

# Regulations for Full Time and Part Time PG candidates admitted during the academic year 2012 - 2013 and onwards

#### 1. ADMISSION REQUIREMENTS

- 1.1 Candidates for admission to the first semester of the Master's Degree Programme shall be required to have passed an appropriate Degree Examination of Anna University or any other examination of any University or authority accepted as equivalent thereto.
- 1.2 Eligibility conditions for admission such as class obtained, number of attempts in qualifying examination and physical fitness will be as prescribed from time to time
- 1.3 All Part-Time candidates should satisfy other conditions regarding experience, Sponsorship etc., which may be prescribed from time to time.
- 1.4 A candidate seeking admission to Part-Time mode of study, shall have his/her permanent place of work within a distance of 90 km from the study campus of the College / Institution. Any other conditions as notified by the Government of Tamil Nadu.

## 2. PROGRAMMES OFFERED, MODE OF STUDY AND ADMISSION REQUIREMENTS

## 2.1 P.G. PROGRAMMES OFFERED:

- M.E. Structural Engineering
- M.E. Environmental Engineering
- M.E GeoTechnical Engineering
- M.E. Engineering Design
- M.E. Manufacturing Engineering
- M.E. Thermal Engineering
- M.E. Power Systems Engineering
- M.E. Power Electronics and Drives
- M.E. Applied Electronics
- M.E. VLSI Design
- M.E. Computer Science and Engineering

#### 2.2. MODES OF STUDY:

## 2.2.1 Full-Time

Candidates admitted under 'Full-Time' should be available in the College/ Institution/University during the complete working hours for curricular, co-curricular and extra-curricular activities assigned to them.

## 2.2.2 Part Time - Day Time

In this mode of study, the candidates are required to attend classes on every working day, along with Full time students for half-a-day, either in Forenoon or in Afternoon.

2.2.3 A full time student who has completed all non-project subjects desiring to do the Project work (only Project- II) in Part-time mode for valid reasons, shall apply to the Chairman, Board of Examinations through the Head of the Department, if the student satisfies the clause 1.4 of this Regulations. Permission may be granted based on merits of the case. Such conversion is not permitted in the middle of a semester.

2.2.4 A part time student is not permitted to convert to the full time mode of Study.

#### 3. DURATION AND STRUCTURE OF THE P.G. PROGRAMMES

3.1 The minimum and maximum period for completion of the P.G. Programmes are given below:

| Programme        | Min. No. of Semesters | Max. No. of Semesters |
|------------------|-----------------------|-----------------------|
| M.E. (Full Time) | 4                     | 8                     |
| M.E. (Part Time) | 6                     | 12                    |

- 3.2 The P.G. Programmes will consist of:
  - Core subjects
  - Elective subjects
  - Project work/ thesis/ Dissertation
  - The Programme will also include design projects / planning projects / seminars / practicals /practical training, if they are specified in the Curriculum.
- 3.3 The Curriculum and Syllabi of all the P.G. Programmes shall be approved by the Academic Council.
- 3.4 A student shall pass all the subjects specified in the curriculum of the programme for the successful completion of the programme.
- 3.5 Each semester shall normally consist of 90 working days or 450 hours or 540 periods of 50 minutes duration for full-time mode of study or 270 periods for part-time mode of study. The Head of the Institution shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the subject being taught. End-Semester Examination will ordinarily follow immediately after the last working day of the semester.
- 3.6 The maximum marks assigned to different subjects shall be as given below:
- i. Each of the theory subjects (excluding project work) shall carry maximum of 100 marks out of which the internal assessment will carry 25 marks while the end semester Examination will carry 75 marks. The Practical classes for all the Practical / Lab component subjects will be assessed continuously and marks will be entered in the prescribed proforma. The progress of Practical Classes will be monitored by a committee formed by the concerned Head of the Departments/Professor in-charge of the Programme to ensure that the Concerned staff conducts the laboratory experiments as specified in the syllabus. The proforma should be submitted at the end of each month for Principal's /Chairman, Board of Examinations approval. The maximum marks for the Practical/Lab component courses shall be 100, out of which the continuous internal assessment will carry 25 marks, while the end semester practical examination will carry 75 marks. The award of the end semester practical examination marks shall be conducted by both the Internal and External examiners.

