that are common to all Post Graduate Programmes of Government College of Engineering, Aurangabad, are presented here. Specific aspects of the regulations pertaining to a particular programme are given separately along with the corresponding curriculum.
- 1.1 The provisions contained in this set of regulations govern the policies and procedures regarding admission of students, imparting instructions of the courses, conducting examination and its evaluation and certification of student's performance.
- 1.2 This set of regulations, shall be binding on all the students undergoing the Post Graduate Programme(s).
- 1.3 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, Staff, Departments, Institute Authorities.
- 1.4 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 Academic Council, as and when found necessary through appropriate authorities.
- 1.5 The Academic Council may consider any issues or matters of concern relating to any 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) here in this set of regulations or otherwise.
- 1.6 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 the parties concerned. Further, any legal disputes arising from this set of regulations shall be limited to the legal jurisdiction of Aurangabad and not that of any other parties.

2 **DEFINITIONS:** Unless the context otherwise requires –

- **“Academic Council”** means, Academic Council of the Institute.
- **“ABC”** means, Academic Bank of Credit
- **“BoG”** means, the Board of Governance (BoG) of the Institute.
- **“BoS”** means, the Board of Studies of the Department
- **“Course”** means, a specific *subject* usually identified by its *course-number* and *course-title*, with a specified *syllabus/course-description*, a set of *references*, taught by some *teacher(s)/course-Co-ordinator(s)* to a specific *class* (group of students) during a Specific *academic-session/semester*
- **“Course Co-ordinator”** means, the teacher or the Course Co-ordinator of a Course
- **“Curriculum”** includes the set of Academic Regulations, Course-Structure and Course-Contents
- **“CET”** means, Common Entrance Test conducted by competent Authority
- **“Institute”/“GEC”** means, Government College of Engineering, Aurangabad
- **“Dean (A)”** means, the Dean (Academics)
- **“Dean (SA)”** means, the Dean (Student Activities)
- **“Dean (R&D)”** means, the Dean (Research & Development)
- **“Faculty Advisor”** means the Faculty Advisor or the Panel of Faculty Advisors, in a Parent Department, for a group (admission-batch) of students
- **“GATE”** means, Graduate Aptitude Test in Engineering
- **“Principal”** means, the Principal of the Institute
- **“HoD”** means, the Head of the Department
- **“NEP”** means, National Education Policy 2020
- **“Programme coordinator”** means, a faculty in charge of an academic programme
- **“Parent Department”** means, the department that offers the Post Graduate degree programme that a student undergoes
- **“Reg Acad”** means Registrar Academics
- **“ISE”** means In semester Evaluation
- **“ESE”** means End Semester Examination

3 ACADEMIC CALENDAR:

- 3.1 The normal duration of the course leading to M.Tech. and MCA degree programmes will be **FOUR** semesters for full time and **SIX** semesters for M. Tech. Part Time.
- 3.2 Each academic year shall be divided into 2 semesters, each of minimum 90 working days duration (Including Examination) for full time programmes and 3 semesters, each minimum of 90 working days duration (Including Examination) for Part Time programmes.
- 3.3 The schedule of academic activities for a semester, including the dates of registration, in-semester evaluations, end-semester examination, inter-semester vacation, etc. shall be referred to as the Academic Calendar of the semester, which shall be prepared by the Dean (Academic), approved by the Academic Council, and announced at least **TWO WEEKS** before the closing date of the previous semester.
- 3.4 The Academic Calendar must be strictly adhered to, and all other activities including co-curricular and/or extra-curricular activities must be scheduled so as not to interfere with the Curricular Activities as stipulated in the Academic Calendar.
- 3.5 Under any circumstances when any of the teaching days gets declared as a Holiday or otherwise when the classes get suspended, irrespective of whatsoever be the reasons, appropriate makeup for such loss shall be made by Programme Coordinator having the class/lab/teaching sessions conducted on a suitable day by following the particular Class Time Table of that Teaching Day which was so lost.

