R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)
(Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi
Accredited by NAAC with A+ Grade / All the Eligible UG Programs are Accredited by NBA, New Delhi)

REGULATIONS 2024
CHOICE BASED CREDIT SYSTEM

Common to all B.E. / B.Tech. Full-Time Programmes

Applicable to the Students admitted to B.E. / B.Tech. Programmes from the AY 2024-25 onwards

DEGREE OF BACHELOR OF ENGINEERING / BACHELOR OF TECHNOLOGY

This set of Regulations is applicable to the students admitted to B.E. / B.Tech. Programmes at R.M.K. Engineering College, Kavaraipettai, from the academic year 2024-25 onwards.

1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In this Regulation, unless the context otherwise specifies:

I. "**Programme**" means Degree Programme (i.e) B.E. / B.Tech. Degree Programme.

II. "**Discipline**" means Branch or Specialisation of B.E. / B.Tech. Degree Programme, like Civil Engineering, Bio Technology, etc.,

III. "**Course**" means a Theory or Practical subject that is normally studied in a semester, like Mathematics, Physics, Engineering Graphics, etc.,

IV. "**Chairman**, Academic Council" means the authority of the Institution who is responsible for all academic activities of the Institution/Departments for implementation of relevant Rules and Regulations.

V. "**Head of the Institution**" means the Principal of the Institution.

VI. "**BoS Chairman**" means Chairperson of Board of Studies of each department.

VII. "**Head of the Department**" means the head of the Department concerned.

VIII. "**Controller of Examinations**" means the authority of the Institution who is responsible for all Examination related activities of the Institution.

IX. "**Credit**" means a numerical value allocated for each course to describe the student's workload required per week.

X. "**Grade**" means the letter grade assigned to each course based on the range of marks specified.

XI. "**Grade Point**" means a numerical value (0 to 10) allocated based on the grade assigned to

RMKEC Regulations 2024

each course.

XII. "**Institution**" means R.M.K. ENGINEERING COLLEGE.

XIII. "**University**" means ANNA UNIVERSITY, CHENNAI.

XIV. "**Department Consultative Committee (DCC)**" means a four-member committee constituted by the Head of the Institution with members as HoD, a faculty member from the Department of the student, HoD of any other branch of the Institution and an Industry Expert for approving the academic matters of the Department.

XV. "**Bonafide students**" means one who has enrolled for at least one course in the curriculum as per regulation and has paid the tuition fee for the same.

2. ADMISSION PROCEDURE

2.1 Students for admission to the first semester of the eight semester B.E. / B.Tech. Degree Programme shall be required to have a pass in Higher Secondary Examination (Academic 10 + 2) Curriculum or its equivalent examinations with Mathematics.

2.2 The eligibility criteria such as marks, number of attempts and physical fitness shall be as prescribed by the Syndicate of the University from time to time.

2.3 Lateral entry admission

(i) The candidates who possess a Diploma in Engineering / Technology awarded bythe State Board of Technical Education, Tamil Nadu or its equivalent are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech. as per the rules fixed by Government of Tamil Nadu. The eligibility criteria such as discipline of Diploma, marks, number of attempts and physical fitness shall be as prescribed by the Syndicate of the University from time to time.

Such candidates shall undergo the additional courses in the **third and fourth semesters** as prescribed by the Academic Council.

(OR)

(ii) The candidates who possess the Degree in Science (B.Sc.) (10+2+3 stream) with Mathematics as a subject at the B.Sc. Level are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech. The eligibility criteria such as marks, number of attempts and physical fitness shall be as prescribed by the Syndicate of the University from time to time.

Such candidates shall undergo the additional courses in the **third and fourth semesters** as prescribed by the Academic Council.

3. PROGRAMMES OFFERED

A candidate may be admitted to any one of the following programme/ disciplines of study approved by All India Council for Technical Education, New Delhi and affiliated to Anna University, Chennai.

RMKEC Regulations 2024

1. B.E. Civil Engineering

2. B.E. Computer Science and Design

3. B.E. Computer Science and Engineering

4. B.E. Electronics and Communication Engineering

5. B.E. Electronics and Communication (Advanced Communication Technology)

6. B.E. Electronics Engineering (VLSI Design and Technology)

7. B.E. Electrical and Electronics Engineering

8. B.E. Mechanical Engineering

9. B.Tech. Artificial Intelligence and Data Science

10. B.Tech. Computer Science and Business Systems

11. B.Tech. Information Technology

The recommended credit range for each programme is 160 -170.

4. STRUCTURE OF THE PROGRAMMES

4.1 Categorization of Courses

Every B.E. / B. Tech. Programme will have a curriculum with syllabi consisting of theory and practical courses that shall be categorized as follows:

i. **Humanities and Social Sciences including Management Courses (HSMC)** include English for communication, Employability Skills, Engineering Ethics and Human Values and Management courses.

ii. **Basic Science Courses (BSC)** include Mathematics, Physics, Chemistry, Biology, Environmental Science and Sustainability, etc.

iii. **Engineering Science Courses (ESC)** include Engineering Practices, EngineeringDrawing, Basics of Civil / Electrical / Electronics / Mechanical / Computer Engineering, Instrumentation etc.

iv. **Professional Core Courses (PCC)** include the core courses relevant to the chosen specialisation/branch.

v. **Professional Elective Courses (PEC)** include the verticals with elective coursesand elective courses relevant to the chosen specialisation/ branch.

vi. **Open Elective Courses (OEC)** are Multidisciplinary courses that include the courses from Humanities and other disciplines of Engineering and Technology. Students can choose these courses from the list of Open Elective courses specified in the respectivecurriculum. Students may also choose courses from other disciplines fromSwayam/NPTEL platform, including non-engineering courses.

vii. **Employability Enhancement Courses (EEC)** includes Project Work and/or Internship, Career Development Skills, Creative and Innovative Project, Seminar, Professional Practices, Case Study and Industrial/Practical Training.

RMKEC Regulations 2024

viii. **Mandatory Courses (MC)** should be studied compulsorily by all the students irrespective of the programme which includes Induction Program.

ix. **Audit Courses (AC)** include the courses such as Value Education, Yoga, etc.

4.2 Personality and Character Development

All students shall enroll, on admission, in any one of the personality and character development programme (NSS/YRC/UBA/NSO) and undergo training for about 40 hours (20 hours for lateral entry). The training shall include classes on hygiene and health awareness and also training in first aid.

Alternately, activities of science, literature and fine arts also will be helpful for personality and character development. Students shall participate actively in **Student Activity Cell (SAC)** activities.

National Service Scheme (NSS) will have social service activities in and around the Institution.

Youth Red Cross (YRC) will have activities related to social services in and around Institution.

Unnat Bharath Abhiyan (UBA) will have activities related to rural development in and around the Institution under UBA Scheme for the 5 Villages adopted by the Institution.

National Sports Organization (NSO) will have Sports, Games, Drills and Physical exercises.

Students who enroll and take active participation in anyone of the above activities and participate at least, in one event/programme will be given a certificate by the Head of the Institution and the copy of the same shall be forwarded to the Controller of Examinations for publishing in the grade sheet.

4.3 Mandatory Three Week Induction Programme

The students are expected to undergo a mandatory three-week induction programme comprising of physical activity, creative arts, universal human values, proficiency modules, lectures by eminent people, visits to local areas and familiarization to department/branch immediately after admission and also bridge courses will be conducted during the induction programme to bridge the gap between school and the college.

4.4 Number of courses per semester

Each semester, the curriculum shall normally have a blend of Theory courses, Theory courses with laboratory component, Laboratory courses with theory component, Laboratory courses, Employability Enhancement Courses, Mandatory Courses and Audit Courses not exceeding 12. Theory courses and Theory courses with laboratory component put together cannot exceed 6. Each Course shall have credits assigned as per clause 4.5.

4.5 Credit Assignment

Each course is assigned certain number of credits based on the details provided in the below

RMKEC Regulations 2024

Contact Period per Week	Credits
1 Lecture Period	1
1 Tutorial Period	1
1 Laboratory Period (also for EEC courses like Seminar / Project Work / Case study, etc.)	0.5
2 weeks summer industrial Training / Internship	1

4.6 Industrial Visit

Every student is recommended to go for at least one Industrial Visit every semester (Except VIII Semester), starting from the second year of the Programme. The Heads of Department shall ensure that necessary arrangements are made in this regard.

4.7. Summer Industrial Training / Internship

The students may undergo Industrial training for a continuous period as specified in the Curriculum during the summer / winter vacation.
The students may undergo Internship at Research organization / University or Institutions/ industry (after due approval from DCC) for the period prescribed in the curriculum during the summer / winter vacation, in lieu of Industrial training.

4.8. Semester Long Project Work / Industrial Project / Internship

- **In the final semester s**tudents shall undertake a semester long project work in their own discipline to obtain hands-on experience.
- Project work may be assigned to a single student or to a group of students, not exceeding 4 per group with a guide from the same department. However, if the project is of interdisciplinary nature then students from different programmes are permitted to form a group and the guide can be from other department also.
- Students are permitted to undertake a semester long industrial project or semester long internship in an industry / research organization in lieu of the final semester project work, provided the domain of such projects or internships come under the same discipline and approved by DCC and the industry has no objection in submitting the work carried out as a report. This industrial project or internship is apart from the summer industrial training or summer internship, if any.
- If the outcome of the project work is the development of a finished product, then it may lead to a start-up activity.
- The students have to submit a project report or internship report or start-up report on or before the last working day of the semester and the assessment of the same is detailed in clause 10.4.