- ii. The project report / Thesis / Dissertation of M.E. programme, during Project- I, will be evaluated based on the report and a viva-voce examination by an Internal Examiner and an External Examiner.
- iii. The project work / Thesis / Dissertation of M.E. programme, during Project- II, will be evaluated based on the Project Report and a viva-voce examination by a team consisting of the supervisor / Internal Examiner and an External Examiner for each specialization.
- 3.6.2 The electives from the curriculum are to be chosen with the approval of the Head of the Department.
- 3.6.3 A candidate may be permitted by the Head of the Department to choose one or two subjects from P.G. Programmes offered from other departments in the college/ institution during the period of his/her study, provided the Head of the Department offering such course also agrees and there is no clash in the time-table for the lecture classes.

#### 3.7. PROJECT WORK/THESIS/DISSERTATION

- 3.7.1 Project work / Thesis / Dissertation shall be carried out under the supervision of a qualified teacher in the concerned Department.
- 3.7.2 A candidate may, however, in certain cases, be permitted to work on the project in an Industrial/Research Organization, on the recommendations of Head of the Department, with the approval of the Head of the Institution. In such cases, the Project work (in Project-II) shall be jointly supervised by a supervisor of the department and an Engineer/ Scientist from the Organization and the student shall be instructed to meet the supervisor periodically and to attend the review committee meetings for evaluating the progress.
- 3.7.3 The Project work / Thesis / Dissertation (Project-II) shall be pursued for a minimum of 16 weeks during the final semester from the last date of the semester examination for both Full Time and Part Time candidates.
- 3.7.4 The Project Report/ Thesis/ Dissertation report/ Drawings prepared according to approved guidelines and duly signed by the supervisor(s) and the Head of the Department shall be submitted at the end of the IV semester in the case of Full Time candidates and VI semester in the case of Part Time candidates. The last date for the submission of Thesis (Project-II) will be six months (minimum period) from the reopening date of IV sem for FTME/VI Sem For PTME. However, in exceptional cases, based on the recommendation of the Professor-incharge of the Programme the Chairman, Academic Council can permit an extension of time not exceeding 31 days. If a candidate submits the project report/thesis report/dissertation after the specified deadline, he/she is deemed to have failed in the Project Work/Thesis/Dissertation and shall reenroll for the same in a subsequent semester.
- 3.7.5 Every candidate doing M.E. shall, based on his/her project work/ thesis/ dissertation, should send a paper for publication in a journal or a conference in which full papers are published after usual review. An acknowledgement for having communicated to the journal or a certificate for having presented the paper in a conference shall be attached to the report of the project work/ thesis/ dissertation.
- 3.8 A student who has passed in all the subjects prescribed in the curriculum for the award of the degree shall not be permitted to re-enroll to improve his/her marks in a subject or the aggregate marks.

3.9 The medium of instruction, in examination, seminar and project/thesis/dissertation reports is English.

#### 4. FACULTYADVISER

To help the students in planning their subjects of study and for general advice on the academic programme, the Head of the Department of the student will attach a certain number of students to a teacher of the Department who shall function as Faculty Adviser for those students throughout their period of study. Such Faculty Adviser shall advise the students and monitor the subjects taken by the students, check the attendance and progress of the students attached to him/her and counsel them periodically. If necessary, the faculty adviser may also discuss with or inform the parents about the progress of the students.

#### 5. CLASS COMMITTEE

- 5.1 A Class Committee consists of teachers of the concerned class, 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 class room and in the laboratories
  - Clarifying the regulations of the degree programme and the details of rules therein
  - 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 the weightage used for
    each assessment. In the case of practical subjects (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 weak students, if any and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students.
- 5.2 The class committee for a class under a particular specialization is normally constituted by the head of the department. However, if the students of different specializations are mixed in a class, the class committee is to be constituted by the Head of the Institution.
- 5.3 The class committee shall be constituted on the first working day of any semester or earlier.
- 5.4 At least 2 student representatives (usually 1 boy and 1 girl) shall be included in the class committee.
- 5.5 The chairperson of the class committee may invite the Faculty adviser(s) and the Head of the department to the meeting of the class committee.
- 5.6 The Head of the institution may participate in any class committee of the institution.
- 5.7 The chairperson is required to prepare the minutes of every meeting, submit the same to the Head of the Institution within two days of the meeting and arrange to circulate among the concerned students and teachers. 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.

5.8 The first meeting of the class committee shall be held within one week from the date of commencement of the semester, in order 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 at suitable intervals. During these meetings the student members representing the entire class, shall meaningfully interact and express the opinions and suggestions of the class students to improve the effectiveness of the teaching-learning process.