4 REGISTRATION:

- 4.1 Every Student after consulting his Faculty-Advisor is required to register for the approved courses of Parent Department at the commencement of each semester on the days fixed for such registration and notified in the academic calendar. Programme coordinator will monitor and appoint Departmental Committee's in order to properly facilitate course registration. All students must personally be present on these dates. Minimum 30% of total admitted students are required for starting the elective course of programme. In exceptional cases programme Head will finalize number of elective courses to be offered.
- 4.2 **Mandatory Pre-Registration for Elective Courses:** In order to facilitate proper planning of the academic activities of a semester, it is essential for the student to *declare their intent to register* for an elective course well in advance, before the actual start of the academic session, through the process of Pre-Registration, which is mandatory for all students. The span of pre-registration shall be declared on website and academic calendar.
- 4.3 All students (other than the freshly admitted students) intending to register for the next higher semester are required to have completed the *Mandatory Pre-Registration* of elective courses, at least TWO weeks before the Last Day of instruction specified in the academic calendar of the current semester. To facilitate this Preregistration all teaching departments shall announce the list of courses to be offered for the next higher semester, at least FOUR weeks before the Last Day of instruction specified in the academic calendar of the current semester.
- 4.4 Students who do not register on the day announced for the purpose may be permitted *LATE REGISTRATION* up to the notified day in academic calendar on payment of late fee.
- 4.5 *REGISTRATION IN ABSENTIA* will be allowed only in exceptional cases to the authorized representatives of the student with the approval of committee formed by Principal and programme coordinators.
- 4.6 A student will be permitted to register in the next semester only if he/she fulfills the following conditions:
- a) Satisfied all the Academic Requirements to continue with the programme of studies
 - b) Cleared all Institute, Hostel and Library dues and fines (if any) of the previous semesters;
 - c) Paid all required advance payments of the Institute and hostel for the current semester
 - d) Not been debarred from registering on any specific ground by the Institute.

5 Credit and Evaluation System

5.1 The Grading System

The grading system for Post Graduate Programmes as recommended by Dean (Academics) and approved by Academic council shall be followed for declaration of results. For every course taken by a student, he/she is assigned a grade based on his/her combined performance in all the heads of assessments. The grade indicates a qualitative assessment of the student's performance and is associated with equivalent number called a grade point. The course coordinator shall provide term work/practical /oral/Viva-voce or any other heads of assessment at course coordinator level in the form of relative grades based on internal and /or external assessment as applicable amongst the appearing students.

5.2 The academic performance shall be graded on a ten-point scale following guidelines given below for Post graduate classes. The letter Grades (up to D 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).

5.3 Relative Grade System for M. Tech. & MCA Programmes

Award of Grades

5.3.1 Grade A++ absolute grade to be awarded to 10 % or less number of students securing more than 90 % marks.

5.3.2 In the case of students appearing for Re-examination the grade shall not be higher than A+ in that particular course.

5.3.3 Grade D absolute grade to be awarded to a student who fails in the subject securing less than 50% marks or student remaining **ABSENT** in a course of End Semester Examination/ Re-Examination.

5.3.4 The intermediate grade shall be divided on equal scale between student securing A++ and C+ grade.

5.3.5 There shall be letter grades with associated grade points as given below:

Relative Range of Marks	Grade	Grade Point
$M > k_1$	A++	10.0
$k_1 \geq M > k_2$	A+	9.0
$k_2 \geq M > k_3$	A	8.0
$k_3 \geq M > k_4$	B+	7.0
$k_4 \geq M > k_5$	B	6.0
$k_5 \geq M > k_6$	C+	5.0
$M \leq k_6$	D	0
Detained	D1	0

Drop	D2	0
Withdrawn	D3	0

Where,

M =Marks obtained out of 100, $k_1 = [(Minimum\ marks\ of\ A++)-1]$
or maximum marks secured if no student is awarded A++, $k_6=49$;
 $C = (k_1-k_6)/5$; $k_2 = (k_1-C)$; $k_3=k_2-C$; $k_4=k_3-C$; $k_5=k_4-C$

These rules are applicable for following semesters

- First, Second and Third semester of MCA Programme
- First, second and third semester of M.Tech. Full time programme
- First, Second, Third, Fourth and Fifth semester of M.Tech. Part time programme.
- In case of Dissertation-II/Project, of Fourth semester of M.Tech. and MCA Full Time and Sixth semester of M.Tech. Part time programme the grades will be as Follows,

Range of Marks (%)	Grade	Grade Point
91-100	A++	10.0
82-90	A+	9.0
74-81	A	8.0
66-73	B+	7.0
58-65	B	6.0
50-57	C+	5.0
Below 50	D	0

5.3.6 The SGPA and CGPA shall be calculated as per the procedure followed based on credits. The equivalent percentage from CGPA can be calculated as $(CGPA) \times 10$.