4.9 Value Added Courses

- Students may optionally undergo Value Added Courses and the credits earned through the Value Added Courses shall be over and above the total credit requirement prescribed in the

RMKEC Regulations 2024

curriculum for the award of the degree. Courses with two/ three credits shall be offered by a Department with the prior approval from the BoS and Academic Council.

- The details of the syllabus, timetable and faculty may be sent to the Head of the Institution after approval from the Departmental Consultative Committee concerned.
- Students shall be allowed to take these courses offered in other Departments also, but with the permission of the Head of the Department of student and Head of the department offering the course.

4.10 Off campus courses and Transfer of Credits

Students are permitted to optionally enroll and study a maximum of one off campus course in each semester starting from III semester till VII semester in physical/online/hybrid mode with the approval of DCC. The successful completion of these courses through any of the above said modes shall be considered in lieu of professional core / professional elective / open elective courses of curriculum as approved by DCC.

4.10.1 Students are permitted to optionally enroll and study these courses through SWAYAM / NPTEL platforms and credit transfer is to be done based on the marks and certificate provided by the NPTEL. The number of credits and transfer of credits are based on the procedure explained in Table 1. DCC shall assign the grades to the students based on their relative performance, if the number students enrolled is more than 30, else grades shall be assigned based on Table 2. The mapping of marks with grades is applicable, only if the student passes the course as per the guidelines of NPTEL.

Table 1: Duration of the course and Number of credits

Sl. No.	No. of Weeks	No. of Credits
1.	4	1
2.	8	2
3.	12	3
4.	16	4

Table 2: Mapping of Marks scored in NPTEL course and Grades

Marks	Letter Grade
90-100	O
80-89	A+
70-79	A
60-69	B+
50-59	B
40-49	C

4.10.2. Students are permitted to optionally enroll and study the courses in physical / hybrid / online modes offered by reputed Central / State funded Universities / Institutions which are in the top 100 positions in the latest NIRF ranking and also conducting examination towards award

RMKEC Regulations 2024

of marks and grades. (NIRF Ranking of any of the last three years with respect to the year in which course is to be registered; NIRF ranking is based on respective stream for professional elective courses and based on any stream for open elective courses).

Students are also permitted to enroll and undergo such courses in Online mode at Universities abroad in top 500 in QS ranking in the last three years.

Students are also permitted to study courses of a particular semester in a University / Institution abroad based on MoU. A learning agreement shall be evolved to map all the courses offered in the programme and the courses offered in University abroad as per the procedure outlined by the Academic Council. The credits earned by the students in the University abroad shall be transferred based on the decision of DCC and approved by the Head of the Institution.

In the case of 4.10.2, the students can enroll for the courses with the approval of DCC only if the course is offered directly by Institution/University and not through the edutech platforms.

4.10.3 Students are also permitted to enroll and study the courses in physical/hybrid mode (not less than 50% in physical mode) / online mode that are offered by (i) National/State funded research institutions/laboratories and (ii) (a) reputed companies (manufacturing or software) related to the programme, and (b) reputed companies involved in transfer of knowledge provided the knowledge transferring company is a spinoff from an Engineering/Technology practicing Industry and sharing the work experience of the respective industry. (c) Knowledge partner industry of the programme. The companies mentioned in 4.10.3 (ii) (a) and the company with which the knowledge transfer company associated in the case of 4.10.3 (ii) (b) should have average annual turnover of more than 200 crores over a period of 5 years. However, the academic content and delivery shall be in consonance with the academic standards and norms.

The minimum qualification of the course instructor from the company as mentioned in shall be B.E./B.Tech with 10 years of research / industrial experience. Such courses shall be offered through MOU between Institution and such institutions/organizations/ companies. The design of the courses with regard to the syllabus content, duration of each course and number of credits offered for each course shall be discussed and recommended by DCC and approved by BoS and Academic Council as per the Regulations.

For the offer of each course under 4.10.3, a course coordinator shall be nominated from the Department who shall coordinate the examination conducted by the research institution/laboratories/industry/company. The passing requirements and the credits shall be decided based on the decision of DCC and approved by the Head of the Institution.

4.11 Mandatory courses

The student study mandatory courses prescribed in the curriculum and it will be mentioned in the Grade Sheet. However, it will not be considered for computation of CGPA.

4.12 Audit courses

The student may optionally study audit courses prescribed in the curriculum and it will be

RMKEC Regulations 2024

mentioned in the Grade Sheet. However, it will not be considered for computation of CGPA.

4.13 Medium of Instruction

The medium of instruction is English for all courses, examinations, seminar presentations and project reports.
The medium of instruction is either Tamil or English for the courses related to Tamil**.**

4.14 B.E. / B. Tech. (Honours) and B.E. / B. Tech. minor with specialisation in another discipline.

(i) B.E / B.Tech. (Hons.)

a. The students should have taken additional courses from a specified group of Professional Electives (vertical) or from any of the verticals of the same programme and earned a minimum of 18 credits.
b. Should have passed all the courses prescribed in the curriculum and additional courses in the first attempt.
c. Should have earned a minimum of 7.50 CGPA taking into account of all the courses prescribed in the curriculum and additional courses.

(ii) B.E./B.Tech. Minor with specialisation in another discipline

The student should have earned additionally a minimum of 18 credits in any one of the verticals offered from other Engineering Disciplines / Science and Humanities / Management.

1. For these 18 credits students can optionally enroll and study a maximum of 6 credits in online mode from SWAYAM-NPTEL platform (in addition to the online courses permitted for courses of curriculum), as approved by DCC.
2. B.E / B.Tech. (Hons.) and B.E./B.Tech. minor with specialisation in another discipline will be optional for students and the students shall be permitted to select any one of them only.
3. <u>For the categories 4.14 (i), the students, including Lateral Entry, shall be permitted to register for the courses from Semester IV onwards provided the students have earned a minimum CGPA of 7.50 until Semester III and have cleared all the courses in the first attempt.</u>
4. <u>For the category 4.14 (ii), the students, including Lateral Entry, will be permitted to register the courses from Semester IV onwards provided the marks earned by the students until Semester III is CGPA 7.50 and above.</u>
5. B.E/B.Tech. (Hons.) or B.E./ B.Tech. Minor shall be offered by the Department irrespective of the number of students enrolled.
6. If a student decides not to opt for Honours, after completing certain number of additional courses, such additional courses studied shall be considered instead of the Professional Elective courses which are part of the curriculum.

   If the student has studied more number of such courses than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA. Remaining courses shall be printed in the gradesheet, however, they will not be considered for calculation of CGPA and the same shall be indicated in a foot note appropriately.

RMKEC Regulations 2024

If the student has failed in the additional courses or faced shortage of attendance, they will not be printed in the grade sheet and will not be considered for CGPA calculation and classification of degree.

7. If a student decides not to opt for Minor, after completing certain number of courses, the additional courses studied shall be considered instead of Open Elective courses which are part of the curriculum.

   If the student has studied more number of such courses than the number of open electives required as per the curriculum, the courses with higher grades shall be considered for calculation of CGPA. Remaining courses shall be printed in the grade sheet, however, they will not be considered for calculation of CGPA and the same shall be indicated in a foot note appropriately.

   If the student has failed in the additional courses or faced shortage of attendance, they will not be printed in the grade sheet and will not be considered for CGPA calculation and classification of degree.

8. The student has to enroll for these additional courses separately and pay a tuition fee for studying these six additional courses and pay additional exam fee.

5 DURATION OF THE PROGRAMMES

5.1 A student is normally expected to complete the B.E. / B.Tech. programme in 4 years (8 Semesters) for HSC students and 3 years (6 semesters) for lateral entry students, but in any case, not more than 7 years (14 Semesters) for HSC students and 6 years (12 semesters) for lateral entry students.

5.2 Each semester shall normally consist of 90 working days (including examination days). The Head of the Department shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus, covering the full content of the syllabus for the course being taught.

5.3 The total duration for completion of the programme reckoned from the commencement of the first semester to which the student was admitted shall not exceed the maximum duration specified in clause 5.1, irrespective of the period of break of study (vide clause 18), or prevention (vide clause 7.4), in order that the student may be eligible for the award of the degree (vide clause 16).

6 COURSE ENROLLMENT AND REGISTRATION

6.1 Each student, on admission, shall be assigned to a Faculty Mentor (vide clause 8), who shall advise and counsel the student about the details of the academic programme and the choice of courses, considering the student's academic background and career objectives.

6.2 After registering for a course, a student shall attend the classes, satisfy the attendance requirements, earn continuous assessment marks and appear for the end semester examinations.

RMKEC Regulations 2024

6.2.1 Each student on admission shall register for **all the courses prescribed in the curriculum in** the student's **first Semester of study.**

6.2.2 The enrollment for all the courses of curriculum from the Semesters II to VIII and additional courses for Honours and Minor from the semesters IV and VIII will commence 5 working days prior to the commencement of the succeeding semester. The courses for Honours and Minor shall be registered separately under additional courses. The student shall enroll for the courses with the guidance of the student's Faculty Mentor. If the student wishes, the student may drop or add courses (vide clause 6.3) within 10 working days after the commencement of the concerned semester and complete the registration process duly authorized by the Course Instructor within 30 days from the commencement of concerned semester. The list of students approved by the respective course instructor shall be final and would be considered for attendance, grades and calculation of CGPA and no changes shall be made thereafter.