#### 6. COURSE COMMITTEE FOR COMMON SUBJECTS

Each common theory subjects offered to more than one group of students shall have a "Course Committee" comprising all the teachers teaching the common subjects with one of them as nominated as Course Coordinator. The nomination of the course Coordinator shall be made by the Head of the Department/ Head of the institution depending upon whether all the teachers teaching the common subjects belong to a single department or to several departments. The 'Course committee' shall meet as often as possible and ensure uniform evaluation of the tests and arrive at a common scheme of evaluation for the tests. Wherever it is feasible, the course committee may also prepare a common question paper for the test(s).

## 7. PROCEDURES FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

7.1 Every teacher is required to maintain a 'ATTENDANCE AND ASSESSMENT RECORD' 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 subject. This should be submitted to 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. The Head of the department will put his signature and date after due verification. At the end of the semester, the record should be verified by the Head of the institution who will keep this document in safe custody (for five years).

#### 7.2 Theory Subjects [25 marks]:

## (a). Unit Tests [60% weight]

Three tests each carrying fifty (50) marks shall be conducted by the Department / Institution. The total marks obtained in all the tests put together out of 150, shall be reduced to 60 marks and rounded to nearest integer (this implies equal weight to all the three tests). However a retest at the discretion of the Head of the Department may be conducted for the deserving candidates.

## (b). Assignment [30% weight]

Three Assignments requiring work of average 5 to 6 hours of study and written work of average 5 to 6 hours, each carried out by a student in a separate assignment folder, duly indexed with headings, date of submission, marks, remarks and signature of faculty with date etc.

#### (c). Attendance [10% weight]

A maximum 10 marks for attendance out of 100 marks shall be given to each student depending on his/her attendance percentage as per the distribution given below:

Attendance (10 Marks)

| ercentage of attendance |              | Marks |
|-------------------------|--------------|-------|
|                         | 75 and Below | 0     |
|                         | 76 - 80      | 2     |
|                         | 81 - 84      | 4     |
|                         | 85 - 89      | 6     |
|                         | 90 - 94      | 8     |
|                         | 95 and above | 10    |

The Internal marks are valid for two more attempts in addition to the current attempt for the candidates admitted from the academic year 2009 - 2010 and onwards. If a candidate scores 50% of marks only in the end semester examination, after three attempts (First attempt + two more attempts), he/she would be declared as a passed candidate in that examination.

# 7.3 Practical Subjects [25 marks]

Every practical exercise / experiment shall be evaluated based on conduct of exercise / experiment and records maintained. There shall be atleast one test. The criteria for arriving the internal assessment marks are:

Experiment / Record / Average Practical classes performance : 50% weight

Practical Test : 40% weight

Attendance : 10% weight

Total 100 marks should be reduced to 25 marks

The Internal marks are valid for two more attempts in addition to the current attempt for the candidates admitted from the academic year 2009 - 2010 and onwards. If a candidate scores 50% of marks only in the end semester examination, after three attempts (First attempt + two more attempts), he/she would be declared as a passed candidate in that examination.

## 7.4 Theory subjects with Laboratory Component

#### (a). Unit Tests [60% weight]:

If there is a theory subject with Laboratory component, there shall be three tests; the first two tests (each 50 Marks) will be from theory portions and third test (maximum mark 50) will be for laboratory component. The total 150 marks should be reduced to 60 marks. However a re-test at the discretion of the Head of the Department may be conducted for the deserving candidates.

## (b). Assignment [30% weight]:

Three Assignments requiring work of average 5 to 6 hours of study and written work of average 5 to 6 hours, each carried out by a student in a separate assignment folder, duly indexed with headings, date of submission, marks, remarks and signature of faculty with date etc.

## (c). Attendance [10% weight]:

A maximum of 10 marks for attendance out of 100 marks shall be given to each student depending on his/her attendance percentage as per the distribution given below:

| Percentage of attendance | Marks |
|--------------------------|-------|
| 75 and Below             | 0     |
| 76-80                    | 2     |
| 81 - 84                  | 4     |
| 85 - 89                  | 6     |
| 90 - 94                  | 8     |
| 95 and above             | 10    |

The Internal marks are valid for two more attempts in addition to the current attempt for the candidates admitted from the academic year 2009 - 2010 and onwards. If a candidate scores 50% of marks only in the end semester examination, after three attempts (First attempt + two more attempts), he/she would be declared as a passed candidate in that examination.