5.3.7 Class is awarded on the basis of CGPA First Division with Distinction = $CGPA \geq 7.25$

First Division = $7.25 > CGPA \geq 6.25$

Second Division = $6.25 > CGPA \geq 5.25$

Pass Class = $5 < CGPA < 5.25$

5.4 **Submission of Dissertation Report:**

M. Tech.Programme:

5.4.1 The student shall present the dissertation work at the time of pre-submission viva before departmental committee comprising of Guide and at least two faculty members from same discipline. In view of maintaining the quality of research, publications under SCI, web of Science, Scopus, UGC, AICTE and Indian

Citation Index Journal. The student may also be encouraged to attend recognized conferences.

The proof of submitting paper to these journals / presentation certificate for Conference or filing of patent /copyright should be considered as a mandatory requirement for submission of Dissertation. If Dissertation work is in collaboration with industry /organization/ research agency, the uploading of paper /filing a patent shall not be mandatory but desirable.

- 5.4.2 The student shall incorporate the suggestions and submit the DissertationII report in soft bound form within two months after completion of the EVEN TERM of second year.Else the student is required to pay extension fees.
- 5.4.3 After final viva-voce the suggestions/ modifications suggested by external examiner at the time of viva- voce should be incorporated and then five hard bound copies shall be submitted.
- 5.4.4 The result shall be declared only after submission of hard bound copy.

5.5 Evaluation System

5.5.1 Marking Scheme for theory courses will be as follows:

Sr. No	Theory/ Practical course	No of credits	ISE I	ISE II	ESE	Total
1	Theory	3 or 4	20	20	60	100
2		2	10	10	30	50
3	Practical	1 or 2		25 or 50	25 or 50 (optional)	50

5.5.2 Exam Duration

Sr. No	Marks for the exam	Duration
1	ISE – 20/15 marks	One Hour
2	ISE – 10 marks	45 minutes
3	ESE – 30 marks	1 Hr 30 minutes
4	ESE – 60 marks	2 Hrs 30 minutes

5.5.3 Passing criteria

Students shall pass a theory course if the total number of marks scored in ISE I, ISE II and ESE is greater than or equal to 50%. Students shall pass a practical course provided the scoring is greater than or equal to 50% separately for a Term work (ISE II normally) and Practical exam (ESE).

6 ADD / DROP Options

6.1 ADD-option:

A student has the option to ADD courses for registration till the date specified for late registration in the Academic Calendar.

6.2 DROP-option:

On the recommendation of the Teaching Department as well as the Parent Department, a student has the option to DROP courses other than core courses from registration, before the date of provisional detention as indicated in the Academic Calendar.

7 ATTENDANCE REQUIREMENTS:

7.1 To account for approved leave of absence (eg. representing the Institute in sports, games or athletics; placement activities; NCC/NSS activities; etc.) and/or any other such contingencies like medical emergencies, etc., the attendance requirement shall be a *minimum of 75%* of the classes actually conducted.

7.2 A student with less than 75% attendance in a course during a semester, in lectures, tutorials and practical taken together as applicable, will not be permitted to appear in the End Semester Examinations of the course in which the shortfall exists, irrespective of his academic performance, and irrespective of nature of his absence .The student will have to reregister in the same course as and when offered in the institute or he/she may have a choice to register in an equivalent course as approved by the respective board of studies.

7.3 The course Coordinators shall communicate periodically the attendance of the concerned students and shall publish list of provisionally detained student with the reason there of at least one week before the last day of instruction in the current semester.

7.4 Students who do not satisfy the criteria for final grant of term shall be finally detained by the course coordinator on the last day of instruction and shall be communicated in writing to the concerned students, programme coordinator and controller of examination

7.5 The attendance records are to be maintained by the course Coordinator and he/she shall show it to the student, if and when required and to be published on website.

8 ABSENCE DURING THE SEMESTER:

8.1 Leave of Absence:

- a. The leave of absence for the student for valid and genuine reason shall be required to be approved by faculty advisor and the

programme coordinator at appropriate time with supporting documents.

b. The faculty advisor/programme coordinator not in receipt of such request in writing shall grant leave under genuine circumstances or shall reject if found not satisfactory.