6.3 Flexibility to Add or Drop courses

6.3.1 A student has to earn the total number of credits specified in the curriculum of the respective programme of study in order to be eligible to obtain the degree. From the II to VII semesters, the student has the option of registering for additional courses or dropping existing courses in a semester. The total number of credits that a student can add or dropin a semester is limited to 8, subject to a maximum of 2 courses. Maximum number of credits enrolled in a semester (including Shortage of Attendance (SA), Honours and Minor) shall not exceed 36. The online courses registered shall be over and above this 36 credits.

6.3.2 If the student wishes to earn more than the total number of credits prescribed in the curriculum of the student's programme within the minimum duration of the programme, then he/she can enroll for such additional courses in any programme with the permission of Head of the Department to which student belongs and Head of the Department in which the course is offered by paying the examination fee. The credits earned will be neither considered for the computation of CGPA nor for the classification of the degree. The courses successfully completed will be printed in the grade sheet, however if there is shortage of attendance or failure, it shall neither be reflected in the grade sheet nor be considered for classification. Maximum number of credits enrolled in a semester (including SA, Honours and Minor) shall not exceed 36 (except online courses).

6.3.3 Student shall register for Project work / Industrial project work in Semester VIII only.

6.4 Choice of Professional Elective Courses

The professional Elective Courses are listed in the Curriculum in Table format as verticals (Specialisation groups). A student can choose all the Professional Elective Courses either from one of the verticals or a combination of courses from all verticals in a semester. However, students irrespective of enrolling for additional courses for B.E. / B. Tech. (Hons.) are not permitted to choose more than one course from a row. Students are permitted to enroll more than one elective course from the same vertical in a semester. In the subsequent semesters students are permitted to enroll one more course in a row, provided if he/she has cleared the earlier course of the same row. For a professional elective course and open elective course, minimum number of students enrolment permitted shall be 20% of the total strength.

RMKEC Regulations 2024

However, the minimum number is not applicable for students enrolling B.E. / B. Tech. (Hons) and B.E. / B. Tech. Minor. For each professional elective course atleast two choices shall be offered.

6.5 Redoing a Course

Redoing a course means reregistering for a course, attending all classes, fulfilling the attendance requirements as per clause 7, earning fresh Continuous Assessment marks and appearing for the End Semester Examinations. A student has to redo a course as per the following conditions.

6.5.1 If a student is prevented from writing end semester examination of any core course due to lack of attendance, the student has to register for that course again when offered next and redo the course.

6.5.2 If a student is prevented from writing the end semester examination of any professional/open elective course due to lack of attendance, the student can opt to register for the same course again when offered next and redo the course, or he/she can opt to register for a different professional/open elective course when it is offered, attend the classes, fulfill the attendance requirements as per clause 7, secure Continuous Assessment marks and appear for the End Semester Examinations.

6.5.3 If the course in which a student fails to secure a pass is a professional/open elective course, then the student can opt for a different professional/ open elective course, register for the same when it is offered, attend classes, fulfill the attendance requirements as per clause 7, secure Continuous Assessment marks and appear for End Semester Examinations.

6.5.4 A student who fails in Project work shall register for the course again, when offered next, and redo the course. In this case, the student shall attend the reviews and fulfill the attendance requirements as per clause 7.

6.5.5 A student who fails in Seminar / Case Study and Creative and Innovative project, where such other courses are evaluated through 100% continuous assessment, shall register for the same in the subsequent semester and redo the course. In this case, the student shall attend the classes and fulfill the attendance requirements as per clause 7 and earn continuous assessment marks.

6.5.6 The student who fails in summer industrial training / internship shall attend the training / internship again and redo the course with the same organization or different organization with the approval of the HOD.

6.6 Advancement of Courses

The students shall undergo the seventh semester courses in the fifth and sixth semesters, provided they do not have current arrears and have a CGPA of 7.50 and above at the end of Semester IV. The Head of Department, in consultation with the faculty handling the said courses shall forward the proposal recommended by the Head of the Institution to the Controller of Examinations for approval at least 4 weeks before the commencement of the fifth semester of the programme for approval.

RMKEC Regulations 2024

7 REQUIREMENTS FOR APPEARING FOR THE END SEMESTER EXAMINATION OF A COURSE

A student who has fulfilled the following conditions (vide clause 7.1 and 7.2) shall be deemed to have satisfied the attendance requirements for appearing for the end semester examination of a particular course.

7.1 Ideally every student is expected to attend all periods and earn 100% attendance. However, the student shall secure not less than 80% attendance, course wise, taking into account the number of periods required for that course, as specified in the curriculum.

7.2 If a student secures attendance between 65% and less than 79% in any course in the current semester, due to medical reasons (hospitalization / accident / specific illness) or due to participation in the College / University / State / National / International level Sports events, with prior permission from the Chairman of Sports Board and Head of the Department concerned, the student shall be given exemption from the prescribed attendance requirement (75%) and the student shall be permitted to appear for the end semester examination of that course. In all such cases, the students should submit the required documents on joining after the absence to the Head of the Department through the Faculty Advisor. The HOD shall inform the course instructor to provide necessary attendance at the end of semester before finalizing attendance. Producing such documents while finalizing attendance at the end of semester shall not be accepted.

7.3 A student shall normally be permitted to appear for the end semester examination of the course if the student has satisfied the attendance requirements (vide Clause 7.1 – 7.2) and has registered for the examination in those courses of that semester by paying the prescribed fee.

7.4 Students who do not satisfy clause 7.1 and 7.2 and who secure **less than 65%** attendance in a course will not be permitted to write the end semester examination of that course. The student has to register and redo the course when it is offered next as per Clause 6.4. Ifthe course in which the student has been prevented is a professional/ open elective, the student can opt to redo the same course or opt for different professional/ open elective course as per Clause 6.4.2.

7.5 If a student has shortage of attendance in all the registered courses of the current semester as per curriculum, he/she would not be permitted to move to the higher semester and has to repeat the current semester in the subsequent year.

7.6 In the case of reappearance (Arrear) registration for a course (the courses for which redo is not required), the attendance requirement as mentioned in Clauses 7.1 - 7.3 is not applicable. However, the student has to register for the examination in that course by paying the prescribed fee.

7.7 A student who has already appeared for a course in a semester and passed the examination is not entitled to reappear for the same course for improvement of letter grades / marks.

8 FACULTY MENTOR

To help the students in planning their courses of study and for general advice on the academic programme, the Head of the Department of the students will attach a certain number of

RMKEC Regulations 2024

students to a teacher of the Department, who shall function as Faculty Advisor for those students throughout their period of study. The Faculty Advisor shall advise the students in registration and reappearance (Arrear) registration of courses, monitor their attendance and progress and counsel them periodically. If necessary, the Faculty Advisor may also discuss with or inform the parents about the progress / performance of the students concerned. The number of students assigned to a faculty advisor will be decided by the Head of the Department. However, it shall not exceed 30 per faculty advisor.

The responsibilities of the faculty advisor shall be:

- To inform the interpretation of Regulations to the students and their rights and duties.
- To inform code of conduct to be maintained in the campus and disciplinary actions.
- To inform the students about the various facilities and activities available to enhance the student's curricular and co-curricular activities.
- To guide student enrollment and registration of the courses.
- To monitor the academic and general performance of the students including attendance and to counsel them accordingly.
- To collect and maintain the academic and co-curricular records of the students.
- To facilitate and collect student's feedback about the course and course instructor, and the course and programme's exit survey.
- To provide all the details of academic including feedback, training, scholarship,placement and co-curricular and extra-curricular activities of the students to the University through HOD.
- The Mentor shall monitor their attendance, progress and any other problems and counsel them periodically. The Mentor shall discuss/inform to the parents about the progress/performance of the students concerned.

9 COURSE COMMITTEES

9.1 COMMON COURSE COMMITTEE

A theory course handled by more than one teacher shall have a "Common Course Committee", comprising of all teachers teaching that course. One of the teachers shall be nominated as Course Coordinator by the Academic Coordinator duly approved by the Head of the Institutions. The committee shall be constituted by the Head of the Institution within 15 days from the commencement of the semester.

The first meeting of the Common Course Committee shall be held within fifteen days from the date of formation of the committee. The lesson plan, books and references to be followed shall be decided at the first meeting. Two or three subsequent meetings in a semestermay be held at suitable intervals. In addition, the "Common Course Committee" shall meet to ensure uniform evaluation of continuous assessments after arriving at a common scheme of evaluation for the assessments (vide clause 10). Wherever feasible, the common course committee shall prepare a common question paperfor the continuous assessment tests also. The question paper for the end semester examination is common and shall be set by the Course Coordinator, in consultation with all the teachers.

RMKEC Regulations 2024

9.2 CLASS COMMITTEE

9.2.1 Every class shall have a class committee consisting of teachers of the class concerned, student representatives, and a chairperson who is not teaching the class. It is like the 'Quality Circle' (more commonly used in industries) with the overall goal of improving the teaching- learning process. The functions of the class committee include

- Solving problems experienced by students in the classroom and in the laboratories. Clarifying the regulations of the degree programme and the details of rules therein particularly (clause 5 and 7).
- Informing the student representatives, the academic schedule including the dates of assessments and the syllabus coverage for each assessment.
- Informing the student representatives, the details of Regulations regarding weightage used for each assessment. In the case of practical courses (laboratory/drawing/project work/seminar etc.) the breakup of marks for each experiment/exercise/module of work should be clearly discussed in the class committee meeting and informed to the students.
- Analyzing the performance of the students of the class after each test and finding the ways and means of solving problems, if any.
- Identifying the slow learners, if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such slow learners.

9.2.2 The class committee shall be constituted within the first week of each semester.

9.2.3 At least 4 student representatives (usually 2 boys (one dayscholar, one hosteller) and 2girls (one dayscholar, one hosteller)) shall be included in the class committee.