#### 7.5 Project Work:

There shall be three assessments for Project – I(50 marks) and four assessments for Project -II (100 marks) during the third and fourth semesters for Fulltime ME Candidates & fifth and sixth semesters for Part Time ME candidates by a review committee and guide. The student shall make presentation on the progress made before the committee. The Head of the Institution shall constitute the review committee for each branch of study. The internal assessment marks for (1) Project-I is 50 marks & (2) Project-II is 100 marks.

The Internal marks are valid for two more attempts in addition to the current attempt for the candidates admitted from the academic year 2009 - 2010 and onwards. If a candidate scores 50% of marks only in the end semester examination, after three attempts (First attempt + two more attempts), he/she would be declared as a passed candidate in that examination.

## 8. REQUIREMENTS FOR COMPLETION OF A SEMESTER

- 8.1 A candidate who has fulfilled the following conditions shall be deemed to have satisfied the requirements for completion of a semester.
  - i. He / She secures not less than 75% of attendance in the number of working days during that semester, provided that it shall be open to Chairman of the Academic Council or any authority delegated with such powers (by the governing body) to grant exemption (based on the recommendation of the Head of the Department ) to a candidate who has failed to secure 75% of the attendance for valid reasons and has secured not less than 66% of the attendance. Such exemptions can be allowed only ONCE during his/her entire course of study.
  - ii Candidates representing University in State / National / International / Inter University Sports events with prior permission from the Head of Institution are given exemption of 10% in attendance and such candidates shall be permitted to sit for the current semester examination.
  - iii His/Her conduct is found to be satisfactory as certified by the Head of the Department.
  - iv. Condonation can be allowed only ONCE during his / her entire course of study.

8.2 Candidates who do not complete the semester (as per clause 8.1), will not be permitted to write the endsemester examination and are not permitted to go to next semester. They are required to repeat the incomplete semester in the next academic year after getting the necessary permission from the authorities.

#### 9. REQUIREMENTS FOR APPEARING FOR SEMESTER EXAMINATIONS

A Candidate shall normally be permitted to appear for the semester examination of the current semester if he/she has satisfied the semester completion requirements (Subject to Clause 8.1) and has registered for examination in all subjects of that semester. Registration is mandatory for all arrear subjects along with current semester subjects, failing which the candidate will not be permitted to move to the higher semester.

#### 10. END SEMESTER EXAMINATION

- 10.1 There shall be one end-semester examination of 3 hours duration in each lecture based subject.
- 10.2 The project report / Thesis / Dissertation of M.E. programme, during Project- I, will be evaluated based on the report and a viva-voce examination by an Internal Examiner and an External Examiner.
- 10.3 The project work / Thesis / Dissertation of M.E. programme, during Project-II, will be evaluated based on the Project Report and a viva-voce examination by a team consisting of the supervisor / Internal Examiner and an External Examiner for each specialization.

The following will be the weightages for different subjects.

## Lecture or Lecture cum Tutorial based subjects:

Internal Assessment -25% Semester Examination -75%

## Laboratory based subjects

Internal Assessment -25% Semester Examination -75%

#### **Project work**

Internal Assessment - 25%

## **Evaluation of Project Report**

By External Examiner -30% Viva Voce Examination -45% (by both internal & External Examiners)

## (i) For PROJECT-I [Maximum Marks: 200]

Internal Assessment - 50 Marks [Guide: 50% Committee: 50%]

Semester Examination -150 Marks [Evaluation : 60 Marks, Viva-Voce : 90 Marks]

## (ii) For PROJECT-II [Maximum Marks: 400]

Internal Assessment - 100 Marks [Guide: 50% Committee: 50%]

Semester Examination - 300 Marks [Evaluation: 120 Marks, Viva-Voce: 180 Marks]

#### 11. PASSING REQUIREMENTS

- 11.1 For each subject the examination will be conducted for 100 Marks. A candidate who secures not less than 50% of the total marks in the End Semester examination and Internal Assessment put together in both theory and practical subjects, including Project work, subject to securing a minimum of 50% in the End Semester examination, wherever applicable, shall be declared to have passed the examination in that subject. When the mark secured for 100 is converted to 75, for a pass minimum 37 marks must be secured.
- 11.2 If a candidate fails to secure a pass in a particular subject it is mandatory that he/she shall register and reappear for the examination in that subject during the next semester when examination is conducted in that subject; he/she should continue to register and reappear for the examination till he / she secures a pass.