8.2 Absence during In-Semester Evaluations:

Leave of absence during class test shall be permitted if (a) hospitalized (ii) death of siblings/ parents/grandparents (iii) deputed by the institute. Re class test may be arranged for such cases.

9 TRANSFER OF CREDITS

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

Since Credits awarded to a student for one programmes from an institution may be transferred/redeemed by another institution upon the student's consent through ABC, it is essential that all students should get enrolled on ABC, create ABC ID, and share these ABC IDs with Academic Institutions where they are enrolled. Credits Earned by the student will reflect in the student's ABC account. The credits transferred will reduce the number of courses to be registered by the student at GEC. The guidelines for such transfer of credits are as follows:

The guidelines for such transfer of credits are as follows:

- a) Postgraduate students can register up to 40% of the total courses being offered in a particular programme 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.
- b) Courses which are not covered in (a) may be considered with approval of academic council.
- c) Multi-institutional learning permission: The student shall be allowed to earn some credits from NEP compliant institutions/colleges other than the Main/ Parent College i.e. a college where students earn all their major credits (more than 50%) including credits for the core subject.
- d) Students can earn external credits only from IISC/IITs/NITs/IIMs and other Indian or foreign Universities/Institutes /Colleges with which GEC has prior approval of transfer of credits.
- e) 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 academic bodies (BoS) before giving approval. These academic bodies will then decide the number of equivalent credits the student will get for such course(s) in GECA.
- f) A student has to secure minimum passing grades/ marks for such courses for which the credit transfer is to be implemented.

- g) Credit transfer availed by a student shall be properly recorded on academic record(s) ABC card of the student.

10 WITHDRAWAL FROM THE PROGRAMME:

10.1 Temporary Withdrawal:

- a) A student who has been admitted to a Post Graduate degree programme of the Institute may be permitted to withdraw temporarily, for a period of one semester or more, on the grounds of prolonged illness or grave calamity in the family, employment elsewhere etc., provided:
- i. He applies to the Institute stating fully the reasons for withdrawal together with supporting documents and endorsement from his parent/guardian;
 - ii. The Institute is satisfied that, without counting the period of withdrawal, the student is likely to complete his requirements of the degree within the time specified.
 - iii. There are no outstanding dues with the Departments / Institute / Hostels / Library / etc.
 - iv. Scholarship holders are bound by the appropriate Rules applicable to them.
 - v. The decision of the Principal of the Institute regarding withdrawal of a student is final and binding.
- b) Normally, a student will be permitted only one such temporary withdrawal during his tenure as a student and this withdrawal will not be counted for computing the duration of study.
- c) In case of the student discontinued the programme due to employment, He/She may continue the programme after obtaining N.O.C. and appropriate study leave from the competent authority.

10.2 Permanent Withdrawal:

Any student who withdraws admission before the closing date of admission for the Academic Session is eligible for the refund of the all the fees and deposits, after a deduction of a processing fee. For the first year admitted student permanent withdrawal is defined as per the norms of admission by Government of Maharashtra. Once the admission for the year is closed, the following conditions govern withdrawal of admissions:

- a) A student who wants to leave the Institute, will be permitted to do so (and take Transfer Certificate from the Institute, if needed), only after clearing all the dues, if any. Also, all the fees and charges already paid will not be refunded on any account.
- b) Those Students who have received any scholarship, stipend or other forms of assistance from the Institute shall repay all such.

- c) The decision of the Principal of the Institute regarding all aspects of withdrawal of a student shall be final and binding.

11 CONDUCT AND DISCIPLINE:

11.1 Students shall conduct themselves within and outside the premises of the Institute in a manner befitting the students of a reputed Institution.

11.2 As per the order of Honorable Supreme Court of India, ragging in any form is considered as a criminal offence and is banned. Any form of ragging will be severely dealt with.