9.2.4 Chairperson of the class committee may invite the Class advisor(s) and the Head of the Department to the class committee meeting.

9.2.5 The Head of the Institution may participate in any class committee of the institution.

9.2.6 The Chairperson is required to prepare the minutes of every meeting, submit the same to Head of the Institution within two days of the meeting and arrange to circulate it among the students and teachers concerned. If there are some points in the minutes requiring action by the management, the same shall be brought to the notice of the Management by the Head of the Institution.

9.2.7 The first meeting of the class committee shall be held within a week from the date of commencement of the semester, to inform the students about the nature and weightage of assessments within the framework of the Regulations. Two or three subsequent meetings may be held in a semester at suitable intervals. During these meetings, the student members representing the entire-class shall meaningfully interact and express the opinions and suggestions of the other students of the class to improve the effectiveness of the teaching-learning process.

9.3 ONLINE FEEDBACK

Online Feedback from students shall be collected for every subject after every unit about the

RMKEC Regulations 2024

faculty for various parameters and the consolidated Feedback Information shall also be conveyed to the concerned faculty member through respective HoD to improve the Teaching Process and other activities of the Faculty members. In addition, at the end of the semester feedback shall be collected for academic and related activities.

10. ASSESSMENT PROCEDURES FOR AWARDING MARKS

10.1 Performance in each course of study shall be evaluated based on

i. Continuous Internal Assessment (CIA) throughout the semester

ii. End Semester Examination (ESE).

iii. The evaluation shall be based on Outcome Based Education (OBE) and the relevant rubrics shall be followed. The weightage for the continuous assessment and end semester examination is given in the table below.

S. No.	Course	Continuous Internal Assessment	End Semester Examination	Total Marks
1	Theory	40	60	100
2	Theory course with laboratory component	50	50	100
3	Laboratory course with theory component	50	50	100
4	Laboratory	60	40	100
5	Project Work	60	40	100
6	Other EEC	100	-	100

10.2 The End Semester Examination (theory, theory course with laboratory component, laboratory course with theory component and laboratory) of 3 hours duration shall ordinarily be conducted between October and December during the odd semesters and between April and June during the even semesters.

10.3 The End Semester Examination for project work shall consist of

i. An evaluation of the final report submitted by the student or students of the project group (of not exceeding 4students) by an external examiner and an internal examiner.

ii. A viva-voce examination conducted separately for each student by a committee consisting of the external examiner, the supervisor of the project group and an internal examiner.

10.4 For the End Semester Examination in theory courses, theory courses with laboratory component, and laboratory courses including project work, the internal and external examiners from Academia or Industry shall be appointed by the Controller of Examinations.

RMKEC Regulations 2024

11. PROCEDURE FOR AWARDING MARKS FOR CONTINUOUS INTERNAL ASSESSMENT

For all theory, theory course with laboratory component, laboratory course with theory component, laboratory courses, and project work the Continuous Internal Assessment shall be awarded as per the procedure given below:

11.1 Theory Courses

Assessment	Portions	Duration	Maximum Marks	Maximum CIA Marks	Weightage
First Internal Assessment Test	2 Units	3 Hours	100 Marks	20 (Average of Best 2 of all 3 tests is converted to 20 marks and rounded off to the nearest integer)	**60%**
Second Internal Assessment Test	2 Units	3 Hours	100 Marks		
Model Examination	5 Units	3 Hours	100 Marks		
Other Assessment	Multiple Choice Questions			5	**40%**
	Assignments			5	
	Mini Project / Others			5	
Attendance				5	
Total Continuous Internal Assessment Marks					**40**

11.2 Laboratory Courses

S. No.	Assessment	Maximum CIA Marks
1.	Completion of Experiments and Evaluation of Laboratory Record	35
2.	Attendance	10
3.	Model Practical Examination	15
Total Continuous Internal Assessment Marks		**60**

11.3 Theory courses with laboratory component/ Laboratory courses with theory component

Weightage of Continuous Internal Assessment and End Semester Examination marks will be 50% each. The distribution of marks for the theory and laboratory components in the Continuous Internal Assessments and End Semester Examination for different types of courses are provided in the table.

L	T	P	C	Continuous Internal Assessment*	End Semester Examination
1	0	4	3	Laboratory (25%) Theory (25%)	Laboratory only (50%)
1	0	2	2	Laboratory (25%) Theory (25%)	Laboratory only (50%)
2	0	2	3	Theory (25%) Laboratory (25%)	Theory (50%)
3	0	2	4	Theory (25%) Laboratory (25%)	Theory (50%)

RMKEC Regulations 2024

3	0	3	4.5	Theory (25%) Laboratory (25%)	Theory (25%) Laboratory (25%)
2	0	4	4	Theory (25%) Laboratory (25%)	Theory (25%) Laboratory (25%)
3	0	4	5	Theory (25%) Laboratory (25%)	Theory (25%) Laboratory (25%)

*The procedure for the conduct of Continuous Internal Assessments for theory and laboratory components shall be as per the clause 11.1 and 11.2 respectively.

The weighted average shall be converted into 50 marks for internal Assessment.

Theory courses with Laboratory component and Laboratory courses with Theory component with different L T P C formats and the weightage of marks for Theory and Laboratory components may be fixed in proportion to lecture and practical contact periods. However, the weightage for internal and end semester examination marks will remain as 50% each.

11.4 Project Work/Semester Long Project

Project work may be allotted to a single student or a group of students not exceeding 4 per group.

The Head of the Department with the approval of the Head of the Institution shall constitute a review committee for project work for their branch of study. There shall be three reviews during the semester by the review committee. The student shall make a presentation on the progress made by him/her before the committee. The total marks obtained in the three reviews for 60 marks and rounded to the nearest integer (as per the scheme given in11.4.1).

11.4.1 The project report shall be submitted as per the approved guidelines as given by the Project Review Committee. Project Report Evaluation and viva-voce examination shall carry 40 marks. Marks are awarded to each student of the project group based on the individual performance in the project report evaluation and viva-voce examination.

Continuous Internal Assessment			**End Semester Examinations**			
Review I	Review II	Review III	Project Report Evaluation and Viva-Voce (40)			
			Project Report		Viva-Voce	
10	20	30	Internal	Supervisor	Internal	External
			10	10	10	10

11.4.2 In the case of industrial projects, the marks allotted for supervisor will be shared equally by the supervisor from the Department and coordinator/Supervisor from company.

Assessment of Semester long industrial project / internship:

The Viva-Voce examination for semester long industrial project or internship shall be based on the report submitted by the student with regard to the work carried out in the industrial project or internship. The students have to produce attendance certificate at the time of reviews. The report shall be certified by mentor from industry, supervisor and HOD.

Projects/internship undertaken externally should have an internal guide and an external guide. Both guides are expected to interact regularly monitoring the progress of the student. For the reviews the external guide should be present atleast in online mode to assess and award marks

RMKEC Regulations 2024

to the student. In the beginning of the project, the internal guide should ensure that the work to be carried out is upto the standard as well as not attracting any IPR issues with the external organization so that the work could be published. The reviews may be conducted in online mode, if the student cannot travel to University to attend the reviews andthis shall be approved by HOD and such reviews have to be recorded. However, the end semester examination has to be conducted in physical mode with the mentor from company present physically or through online. In the final report, the bonafide certificate shall be signed by both the guides mandatorily. However, if any difficulty is encountered in fulfilling this norm then the HoD can initiate remedial action and complete the evaluation requirement with justification and approval of the Head of the Institution.

The Bonafide certificate of the project report shall have the date of viva voce examination and the signatures of the internal and external guides.

11.4.3 If the project report or report of industrial project or internship is not submitted on or before the specified deadline, an extension of time up to a maximum limit of 30 days may be given for the submission of report with due approval obtained from the Head of the Department. If the report is not submitted even beyond the extended time, then the student(s) is deemed to have failed in the Project Work and student has to redo the course again.

11.4.4 For the case where the outcome of the project work carried out by the student(s) is a product and whose concept is tested and validated, then it shall be considered in lieu of the project work. Such students shall submit a start-up report, which includes the concepts and process flow of the developed product, publications and patents, if any**.** The evaluation of the start-up report isas per the clause 11.4.1.

11.5 Other Employability Enhancement Courses

11.5.1 The Continuous Internal Assessment marks (100) for the Softskills / Seminar / Case study / Professional practices / Creative and innovative project/comprehension are calculated as follows.

- Every student is expected to present a minimum of 2 seminars per semester before the evaluation committee appointed by the Head of the Department and for each seminar, marks can be equally apportioned.
- The evaluation committee will evaluate the seminar.

Seminar Paper	Presentation	Viva-Voce	Total Marks
40	40	20	100

11.5.2 The Continuous Internal Assessment marks (100) for the Industrial Training/Internship is calculated as follows.

- At the end of Industrial training/Internship the candidate shall submit a certificate from the organization where he / she has undergone training and a brief report.
- The evaluation will be made based on this report and a Viva-Voce Examination, conducted internally by an evaluation committee appointed by the Head of the Department.

RMKEC Regulations 2024

Industrial training/Internship	Presentation	Viva-Voce	Total Marks
40	40	20	100

11.5.3 The Mini Project shall be evaluated through three reviews as Continuous Internal Assessments.

- The first and second reviews are to be evaluated by an evaluation committee appointed by the Head of the Department which includes the guide and concerned Project Coordinator.
- At the end of the semester, the student shall submit a brief report on the Mini-Project.
- The third review will be conducted based on this report and Viva-Voce examination conducted by the internal committee with the approval of Controller of Examinations.