#### 12. MALPRACTICE

If a student indulges in malpractice in any of the end semester examinations, he / she shall be liable for punitive action as prescribed by the Anna University, Chennai from time to time.

#### 13. ELIGIBILITY FOR THE AWARD OF THE MASTER'S DEGREE

- 13.1 A student shall be declared eligible for the award of the degree if he/she has
  - i. successfully passed all the subjects as specified by the curriculum corresponding to his/her programme within the stipulated time.
  - ii. no disciplinary action is pending against him/her.
- 13.2 The award of the degree must have been approved by the Syndicate.
- 13.3 The Minimum credit to be earned to get a PG(FT/PT) degree is 60.

#### 14. ISSUE OF GRADE SHEETS

Individual grade sheet for each semester will be issued, containing the following information through the Head of the Department concerned, after the publication of the results.

- i) The credits obtained in each subject in internal assessment and end semester examination and total credits obtained for each subject.
- ii) Whether the candidate has passed / failed in the subjects concerned.

# 15. CLASSIFICATION OF THE DEGREE AWARDED

15.1 A candidate who qualifies for the Degree (vide clause 13) by passing the examination in all subjects of the entire Programme in first attempt within the specified minimum number of semesters securing a CGPA of not less than 8.00 shall be declared to have passed the examination for the degree in FIRST CLASS WITH DISTINCTION. For this purpose the withdrawal from examination (vide clause 16) will not be construed as an appearance. Further, the authorized break of study (vide clause 17(iii)) will not be counted for the purpose of classification.

- 15.2 A candidate who qualifies for the award of the Degree (vide clause 13) having passed the examinations in all the subjects of the course within the specified minimum number of semesters reckoned from his/her commencement of study plus one year securing a CGPA of not less than 6.50 shall be declared to have passed the examination for the degree in **FIRST CLASS**. For this purpose, the authorized break of study (vide clause 17(iii)) will not be counted for the purpose of classification.
- 15.3 All other candidates (not covered in clauses 15.1 and 15.2) who qualify for the award of the degree (vide Clause 13) shall be declared to have passed the examination in Second Class.
- 15.4 A candidate who is absent in semester examination in a subject / project work after having enrolled for the same shall be considered to have appeared in that examination for the purpose of classification.

## 16. PROVISION FOR WITHDRAWAL FROM EXAMINATION

A candidate may, for valid reasons be granted permission to withdraw from appearing for any subject or subjects of only one semester examination during the entire duration of the degree programme. Also only one application for withdrawal is permitted for that semester examination in which withdrawal is sought.

Withdrawal application shall be valid only if the candidate is otherwise eligible to write the examination and if it is made prior to the commencement of the last examination in that semester and duly recommended by the Head of the Department and approved by the Head of the Institution. Withdrawal shall not be construed as appearance for the eligibility of a candidate for the purpose of classification vide clause 15.1 and 15.2.

- (i) "withdrawal application is to be made within TEN days prior to the commencement of the examination".
- (ii) "Withdrawal is NOT permitted for arrears examinations of the previous semesters".
- (iii) Notwithstanding the requirement of mandatory TEN days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.

## 17. AUTHORIZED BREAK OF STUDY FROM A PROGRAMME

- i. Break of study shall be granted only once for valid reasons (on medical grounds only) for a maximum of one year during the entire period of study of the degree programme. However, in extraordinary situation the candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. If a candidate intends to temporarily discontinue the programme in the middle of the semester for valid reasons and rejoin the programme in a later semester, permission may be granted based on the merits of the case provided he/she applies to the Head of the Institution with recommendation from the concerned HOD in advance, but not later than the last date for registering for the end semester examination of the semester in question, through the Head of the Department stating the reasons therefore and the probable date of rejoining the programme.
- ii. However if the candidate has not completed the first semester of the programme, break of study will be considered only on valid medical reasons. The candidate permitted to rejoin the programme after the break shall be governed by the rules and regulations in force at the time of rejoining. Such candidates may have to do additional subjects prescribed by the Academic Council, if the regulation is changed.

- iii. The authorized break of study will not be counted for the duration specified for passing all the courses for the purpose of classification vide Clause 15.1 and 15.2.
- iv. The total period for completion of the programme reckoned from, the commencement of the first semester to which the candidate wasadmitted shall not exceed the maximum period specified in clause 3 irrespective of the period of break of study in order that he/ she may be eligible for the award of the degree (vide clause 13).
- v. If any student is detained for want of requisite attendance, progress and good conduct, the period spent in that semester shall not be considered as permitted 'Break of Study' and Clause 17(iii) is not applicable for this case.