11.3 The following acts of omission and/or commission shall constitute gross violation of the code of conduct and are liable to invoke disciplinary measures:

- a) Ragging
- b) Lack of courtesy and decorum; indecent behavior anywhere within or outside the campus.
- c) Willful damage or stealthy removal of any property/belongings of the Institute /Hostel or of fellow students/citizens.
- d) Possession, consumption or distribution of alcoholic drinks or any kind of narcotics or hallucinogenic drugs.
- e) Mutilation or unauthorized possession of library books.
- f) Noisy and unseemly behavior, disturbing studies of fellow students.
- g) Hacking in computer systems (such as entering into other person's area without prior permission, manipulation and/or damage of computer hardware and software or any other cybercrime etc.)
- h) Plagiarism of any nature.
- i) Any other act of gross indiscipline as decided by the Academic Council from time to time.

Commensurate with the gravity of offense, the punishment may be: reprimand, fine, expulsion from the hostel, debarring from an examination, disallowing the use of certain facilities of the Institute, rustication for a specified period or even outright expulsion from the Institute, or even handing over the case to appropriate law enforcement authorities or the judiciary, as required by the circumstances.

11.4 For an offence committed in (i) a hostel (ii) a department or in a class room and (iii) elsewhere, the Chief Warden, the Head of the Department and the Dean (Students Activities), respectively, shall have the authority to reprimand or impose fine.

11.5 Cases of adoption of unfair means and/or any malpractice in an examination shall be reported to the Controller of Examination for taking appropriate action.

11.6 All cases of serious offence, possibly requiring punishment other than reprimand, shall be reported to the Principal.

11.7 The Institute Level Standing Disciplinary Action Committee constituted by the Principal shall be the authority to investigate the details of the offence, and recommend disciplinary action based on the nature and extent of the offence committed.

11.8 The students are allowed to enter in the campus of Government College of Engineering Aurangabad(M.S) in "Prescribed Uniform" only. The students are not allowed to enter in Institute campus with other dress code which violates the civil society laws.

12 REQUIREMENTS FOR AWARD OF DEGREE AND CONVOCATION:

12.1 A student shall be declared to be eligible for the award of the Post Graduate degree if he/she has:

- a) Fulfilled the requirements of Post Graduate Degree
- b) No dues to the Institute, Departments, Hostels, Library, and No disciplinary action is pending against him/her.

12.2 Convocation:

Students are required to apply for the Convocation along with the prescribed fee, after having satisfactorily completed all the degree requirements within the specified date in order to arrange for the award of the degree during convocation.

13 COMMITTEES / FUNCTIONARIES:

The following committees shall be constituted for the departmental Post Graduate degree Programmes. However, the corresponding committees constituted for UG programmes may also function for the PG Programmes.

13.1 Class/Course Committee:

Every Class (group of students registered for a course) of the Post Graduate Degree Programme shall have a Class/Course Committee, consisting of Faculty and Students.

Constitution:

- a) One Faculty of Teaching Department, Chairman nominated by the Programme Coordinator preferably not associated with the class;
 - b) Faculty Advisor(s) for the Class ... Member Secretary
 - c) Course Co-ordinator(s) ... Member(s)
 - d) FOUR to SIX students from the ... Members
- Class/Course to be chosen by the students amongst themselves

Functions:

- a) The basic responsibilities of the Class/Course Committees are to review periodically the progress of the classes, to discuss problems concerning curriculum and syllabi and the conduct of the classes.
- b) Each class/course committee will communicate its recommendations to the Programme Coordinator.
- c) There shall be minimum one class committee meeting at the middle of every semester as indicated in the academic calendar. However additional class committee meetings may be convened as decided by Course Coordinator.
- d) During beginning of the semester, the Course Co-ordinators shall present the method of evaluation and distribution of weightages for the various components.
- e) The minutes of each class/course committee meeting shall be recorded in a separate minute's register maintained in the Parent/Teaching Department.

13.2 Faculty Advisor(s):

The Faculty Advisor(s) will be appointed by the Programme Coordinator of the parent department, who will be assigned a specific group (admission-batch) of students of the concerned parent department, and will be valid throughout their duration of study.

Functions:

- a) To help the students in planning their courses and related activities during their study period
- b) To monitor, guide, advice and counsel the students on *all* academic matters.
- c) To coordinate the activities regarding mandatory learning courses

13.3 Course Co-coordinator:**Functions:**

- a) He / She shall follow all the Regulations related to teaching of a course and evaluation of students.
- b) He / She shall be responsible for all the records of the students registered for the course.
- c) He / She shall conduct classes as prescribed in the Academic Calendar and as per the time table issued by the department.
- d) He / She will arrange to distribute a course plan and the evaluation plan together with the course objectives, background materials to all the students within the first week of each semester.
- e) He / She will prepare an evaluation plan showing details of how the student's performance will be evaluated in the course.