Review I	Review II	Review III		Total Marks
		Report	Viva-Voce	
25	25	20	30	100

11.5.4 The Continuous Internal Assessment marks (100) for the Interpersonal skills, Psychometric Analysis and Career Development, Innovation and Creativity Skills Development and Aptitude and Coding skills and other courses are calculated based on the attendance and the assessment conducted as per the decision of Head of the Department with the approval of the Head of the Institution.

11.6 Assessment for Value Added Course

- The one / two credit course shall carry 100 marks and shall be evaluated through Continuous Internal Assessments only.
- Two Assessments shall be conducted during the semester by the Department concerned.
- The total marks obtained in the tests shall be reduced to100 marks and rounded to the nearest integer.
- A committee consisting of the Head of the Department, staff handling the course and a senior faculty member nominated by the Head of the Institution shall monitor the evaluation process.
- The list of students along with the marks and the grades earned may be forwarded to the Controller of Examinations for appropriate action at least one month before the commencement of End Semester Examinations.

11.7 Audit/Mandatory courses

The student who secures more than 80% attendance and secures a minimum of 50% marks in Continuous Internal Assessment in the non-credit Mandatory/Audit Course will be mentioned as “Completed” in the grade sheet. However, it will not be considered for computation of CGPA.

11.8 Attendance Record

Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD'

RMKEC Regulations 2024

which consists of attendance marked in each lecture or practical or project work class, the test marks, and the record of class work (topic covered), separately for each course. This should be verified by the Head of the department periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks and attendance. At the end of the semester, the record should be verified by the Head of the Institution who will maintain these details for five years. The Academic Audit Team may verify the records of attendance and assessment of both current and previous semesters.

11.9 Marks for Attendance

Attendance marks (rounded to the nearest integer) for the theory and laboratory courses will be awarded as per the procedure given below:

Attendance %	Theory Courses	Laboratory Courses
97 to100	5	10
93 to96	4	8
89 to92	3	6
85 to88	2	4
80 to84	1	2

11.10 Conduct of Academic Audit by the Department

Every department shall strive for a better performance of the students by conducting the continuous assessments as mentioned in Clause 10 and that is followed by the end semester examination, as the case may be.

The Head of the Department shall arrange to conduct the Academic Audit once in every year for all the courses conducted in the respective semesters through external expert(s) approved by the Head of the Institution.

- In order to ensure the above, Academic Audit is to be done for every course taught during the semester.
- For the continuous assessments conducted for each course (as per details provided in Clause 10), the academic records shall be maintained for the activity based evaluation and assessment test question paper and answer script. Report of industrial training / internship shall also be maintained, if applicable. For laboratory courses the students' record and course coordinator's system of evaluation shall be maintained. Further, the attendance of all students shall be maintained as a record.
- The academic audit shall include verification of all the academic records pertaining to the Regulation in-force, the attendance and assessment record, CO, PO attainment records, student's and course coordinators feedback of the courses, and the overall teaching-learning process based on Bloom's taxonomy. Action shall be taken by HOD based on audit report for continuous improvement. Academic documents of UG degree programmes should be available with the department for 5 years.

RMKEC Regulations 2024

12 REQUIREMENTS FOR APPEARING END SEMESTER EXAMINATIONS

12.1 A candidate shall normally be permitted to appear for the End Semester Examinations for all the courses registered in the current semester (vide Clause 6) if he/she has satisfied the semester completion requirements (subject to Clause 7).

12.2 A candidate who has already appeared for any subject in a semester and passed the examination is not entitled to reappear for the same subject for improvement of grades.

13 PASSING REQUIREMENTS

13.1 A candidate who secures not less than 50% of total marks prescribed for the course [Continuous Internal Assessment + End Semester Examinations] with a minimum of 45% of the marks prescribed for the end-semester Examination, shall be declared to have passed the course and acquired the relevant number of credits. This is applicable for theory courses, theory courses with laboratory component, laboratory courses with theory component and laboratory courses (including project work).

13.2 If a student fails to secure a pass in courses in any semester, he/she is allowed to write Supplementary Arrear Examinations conducted within a period of one month after the publication of results, when the examination is conducted in that course; he/she should continue to register and reappear for the examinations in the failed component only till he/she secures a pass. However, the absentees / the students who got Withdrawal approval for valid reason in any current semester examinations may be permitted to write the supplementary arrear examination conducted within a period of one month after the publication of results is subject to, the valid reason provided by the student and the recommendation by the HoD with approval of the Principal.

13.3 The Continuous Internal Assessment (CIA) marks obtained by the candidate in the current semester (n) shall be retained and carried forward up to the next three consecutive ESEs (n+3) till the candidate secures a pass. However from the $(n+4)^{th}$ ESE onwards, the candidate shall be declared to have passed the examination if he/she secures a minimum of 50% marks prescribed for the End Semester Examinations alone. Conducting Continuous Internal Assessment test and other Assessments for improving CIA marks shall not be permitted from $(n+1)^{th}$ semester onwards.

13.4 The passing requirement for the courses which are assessed only through Continuous Internal Assessments (EEC courses except for project work), is 50% of the Continuous Internal Assessment marks only.

13.5 A student can apply for Photocopy of the student's semester examination answer paper in a theory course and theory course with laboratory component within one week from the declaration of results, on payment of a prescribed fee along with prescribed application to the CoE through the Head of the Institution. A student can apply for review of the student's semester examination answer paper in a theory course and theory courses with laboratory component within one week from the issue of Photocopy of the answer paper, on payment of a prescribed fee along with prescribed application to the CoE through the Head of the

RMKEC Regulations 2024

Institution. The CoE will arrange for the review of the answer paper and the results will be intimated to the student concerned through the Head of the Institution. Review is not permitted for laboratory courses, laboratory courses with theory component and project work.

13.6 Valuation

Double valuation is adopted for all the theory courses through online mode to overcome any subjectivity in single valuation in the End Semester Examinations. So the provision for revaluation does not arise. However, if a student wants to appeal for Photocopy and review of the result in any subjects, he / she can submit a review application to the Institution CoE office. A committee consisting of the Head of the Department, concerned course instructor and a subject expert (Internal / External) nominated by the COE will review and give its recommendations.

13.6.1 If the difference of total marks obtained between two valuations is less than 15 marks, the highest mark among the two valuations will be considered for the award of marks.

13.6.2 If the difference in total marks obtained between two valuations is more than 15 marks, a third valuation is applicable. Out of the three valuations, the highest mark between two nearest marks (the mark obtained in third valuation and the marks obtained nearer to the third valuation out of the first two valuations) shall be considered for the award of marks.

14 AWARD OF LETTER GRADES

14.1 The award of letter grades will be decided using relative/absolute grading principle. The performance of a student will be reported using letter grades, each carrying certain points as shown in the Table.

Letter Grade	Grade Points*
O (Outstanding)	**10**
A+ (Excellent)	**9**
A (Very Good)	**8**
B+ (Good)	**7**
B (Average)	**6**
C (Satisfactory)	**5**
U (Re-appearance)	**0**
SA (Shortage of Attendance)	**0**
WD (Withdrawal)	**0**

‘U’ denotes Reappearance registration is required for that particular course.

‘SA’ denotes shortage of attendance (as per Clause 7) and hence prevented from writing end semester examination.

‘WD’ indicates withdrawal from the course.

14.1.1 Relative Grading

For those students who have passed the course (theory course / laboratory integrated theory

RMKEC Regulations 2024

courses and all EEC except laboratory course / Project Work Course), the relative grading shall be done provided if the strength of students who have met the passing requirements is greater than 30. The marks of those students who have passed only shall be input in the software developed for relative grading. The evolved relative grading method normalizes the results data using the BOX-COX transformation method and computes the grade range for each course separately and awards the grade to each student.

14.1.2 Absolute Grading

In all the courses, if the number of students who have passed the course is less than or equal to 30 then absolute grading shall be followed with the grade range as specified in the Table. For the Project Work / Internship and Laboratory Courses, absolute grading procedure shall be followed as given in the table irrespective of the number of students who have passed the course.

O	**A+**	**A**	**B+**	**B**	**C**	***U***
91 - 100	81 - 90	71 - 80	61 - 70	56 - 60	50 – 55	< 50

14.1.3 If the grade U is given to Theory Courses, Theory courses with laboratory component, Laboratory courses with theory component and laboratory courses it is not required to satisfy the attendance requirements, but has to appear for the End Semester Examination and fulfill the passing requirements to earn a pass in the respective courses.

14.1.4 If the grade U is given to EEC (Employability Enhancement Course) (except Project Work), which are evaluated only through internal assessment, the student shall register for the course again in the subsequent semester, fulfill the passing requirements to earn pass in the course. However, attendance requirement need not be satisfied.

14.2 For the Co-curricular activities such as NSS/ NSO / YRC / Student Activity Cell, a 'completed' remark will appear in the Grade Sheet on successful completion of the same. Every student shall put in a minimum of 80% attendance in the training and attend the camp or events of the Student Activity Cell compulsorily. The training and camp or club events shall be completed during the first year of the programme. However, for valid reasons, the Head of the Institution may permit a student to complete this requirement in the subsequent years. Successful completion of any one of the above co-curricular activities is compulsory for the award of degree.

14.3 The grades O, A+, A, B+, B, C obtained for the one/two credit course (not the part of curriculum) shall figure in the Grade Sheet under the title 'Value Added Courses'. The courses for which the grades obtained are RA, SA will not figure in the Grade Sheet.