#### 18. REVALUATION

- i. Copies of answer script for theory subject(s) can be obtained from the office of the Controller of Examinations on payment of a prescribed fee specified for this purpose through proper application.
- ii. A candidate can apply for revaluation of his/her semester examination answer paper in a theory course, within a week from the declaration of results, on payment of a prescribed fee through proper application to the Office of the Controller of Examinations, as per the norms given by the Chairman, Academic Council, Revaluation is not permitted for Practical Courses and for Project work.
- iii. Challenge Revaluation is permitted for those students who have applied for photocopy of answer script. The copy of the answer script is to be valued by a competent authority and the valued script should be submitted to COE's office along with the prescribed fee for challenging revaluation.

# 19. RANK OF A STUDENT

A candidate who qualifies for the Degree by passing the examination in all subjects of the entire Programme in first attempt within a period of four consecutive academic years from the date of admission to the Programme can be given his/her position in the class as rank. The Rank is determined from I Semester to IV Semester for Full Time and from I Semester to VI Semester for part Time end semester examination CGPA. Students transferred from other institutions to GCT are not eligible for rank.

#### 20. PROCEDURE FOR USING SCRIBER

If a candidate is physically handicapped (in case of accidents / ill health) at the time of examination, then he / she may be permitted to use a scriber to write the examination. In such case 30 minutes extra time will be permitted. The Scriber shall be a non-engineering student / graduate.

# 21. INDUSTRIAL VISIT

Every student is required to undergo one Industrial visit, starting from the first semester of the Programme. Every teacher shall take the students atleast for one industrial visit in a semester.

## 22. DISCIPLINE

Every student is required to observe disciplined and decorous behaviour both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the University / College . In the event an act of indiscipline being reported, the Principal shall constitute a disciplinary committee consisting of three Heads of Departments of which one should be from the faculty of the student, to enquire into acts of any discipline. The disciplinary action is subject to review by the University in case the student represents to the University. Any expulsion of the student from the college shall be with prior concurrence from Director of Technical Education/University.

#### 23. CREDIT SYSTEM

The letter grade and the grade point are awarded based on percentage of marks secured by a candidate in individual subject as detailed below:

| Range of Total Marks | Letter Grade | Grade Points (GP) |
|----------------------|--------------|-------------------|
| 90 to 100            | S            | 10                |
| 80 to 89             | A            | 9                 |
| 70 to 79             | В            | 8                 |
| 60 to 69             | С            | 7                 |
| 55 to 59             | D            | 6                 |
| 50 to 54             | Е            | 5                 |
| 0 to 49              | U            | 0                 |
| Incomplete           | I            | 0                 |
| Withdrawal           | W            | 0                 |

<sup>&</sup>quot;U" denotes failure in the subject.

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

- The list of subjects enrolled during the semester and the grades scored.
- The Grade Point Average (GPA) for the semester and
- The Cumulative Grade Point Average (CGPA) of all subjects enrolled from first semester onwards.

GPA is the ratio of the sum of the products of the number of credits of subjects registered and the points corresponding to the grades scored in those subjects, taken for all the subjects, to the sum of the number of credits of all the subjects in the semester.

$$GPA = \frac{Sum of [C \times GP]}{Sum of C}$$

where C - credit of a particular subject

GP - grade point obtained by the student in the respective subject.

<sup>&</sup>quot;I" denotes incomplete as per clause 8.1 and hence prevention from writing End Semester Examination.

<sup>&</sup>quot;W" denotes withdrawal from the subject.

<sup>&</sup>quot;RA" Reappearance denotes failure in the subject.

<sup>&</sup>quot;AB" Absent.

CGPA will be calculated in a similar manner, considering all the subjects enrolled from first semester. "U", "I" and "W" grades will be excluded for calculating GPA and CGPA.

Each subject is normally assigned certain number of credits with 1 credit per lecture period per week, 1 credit per tutorial period per week, 1 credit for 2 periods of laboratory or practical or seminar or project work per week (2 credits for 3 or 4 periods of practical). However, the performance of a student is evaluated only based on the Credit system

## 24. REVISION OF REGULATION AND CURRICULUAM

The college may from time to time revise, amend or change the regulations, scheme of examinations and syllabus, if found necessary.