- f) He / She will properly document the students' performance and announce to the students (including on the notice board) as stipulated in the Regulations.
- g) He / She will report to the Programme Coordinator on a periodic (*monthly*) basis, the potential cases of very poor academic performance as well as those of low attendance.

ANNEXURE-A
REGULATIONS SPECIFIC
TO
POSTGRADUATE PROGRAMMES
(M.Tech./MCA)

CONTENTS

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A1. POST GRADUATE DEGREE PROGRAMMES:

A 1.1 The list of Post Graduate M. Tech./MCA Degree Programmes offered by various departments on Full Time (FT) and Part Time (PT) basis along with the intake capacity are as given below:

Name of the Department	Post Graduate Programme	Type	Intake
Civil Engineering	M.Tech. (Water Resources Engineering)	FT	18
	M.Tech. (Geotechnical Engineering)	PT	13
Applied Mechanics	M.Tech. (Structural Engineering)	FT	18
	M.Tech. (Structural Engineering)	PT	13
Mechanical Engineering	M.Tech. (Production Engineering)	FT	18
	M.Tech. (Production Engineering)	PT	13
	M.Tech. (Mechanical Engineering Design)	PT	13
Electrical Engineering	M.Tech. (Electrical Power Systems)	FT	18
	M.Tech. (Electrical Machines and Drives)	FT	18
	M.Tech. (Electrical Power Systems)	PT	13
Electronics	M.Tech. (Electronics Engineering)	FT	18
	M.Tech. (Electronics Engineering)	PT	13
Computer Science and Engineering	M.Tech.(Computer Science and Engineering)	FT	18
	M.Tech. (Computer Science and Engineering)	PT	13
Master of Computer Applications	Master of Computer Applications (MCA)	FT	60

A 1.2 The provisions of these Regulations shall be applicable to any new disciplines that may be introduced from time to time and appended to the above list.

A 2. ADMISSION:

A 2.1 Admission to GEC, Aurangabad for Post Graduate Degree Programmes will be made in accordance with the instructions and guidelines received from **GOVERNMENT OF MAHARASHTRA** from time to time. Seats are reserved for candidates belonging to Scheduled Castes and Scheduled Tribes, Other Backward Classes (OBC), Physically challenged candidates, children of defense personnel and other categories as per the guidelines issued by **GOVERNMENT OF MAHARASHTRA**.

A 2.2 Student Exchange Programs and the Transfer of Credits, shall be as per the corresponding MOU approved by the Competent Authority.

A 2.3 The Institute reserves the right to cancel the admissions of any student and ask him to discontinue his studies at any stage of his career on the grounds of unsatisfactory academic performance or indiscipline or any misconduct.

A 2.4 The decision of the Academic Council regarding the admissions is final and binding.

A 2.5 Every Post Graduate student of the Institute shall be associated with Degree Awarding Department offering the Post Graduate degree programme that the student undergoes, throughout his study period, right from the very first day of admission into the programme.

A 3. COURSE STRUCTURE:

A 3.1 The curriculum structure of M.Tech. and M.C.A. programmes shall typically consist of the following components. 10% variation in suggested breakdown in each category is permitted subject to total credits of 80 for M.Tech. and 88 for MCA programmes.

M.Tech and M.C.A. programmes components

Components		Total Credits M. Tech	Total Credits MCA
Programme Core Course (PCC)	Program Courses	20	41
Programme Elective Course (PEC)	Program Elective	14	12
Open Elective (OEC) Other than a particular program	Open Elective	06	03
Vocational and Skill Enhancement Course (VSE)	Skill Courses	04	05
Ability Enhancement Course (AEC) Technical Presentation	Humanities Social Science and Management (HSSM)	03	05
Entrepreneurship/Economics/Management Courses (EEM)		03	-
Research Methodology (RMC)	Experiential Learning Courses	04	-
Dissertation/Project/Internship (DIS/INT)		26	22
Co-curricular Courses (CCC)	Liberal Learning Courses	Audit	Audit
Total Credits		80	88

The Minimum Credit Requirement for the M.Tech. and MCA programme is 80 and 88 respectively.