14.4 For the students who complete the Mandatory Course satisfying attendance and passing requirements, the title of the Mandatory Course will be mentioned in the Grade Sheet. If the attendance and passing requirements are not satisfied, the student shall register for the mandatory course again in the subsequent semester, to fulfill the passing requirements to

RMKEC Regulations 2024

complete the course, However, attendance requirement need not be satisfied.

14.5 For the students who complete the Audit Course satisfying attendance and passing requirements, the title of the Audit Course will be mentioned in the Grade Sheet. If the attendance and passing requirements are not satisfied, it will not be shown in the Grade Sheet.

15. GPA AND CGPA CALCULATION

15.1 After results are declared, Grade Sheets will be issued to each student which will contain the following details:

- The list of courses of curriculum registered during the semester and the grades scored.
- List of courses studied for Hons., minor and any other additional courses in which the student has passed with the grades under the title additional courses
- The Grade Point Average (GPA) for the semester considering only the courses of curriculum (not the additional courses) and
- The Cumulative Grade Point Average (CGPA) of all courses registered from first semester onwards considering only the courses of curriculum (not the additional courses). However, for the students who have successfully completed the requirements of B.E. / B. Tech. (Hons) and B.E. / B.Tech. Minor vide Clause 4.14, grades scored in the six additional courses shall be taken into account for the computation of CGPA.

During each semester, the list of curricular courses (not the additional courses) registered and the grades scored in each course are used to compute the Grade Point Average (GPA). GPA is the ratio of the sum of the products of the number of credits of curricular courses (not the additional courses) registered and the grade points corresponding to the grades scored in those courses, taken for all the courses, to the sum of the number of credits of all the courses in the semester.

$$GPA/CGPA = \frac{\sum_{i=1}^{n} Ci \times GPi}{\sum_{i=1}^{n} Ci}$$

Where,

- *Ci* is the number of credits assigned to the course
- *GPi* is the point corresponding to the grade obtained for each course
- *n* is the number of all courses successfully cleared during the particular semester in the case of GPA and during all the semesters in the case of CGPA.

CGPA will be calculated in a similar manner, considering all the curricular courses (not the additional courses) enrolled from first semester. “U” and “SA” grades will be excluded for calculating GPA and CGPA.

15.2 Credits earned under value added courses, shall not be considered for calculating the GPA or CGPA**.**

RMKEC Regulations 2024

15.3 If a student studies more number of professional and open electives than required as per the student's programme curriculum (if the student decides not to opt for Hons. and Minor), the calculation of final CGPA shall be as per 4.14.6 and 4.14.7.

15.4 If a student successfully completes all the requirements of the programme and also meets the requirements of B.E. / B. Tech. (Hons) or B.E. / B. Tech. Minor but desires not to opt for the additional qualification, then he/she has to submit a declaration with regard to the same within 30 days before the completion of semester VIII.

15.5 In the consolidated grade sheet the CGPA earned shall be converted into percentage of marks as follows:
Percentage of Marks = CGPA X 10

16. ELIGIBILITY FOR THE AWARD OF DEGREE

16.1. A student shall be declared to be eligible for the award of the B.E. / B.Tech. Degree provided the student has

i. Successfully gained the required number of total credits as specified in the curriculum corresponding to the student's programme within the stipulated time.
ii. Successfully completed the course requirements, appeared for the End-Semester examinations and passed all the courses prescribed in all the 8 semesters within a maximum period of 7 years reckoned from the commencement of the first semester to which the candidate was admitted.
iii. Successfully passed any additional courses prescribed by the Director, Academic Courses.
iv. Successfully completed the NCC / NSS / NSO / YRC requirements.
v. No disciplinary action is pending against the student.
vi. The award of Degree must have been approved by the Syndicate of the University.

16.2. CLASSIFICATION OF THE DEGREE AWARDED

16.2.1 FIRST CLASS WITH DISTINCTION:

A student who satisfies the following conditions shall be declared to have passed the examination in **First class with Distinction**:

- Should have passed the examination of all the courses of all the eight semesters **(Six Semesters for Lateral Entry)** in the student's first appearance within five years (**Four years for Lateral Entry**), which includes authorized break of study of one year. Withdrawal from examination (vide Clause 17) will not be considered as an appearance.
- Should have secured a CGPA of not less than 8.50.
- Should not have been prevented from writing end semester examination in any of thecourses of the Curriculum making up the total credit requirement.
- A student who satisfies norms given in clause 4.14 becomes eligible for classification of the degree with B.E./B.Tech. (Hons) and B.E./B.Tech. minor.

Details are provided in below table.

RMKEC Regulations 2024

Degree (i)	Duration of programme (ii)	Duration permitted (iii)	Additional credits above the requirement of curriculum (iv)	CGPA (v)	Pass in (vi)	Break of study (vii)	Prevention to write end semester examination	Withdrawal from writing end semester examination (viii)
B.E./B.Tech. (Regular)	4 years	5 years	-	8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. Lateral Entry	3 years	4 years	-	8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. (Hons)	3/4 years (Lateral entry, Regular respectively)	4/5 years (Lateral entry, Regular respectively)	18 credits from more than one verticals of the same programme	8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. Minor	3/4 years (Lateral entry, Regular respectively)	4/5 years (Lateral entry, Regular respectively)	18 credits from any one vertical of the other programme	8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt

16.2.2 FIRST CLASS:

A student who satisfies the following conditions shall be declared to have passed the examination in **First class**:

- Should have passed the examination of all the courses of all eight semesters (Six Semester for Lateral Entry) within five years (within Four years for Lateral Entry), which includes one year of authorized break of study (if availed) or prevention from writing the End Semester Examination due to lack of attendance (if applicable).
- Should have secured a CGPA of not less than 6.50.
- A student who satisfies norms given in clause 4.14 becomes eligible for classification of the degree with B.E./B.Tech. (Honours) and B.E./B.Tech. minor.

Details are provided in below table.

RMKEC Regulations 2024

Degree (i)	Duration of programme (ii)	Duration permitted (iii)	Additionalcredits (iv)	CGPA (v)	Pass in(vi)	Break ofstudy (vii)	Prevention to write end semester examination	Withdrawal from writingend semester examination (viii)
B.E./B.Tech. (Regular)	4 years	5 years	-	6.50	-	One year authorised break of study included in the Duration permitted (iii)	Included in theDuration permitted (iii)	-
B.E./B.Tech. Lateral Entry	3 years	4 years	-	6.50	-	One year authorised break of study included in the Duration permitted (iii)	Included in the Duration permitted (iii)	-
B.E./B.Tech. (Hons)	3/4 years (Lateral entry, Regular respectively)	4/5 years (Lateral entry, Regular respectively)	18 credits from more than one verticals of the same programme	7.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered asan attempt
B.E./B.Tech. minor	3/4 years (Lateral entry, Regular respectively)	4/5 years (Lateral entry, Regular respectively)	18 credits from any one verticalof the other programme	6.50	-	One year authorised break of study included in the Duration permitted (iii)	Included in theDuration permitted (iii)	-

16.2.3 SECOND CLASS:

Students who pursue B.E./B.Tech. in Regular mode or lateral entry mode or B.E./B.Tech. minor in specialisation of another discipline and who are not covered in clauses 16.2.1 and 16.2.2 and who qualify for the award of the degree **(**vide Clause 16.1) shall be declared to have passed the examination in **Second Class**.

16.2.4 A student who is absent in the End Semester Examination in a course / project work after having registered for the same shall be considered to have appeared in that examination (except approved withdrawal from end semester examinations as per clause 17) for the purpose of classification.

16.2.5 Student earned additional 18 credits as per Clause 4.14 (i) and (ii) but does not satisfy the conditions mentioned in 16.2.1 or 16.2.2 shall not be awarded B.E./B.Tech.(Hons.) In such case if the student becomes eligible for First Class, while computing CGPA with the PE/OE courses with higher grades the student shall be awarded B.E. / B.Tech. in First Class only.

17. PROVISION FOR WITHDRAWAL FROM EXAMINATION:

17.1 A student may, for valid reasons, (medically unfit / unexpected family situations / sports

RMKEC Regulations 2024

approved by Chairman, sports board and HOD) be granted permission to withdraw from appearing for the end semester examination in any course or courses in **ANY ONE** of the semester examinations during the entire duration of the degree programme. The application shall be sent to the Head of the Institution through the HOD with the required documents.

17.2 Withdrawal application shall be valid only if the student is otherwise eligible to write the examination (Clause 7) and if it is made within TEN working days before/after the commencement of the end semester examination in that course or courses and also recommended by the Head of the Department.

17.3 Notwithstanding the requirement of mandatory TEN working days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.

17.4 If a student withdraws a course or courses from writing end semester examinations, he/she shall register the same in the subsequent semester and write the end semester examination(s).

17.5 Withdrawal shall not be considered as an appearance for deciding the eligibility of a student for First Class with Distinction.

17.6 Withdrawal is permitted for the end semester examinations in the final semester only if the period of study of the student concerned does not exceed 5 years as per clause 16.2.1.

18. BREAK OF STUDY FROM A PROGRAMME

18.1 A student is permitted to go on break of study for a fixed period of one year as a single break in the entire course of study.

18.2 When a student applies for break of study, the student shall apply to the Head of the Institution, not later than the last date of the first assessment period. The application duly filled by the student shall be submitted through the Head of the Department.

18.3 Notwithstanding the requirement of mandatory first assessment period, applications forbreak of study for special cases viz., prolonged hospitalization, accidents will be considered on the merit of the case. The student shall apply to the Head of the Institution through the Head of the Department.