A 3.2 Open Elective Courses

Open electives offered by any department are courses listed in the course structure under the open elective category and offered to students of any department other than parent department or as specified.

A 3.3 Programme Elective Course

The students of a particular programme have to complete the total credits required under the program elective category by earning the minimum credits

prescribed under the Programme Elective Course (PEC) by registering for courses listed under the PEC category

A 3.3 Vocational and Skill Enhancement Course

Vocational and Skill Enhancement Courses includes courses giving exposure to Hands on Training as Mini Project I and Mini Project II

A 3.4 Humanities Social Science and Management

- Ability Enhancement Course
Courses dealing with Technical Presentation.
- Entrepreneurship/Economics/ Management Courses
Courses dealing with above mentioned areas and these courses must be offered from the Basket approved by Institute.

A 3.5 Research Methodology

This course is to be offered to students in either I or II semester.

A 3.6 Co-curricular courses

Students shall complete Liberal learning courses aka co-curricular courses such as Health and Wellness, Yoga education sports, and fitness as an audit course.

A 3.7 Dissertation rules of M. Tech

It shall consist of DissertationI in third/fifth semester and DissertationII in fourth/sixth semester of M.Tech. FT/PT programme respectively.

A 3.7.1 The Dissertation I shall be of 10 credits and it shall comprise of at least literature survey and finalization of objectives of study.

A 3.7.2 Dissertation II shall be of 16 Credits comprising of detailed work.

A 3.7.3 The method of evaluation for the dissertation shall be evolved by pertinent BoS and appropriate grade is awarded which will be considered for SGPA and CGPA calculations.

A 3.8 Project/Internship/On Job training rules for MCA

As suggested by the BoS for MCA Programme included in the curriculum`

A4. DEGREE REQUIREMENTS:

A4.1 The degree requirements of a student for the M.Tech and MCA programme are as follows:

- a) Minimum Earned Credit Requirements of all Core Courses, Elective Courses etc. as mentioned in the curriculum. Minimum Earned Credit Requirement for Master of Technology Degree is 80 and MCA programme is 88.

- b) Satisfactory completion of all Non-Credit Audit Course mentioned in the curriculum (*if any*).
- c) The Maximum duration for a student for complying to the Degree Requirement as per affiliating university rules and UGC/AICTE guidelines. The Full-time M.Tech and MCA degree shall be awarded TWO (02) years after the admission and only after fulfilling requirements mentioned in A4.1 (a) and (b). Part Time degree shall be awarded THREE (03) years after the admission and only after fulfilling requirements mentioned in A4.1 (a) and (b).

A5. Re-registration

A5.1 M. Tech. Full Time and MCA student shall be required to reregister for required Courses, under the following conditions:

Check point	Credit Threshold M. Tech	Credit Threshold MCA
End of First year	36	33

The student of second year M. Tech Degree shall be permitted to carry out Dissertation-II during the FOURTH semester; however the examination shall be conducted only when the student earns 64 credits after THIRD semester.

A 5.2 M.Tech Part Time student shall be required to reregister for required courses, under the following conditions or to be decided by Head of the department:

Check point	Credit Threshold
End of First Year	18
End of Second Year	36

The student of M.Tech Part Time in third year shall be permitted to carry out Dissertation-II during the SIXTH semester, however the examination shall be conducted only when the student earns 64 credits after FIFTH semester.

Note: The period of temporary withdrawal is not to be counted for the above Credit Threshold.

A6. TERMINATION FROM THE PROGRAMME:

- a) If a student is absent for more than 8 (Eight) weeks at a stretch in a semester without sanctioned leave
- b) Based on disciplinary action suggested by the Academic Council, on the recommendation of the appropriate committee
- c) Student will be terminated from the programme as per UGC/University rules and regulation

A7. COMMITTEES / FUNCTIONARIES:

The following committees shall be constituted specifically for the Post Graduate degree programme:

A7.1 Board of Studies (BOS-PG):

Constitution: as per UGC/AICTE Guidelines for autonomous institutes

A7.2 Departmental Faculty Board (DFB):

Constitution:

Programme Co-ordinator	... Chairman
All faculties	... Members

Note:

- There shall be one DFB for every department that is involved in the teaching P.G. degree programme.
- The Secretary (DFB) shall be nominated by the Chairman on rotation basis for a period of one year from faculties.
- The Chairman may co-opt and/or invite more members including at the most three outside experts.
- The quorum for each meeting shall be five.

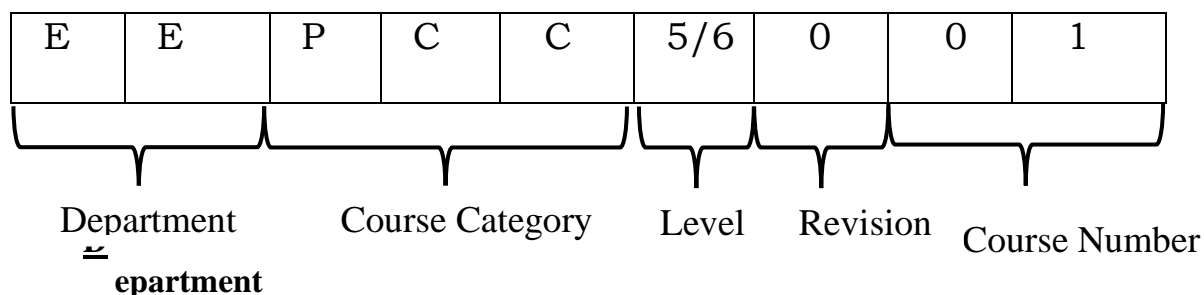
Functions:

- a) To monitor the conduct of all Post Graduate courses of the department
- b) To ensure academic standard and excellence of the courses offered by the department
- c) To develop/revise the curriculum for Post graduate courses offered by the department, and recommend the same to the BOS
- d) Moderation (only if and when found necessary) in consultation with the Course Co-coordinator, and approval of the finalized grades, before submission to CoE
- e) To consolidate the registration of the student and communicate to Course Co-coordinators, and also to the Dean (Academic).
- f) To conduct performance appraisal of Course coordinators.
- g) To provide feedback of the performance appraisal to the Course Coordinator and concerned authorities.
- h) To consider any matter related to the Post Graduate programme of the department.
- i) In cases where a course is taught by more than one faculty member, or by different faculty members for different sections of students, shall coordinate (only in case of need) among all such faculty members regarding the teaching and evaluation of such courses.

- j) To conduct at least two meetings each semester and send the Resolutions of the meeting to the Board of Studies and also to maintain a record of the same in the department.
- k) Any appropriate responsibility or function assigned by the Academic Council or the Chairman of the Academic Council or the BOS or the Chairman of the BOS.

COURSE STRUCTURE - PG

Course Numbering Scheme



Sr. No.	Name of Department	Code
1	Civil Engineering	CE
2	Computer Science and Engineering	CS
3	Electrical Engineering	EE
4	Electronics Engineering	EC
5	Mechanical Engineering	ME
6	Applied Mechanics	AM
7	Master of Computer Applications	MC
8	Institute (Courses which does not belong to any particular department)	IN

Course Category

Sr. No.	Description	Code
1	Programme Core Courses	PCC
2	Programme Elective Courses	PEC
3	Open Elective Courses	OEC
4	Vocational and Skill Enhancement Courses	VSE
5	Humanity, Social Science & Management (HSSM)	
	Ability Enhancement Courses	AEC
	Entrepreneurship/Economics/ Management	EEM
6	Experiential Learning	
	Research Methodology Courses	RMC
	Project / Dissertation	DIS
	Internship (for MCA)	INT
7	Co-curricular Courses	CCC

For Open Elective & Humanity, Social Science & Management Courses, level will be '5' for courses offered in first year & '6' for courses offered in second year

Revision indicates updation in course. Initially it will start with zero

Description

For e.g. for specifying

1.	Course code for Program Elective of Electrical Engineering Department	EEPEC50XX
2.	Course code for Open Elective Course offered in first year by Computer Department	CSOEC50XX
3.	Course code for Vocational and Skill Enhancement Courses offered in first year by Mechanical Department	MEVSE50XX
4.	Course code for Project/Dissertation Courses by Computer Department	CSDIS60XX
4.	Course code for Internship Course for MCA	MCINT60XX