18.4 The students permitted to rejoin the programme after break of study / prevention due to lack of attendance, shall be governed by the Curriculum and Regulations in force at the time of rejoining. The students rejoining in new Regulations shall apply to the Head of the Institution in the prescribed format through the Head of the Department at the beginning of thereadmitted semester itself for prescribing additional/equivalent courses, if any, from any semester of the regulations in-force, so as to bridge the curriculum in-force and the old curriculum.

18.4.1 Total number of credits to be earned by the student shall be more than or equal to the total number of credits prescribed in the curriculum in force. If the credit assigned for L T P of the courses are not same in two Regulations under consideration, then equivalence shall be arrived as per the credit assignment followed in the Regulations in force.

18.5 The total period for completion of the programme reckoned from the commencement of the first semester to which the student was admitted shall not exceed the maximum period specified in clause 5.1 irrespective of the period of break of study, in order that the student

RMKEC Regulations 2024

may be eligible for the award of the degree (vide clause 16).

18.6 In case there is any period of break of study more than the permitted duration of break of study, the student shall be permitted to continue the programme only if the approval is obtained from the Head of the Institution through the concerned HOD before the end of the semester in which the student has taken break of study.

18.7 If a student has not reported to the department for a period of two consecutive semesters without any intimation, the name of the student shall be deleted permanently from the college enrollment. Such students are not entitled to seek readmission under any circumstances.

18.8 If a student in Full Time mode wants to take up job / start-up / entrepreneurship during the period of study he/she shall apply for authorised break of study for one year. The candidate shall take up the assignment only after getting approval of the same by The Director, Centre for Academic Courses.

19. DISCIPLINE

19.1 Every student is required to observe disciplined and decorous behavior both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the Institution / Department. The Head of the Institution shall constitute a disciplinary committee consisting of the Head of the Institution, Head of the department to which the student concerned belongs, and the Head of another department to enquire into acts of indiscipline and notify the University about the disciplinary action recommended for approval. In case of any serious disciplinary action which leads to suspension or dismissal, then a committee shall be constituted by the Registrar of the University for taking a final decision.

19.2 If a student indulges in malpractice in any of the examinations, the student shall be liable for punitive action as prescribed by the University from time to time.

20. REVISION OF REGULATIONS, CURRICULUM AND SYLLABI

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

RMKEC Regulations 2024

R.M.K. ENGINEERING COLLEGE

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AMENDMENTS TO THE REGULATION 2024 FOR B.E./B.Tech. DEGREE PROGRAMME APPROVED 11th ACADEMIC COUNCIL MEETING HELD ON 26.07.2025

<table>
<tr><th>Existing</th><th>Amendments</th></tr>
<tr><td>4.10.1. Students are permitted to optionally enroll and study these courses through SWAYAM / NPTEL platforms and credit transfer is to be done based on the marks and certificate provided by the NPTEL. The number of credits and transfer of credits are based on the procedure explained in Table 1. DCC shall assign the grades to the students based on their relative performance, if the number students enrolled is more than 30, else grades shall be assigned based on Table 2. The mapping of marks with grades is applicable, only if the student passes the course as per the guidelines of NPTEL.

Table 1: Duration of the course and Number of credits
<table>
<tr><th>Sl. No.</th><th>No. of Weeks</th><th>No. of Credits</th></tr>
<tr><td>1.</td><td>4</td><td>1</td></tr>
<tr><td>2.</td><td>8</td><td>2</td></tr>
<tr><td>3.</td><td>12</td><td>3</td></tr>
<tr><td>4.</td><td>16</td><td>4</td></tr>
</table></td><td>4.10.1. Students are permitted to optionally enroll and study these courses through SWAYAM / NPTEL platforms and credit transfer is to be done based on the marks and certificate provided by the NPTEL. The number of credits and transfer of credits are based on the procedure explained in Table 1. DCC shall assign the grades to the students based on their relative performance or else grades shall be assigned based on Table 2. The mapping of marks with grades is applicable, only if the student passes the course as per the guidelines of NPTEL.

Table 2: Mapping of Marks scored in NPTEL course and Grades
<table>
<tr><th>Marks</th><th>Letter Grade</th></tr>
<tr><td>90-100</td><td>O</td></tr>
<tr><td>80-89</td><td>A−</td></tr>
<tr><td>70-79</td><td>A</td></tr>
<tr><td>60-69</td><td>B+</td></tr>
<tr><td>50-59</td><td>B</td></tr>
<tr><td>40-49</td><td>C</td></tr>
</table></td></tr>
<tr><td>2. ADMISSION PROCEDURE
2.3 Lateral entry admission
(i) The candidates who possess a Diploma in Engineering / Technology awarded by the State Board of Technical Education, Tamil Nadu or its equivalent are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech. as per the rules fixed by Government of Tamil Nadu. The</td><td>Along with existing norms, following points are included
• Professionals working in Registered Industry/Organization (Central / State) / Private / Public Limited Company / MSMEs located within 50 km radial distance from the Institute.</td></tr>
</table>

26/7/25

eligibility criteria such as discipline of Diploma, marks, number of attempts and physical fitness shall be as prescribed by the Syndicate of the University from time to time. Such candidates shall undergo the additional courses in the third and fourth semesters as prescribed by the Academic Council. (OR) The candidates who possess the Degree in Science (B.Sc.) (10+2+3 stream) with Mathematics as a subject at the B.Sc. Level are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech. The eligibility criteria such as marks, number of attempts and physical fitness shall be as prescribed by the Syndicate of the University from time to time. Such candidates shall undergo the additional courses in the third and fourth semesters as prescribed by the Academic Council.	Minimum one year Full Time / regular Working Experience.
DURATION OF THE PROGRAMMES 5.1 A student is normally expected to complete the B.E. / B.Tech. programme in 4 years (8 Semesters) for HSC students and 3 years (6 semesters) for lateral entry students, but in any case, not more than 7 years (14 Semesters) for HSC students and 6 years (12 semesters) for lateral entry students.	Same as Lateral Entry to Second Year B.E./B.Tech with a total course duration NOT less than THREE years and shall fulfill the total contact hours as prescribed by the Anna University for completion of duration of the course. Or Same as Lateral Entry to Second Year B.E./B.Tech with at least minimum of one semester extra to fulfill the total contact hours as prescribed by the Affiliating University for completion of duration of the course.
The recommended credit range for each programme is 160 -170.	The recommended credit range for each programme is 160 -170. As per the AICTE Regulation up to 40% (64-68) of credit transfer is permitted through MOOCS / SWAYAM / Other recognized online courses offered by reputed Institution/Industries.

R.M.K. ENGINEERING COLLEGE Kavaraipettai

26/07/25

Principal/Academic Council Chairman

Dr. K.A. MOHAMED JUNAID, M.E.,Ph.D.,
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R.S.M. NAGAR, KAVARAIPETTAI-601 206

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AMENDMENTS TO THE REGULATION 2024 FOR B.E./B.Tech. DEGREE PROGRAMME APPROVED 12th ACADEMIC COUNCIL MEETING HELD ON 11.10.2025

Existing	Amendments
4.14 B.E./B.Tech. Honours (specialisation in the same discipline), B.E./B.Tech. Honours and B.E./B.Tech. Minor in other specialisation. i. B.E / B.Tech. (Hons.) a. The students should have taken additional courses from a specified group of Professional Electives (vertical) or from any of the verticals of the same programme and earned a minimum of 18 credits. b. Should have passed all the courses prescribed in the curriculum and additional courses in the first attempt. Should have earned a minimum of 7.50 CGPA taking into account of all the courses prescribed in the curriculum and additional courses.	4.14 B.E./B.Tech. Honours and B.E./B.Tech. Minor in other specialisation. i. B.E / B.Tech. (Hons.) a. The students should have taken additional courses from a specified group of Professional Electives (vertical) or from any of the verticals of the same programme and earned a minimum of 18 credits. b. Should have passed all the courses prescribed in the curriculum and additional courses in the first attempt. Should have earned a minimum of 7.50 CGPA taking into account of all the courses prescribed in the curriculum and additional courses.
16.2.1 First Class with Distinction A student who satisfies the following conditions shall be declared to have passed the examination in First class with Distinction: • Should have passed the examination of all the courses of all the eight semesters (Six Semesters for Lateral Entry) in the student's first appearance within five years (Four years for Lateral Entry), which includes authorized break of study of one year. Withdrawal from examination (vide Clause 18) will not be considered as an appearance. • Should have secured a CGPA of not less than 8.50. • Should not have been prevented from writing end semester examination in any of the courses of the Curriculum making up the total credit requirement. A student who satisfies norms given in clause 4.12 becomes eligible for classification of the	**16.2.1 First Class with Distinction** A student who satisfies the following conditions shall be declared to have passed the examination in First class with Distinction: • Should have passed the examination of all the courses of all the eight semesters (Six Semesters for Lateral Entry) in the student's first appearance within five years (Four years for Lateral Entry), which includes authorized break of study of one year. Withdrawal from examination (vide Clause 17) will not be considered as an appearance. • Should have secured a CGPA of not less than 8.50(From Regular Curriculum subjects. Excluding honours/minor subjects) • Should not have been prevented from writing end semester examination in any of the courses of the Curriculum making up the total credit requirement. A student who satisfies norms given in clause 4.14 becomes eligible for classification of the

degree with B.E./B.Tech. (Hons) and B.E./B.Tech. minor.	degree with B.E./B.Tech. (Hons) and B.E./B.Tech. minor.
For the categories 4.14 (i) (Honours Degree), the students, including Lateral Entry, shall be permitted to register for the courses from Semester IV onwards provided the students have earned a minimum CGPA of 7.50 until Semester III and have cleared all the courses in the first attempt. For the category 4.14 (ii)(Minor Degree), the students, including Lateral Entry, will be permitted to register the courses from Semester IV onwards provided the marks earned by the students until Semester III is CGPA 7.50 and above.	For the categories 4.14 (i) (Honours Degree), the students, including Lateral Entry, shall be permitted to register for the courses from Semester IV onwards provided the students have earned a minimum CGPA of 7.0 until Semester III and have cleared all the courses in the first attempt. For the category 4.14 (ii)(Minor Degree), the students, including Lateral Entry, will be permitted to register the courses from Semester IV onwards provided the marks earned by the students until Semester III is CGPA 7.0 and above.
Not Available	11.11 Capstone Design Project for Honours Degree I. Capstone Design project provides an opportunity to work in a team to design and develop a product, focusing to evolve solutions for real-time problems, starting from Problem definition, Specification formulation within given constraints, Review of design process and design ideation, Human factors, Market research, Product and patent research, fabrication considerations, Safety and risk assessment, Liability and ethics, Environmental and sustainability considerations, Proof-of-concept methods, Codes and Standards, etc. and finally to test prototype(s). II. A group comprising of 3 to 6 students, spread over minimum of two departments and maximum of three departments, shall opt for Capstone Design Project in 'THREE PHASES' from IV to VI semester, in addition to the courses as prescribed in the curriculum. It is mandatory that students from at least TWO departments shall be a part of the project group. III. A Mentor shall be identified by the students from any one of the participating Department. Head of the Department of the Mentor's Department with approval of the Head of the Institution, shall constitute a Project Review Committee (PRC) consisting of Mentor, one faculty – from the

	department of the students (other than the Mentor's Department) in the group and one expert from industry in the relevant field. Student shall also identify Co-Mentor(s) from the participating department(s). IV. During the Capstone Design Project, the student groups are encouraged to participate in events such as Hackathon, Industrial Expo to showcase and pitch their inventions. V. Permitted to do in Industry (Knowledge partner) and/or CoE laboratories for two to four weeks. VI. Evaluation of Capstone Design Project is by continuous assessment (Three periodical reviews) in each semester by the PRC and Viva-voce examination at the end of each semester. Viva-Voce examination shall be conducted with panel of Internal examiners (PRC) and ONE external examiner. Weightage for Continuous assessment is 60% and for project report evaluation along with Viva-voce examination is 40%. Every student in the group shall secure a minimum 45% of marks in Project report evaluation & viva-voce examination and also obtain a 50% of total marks in the Continuous assessments + (Project report evaluation & viva-voce examination) for getting 'PASS' in the particular phase of Capstone Design Project. Upon successful completion of the particular phase, the students shall be allowed to proceed to the next phase. In case, if any student in the group is not able to secure 'PASS' as prescribed above, the student shall discontinue from the Capstone Design Project and shall not associate with the Capstone Design Project furthermore.
Not Available	4.15 One of the three activities, 'National Service Scheme (NSS) / Youth Red Cross (YRC) / Unnat Bharat Abhiyan (UBA)', is a mandatory requirement during the first year of the programme as an audit course. (i). The choice shall be solely based on the decision of the student at the time of admission and no change shall be permitted at a later stage. These activities are normally conducted during off-working hours and weekends and are designed to build character and to sensitize the students to social / national development. Camp for each

	activity shall be conducted. Training period and camp duration shall be decided by the respective unit, from time to time. These activities shall not carry any credits.
Not Available	4.16 'Physical Education – I' and 'Physical Education – II', are offered under non credit Audit Course category, in order to inculcate the sportsmanship and improve students' overall fitness of the students for active lifestyles. Students' performance shall be evaluated only through various activities and intramural competitions.

Principal/Academic Council Chairman

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AMENDMENTS TO THE REGULATION 2024 FOR B.E., /B.TECH. DEGREE PROGRAMME APPROVED 13th ACADEMIC COUNCIL MEETING HELD ON 20.05.2026

Existing	Amendments
1. Aptitude and Coding Skills I (24CS511) – III Semester 2. Aptitude and Coding Skills II (24CS611) – IV Semester	Conduct of the courses and both continuous assessment and the end semester examination will be conducted as per the existing regulations. The results will be published for both the courses together at the end of IV semester under the subject name Aptitude and Coding Skills (24CS411R)
1. Advanced Aptitude and Coding Skills I (24CS511) – V Semester 2. Advanced Aptitude and Coding Skills II (24CS611) – VI Semester	Conduct of the courses and both continuous assessment and the end semester examination will be conducted as per the existing regulations. The results will be published for both the courses together at the end of VI semester under the subject name Advanced Aptitude and Coding Skills (24CS611R)
1. Professional Communication – I (24HS511) – V Semester 2. Professional Communication – II (24HS611) – VI Semester	Conduct of the courses and both continuous assessment and the end semester examination will be conducted as per the existing regulations. The results will be published for both the courses together at the end of VI semester under the subject name Professional Communication (24HS611R)
14.1.1 Relative Grading For those students who have passed the course (theory course / laboratory integrated theory courses and all EEC except laboratory course / Project Work Course), the relative grading shall be done provided if the strength of students who have met the passing requirements is greater than 30. The marks of those students who have passed only shall be input in the software developed for relative grading. The evolved relative grading method normalizes the results data using the BOX-COX transformation method and computes the grade range for each course separately and awards the grade to each student	**Absolute Grading:** As per letter dated Letter No. AU/CAC/Absolute. Grading/ 02 / 2025 – 26, dated 27.03.2026, the absolute grading system shall be followed for the evaluation and passing of results for all the UG / PG students, who have joined from the academic year 2025 – 2026 onwards instead of 2026 - 2027 in Autonomous colleges affiliated to Anna University. The other conditions such as passing requirement, absolute grading, award of letter grades and classification of degree will be as prescribed by Anna University.

	Self-Learning Course (SLC) (i). Students shall undergo 'ONE' SLC in the entire programme as prescribed in the respective curriculum of UG Programmes. This course shall not be a part of any other course prescribed in the respective UG curriculum, but should be relevant to engineering and technology. (ii). Students shall opt for the courses offered by SWAYAM / NPTEL as well as State / Central funded Institutions OR Research Laboratories, which are in the top 25 positions in the latest NIRF ranking OR Foreign Universities within QS 500 rankings OR list of EduTech firms approved by the University, from time to time. The learning platform should have a clear process of awarding grades / marks to the students. (iii). Students shall submit a request with a maximum of three interested SLCs to the Head of the Department concerned along with the details of course contents, Name & Affiliation of the instructor, Mode of evaluation, etc., at least 'ONE MONTH' before the end of the ongoing semester, for undergoing SLC in the subsequent semester. List of proposed SLC shall be placed in the DCC for consideration. The recommended proposals shall be forwarded to the Controller of Examination through the Head of the Institution. In case the SLC undergone by the student fetches more than one credit, only one credit shall be taken for computation of CGPA, upon successful completion of the course.
	Industry Oriented Course (IOC) (i). There shall be 'TWO' Industry Oriented Course (IOC) to be successfully completed by student, as prescribed in the respective curriculum. Students shall also be permitted to register for these courses offered by other departments, provided the student has fulfilled the necessary pre-requisites of the course being offered. (ii). Proposal for conduct of IOC shall be submitted by the respective department to the Head of the Institution during the commencement of each

	semester for conducting IOC(s) in the subsequent semester, as per the curriculum. (iii). Course content of IOC shall be framed by the identified industrial expert in consultation with the department concerned. A faculty member shall be nominated as coordinator by the respective Department. Content shall be of trans / multidisciplinary in nature, with practical applications such as case studies, standards, certifications, etc. (iv). The proposal shall contain a brief introduction about the expert, title of the course, lesson plan for 15 hours, tentative schedule of the classes and pre-requisite(s), if any, for the students to undergo the IOC. (v). The received proposals shall be placed before the DCC by the Head of the Department and with recommendations of DCC, proposal(s) shall be forwarded, within 15 days before the last working day of the ongoing semester to the Controller of Examination. List of approved IOCs shall be widely published among the students through the website and other official media of the Institution, before the last examination date of the ongoing semester. Approved IOCs shall be offered in the subsequent semester. (vi). Classes shall be conducted by the industry expert or trained faculty members through physical / hybrid mode and slot for these courses shall be allotted depending on the availability of the expert in regular timetable, before or after the working hours. However, time slots on Saturdays may also be judiciously decided by the respective Head of the Institution, depending on the convenience of the students and expert. For all sessions, the coordinator shall attend the classes along with the students. Attendance register for IOC shall be maintained by the Coordinator. (vii). Classes for IOC shall be held in the Institute premises and the practical classes or case studies / project, if any shall be conducted at the Institute /

	Industry, which shall be decided by the Industry Expert in consultation with the Coordinator. (viii). Performance of the students shall be evaluated only through continuous assessments, with 'TWO' IEs viz. First IE in mid-term of the course and second IE at the end of the course. These IEs have equal weightage. Mode of assessment can be Quiz, Multiple Choice Questions, Descriptive type, Assignments, Projects, etc., and it is at the discretion of Industrial Expert and Coordinator. End Semester Examinations shall not be conducted for IOC course. (ix). Students shall also be permitted to attend the IOCs as 'Value Added Courses' over and above the two mandatory IOCs. The result(s) of such VACs shall be printed in the Grade sheet and the credit acquired shall not be considered for computation of CGPA. (x). At the end of each IOC, students' feedback shall be obtained and reviewed by the respective Head of the Department, for further refinement of the course.

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