

THE UNIVERSITY OF BURDWAN

University Regulations relating to Two Year M E (Masters of Engineering) Courses of Studies

(Effective from the academic session 2012-2014 onwards)

P. G. Reg.1 (Engg.) Admission and Registration

Admission of General Students in:-

1) Master of Electronics and Instrumentation Engineering: Any candidate who has passed the B.E/B.Tech degree Examination in Electronics and communication Engg. / Electronics and Telecommunication Engg. / Radio Physics and Electronics/ Applied Electronics and Instrumentation Engg./ Electronics and Instrumentation Engg. / Instrumentation Engg. / Instrumentation and control Engg. / Electronics and Electrical Engineering. with at least 60% marks in aggregate may be admitted to the First Year (First Semester) of the two year Degree Course leading to Master of Engineering (M E) degree in Engineering/ Technology of this University subject to fulfilment of usual norms of medical fitness criterion and may be registered with the University as per the University ordinances relating to the Registration of Students.

2) Master of Computer Science and Engineering : Any candidate who has passed the B.E/B.Tech degree Examination in Computer Science and engineering/ Information Technology/ Computer Science/ MSc (Computer Sc / IT) / MCA with at least 60% marks in aggregate may be admitted to the First Year (First Semester) of the two year Degree Course leading to Master of Engineering (M E) degree in Engineering/ Technology of this University subject to fulfilment of usual norms of medical fitness criterion and may be registered with the University as per the University ordinances relating to the Registration of Students.

N.B. :- Their Roll may be started with ME then Year of admission, followed by Department code{1(CSE)/ 2 (ECE)}, then by Program Code (00) and class serial no.

		Year of admission				CSE/ECE		Prg. Code			Class Roll	
M	E	Y	Y	Y	Y	1/2	0	0	0	0	1	

P. G. Reg.2 (Engg.) Duration of the Course

(i) The 2 year Course as stated in P.G.Reg.1 ((Engg.) shall be divided into 4 independent Semesters with two semesters (Odd Semester - July to December and Even Semester - January to June) in one academic year.

(ii) The number of teaching weeks in each semester shall be at least 18 with a minimum of 90 teaching days excluding the period of final examinations.

(iii) Academic calendar indicating all major events of an academic session must be published before the start of academic session.

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- P. G. Reg.3**
(Engg.)
Branches of studies
- The subjects prescribed in the ME Examinations and the Credit Units for each Subject is to be shown in the Curriculum for the Two Year Master of Engineering Courses. Every candidate for the ME Examinations shall be examined in the Subjects mentioned in the Curriculum under respective heads. The Degree of Master of Engineering shall be conferred on students who have followed the prescribed curriculum of suitable subjects for not less than 4 academic semesters in any one of the following branches and have successfully passed the Examinations:
- i) Master of Engineering in Computer Science and Engineering.
 - ii) Master of Engineering in Electronics and Instrumentation Engineering.
- P. G. Reg.4**
(Engg.)
Semester system
- There shall be Four separate regular examinations for the Degree of Master of Engineering (M.E.), Viz.
- (i) First semester Regular Examinations.
 - (ii) Second semester Regular Examinations.
 - (iii) Third semester Regular Examinations.
 - (iv) Fourth semester Regular Examinations.
- Each such regular examination will be held at the end of each semester. The date and venue shall be notified by the Controller of Examinations of the University of Burdwan.
- P. G. Reg.5**
(Engg.)
Class attendance
- (i) A candidate may be allowed to appear at a semester examination provided he / she has been certified by the Principal of the College/Institute to have prosecuted a regular course of study prescribed for the purpose for that academic semester and found eligible to appear at the examination.
 - (ii) A candidate must attain a minimum of 75% average attendance of all the theory and practical classes held during the session. A candidate may be allowed to appear in the semester examinations with a minimum of 60% average attendance under sufficient medical ground or grounds like participation in cultural, sports, other academic (like attending vocational training, etc) or official assignments in the interest of the Institution / University / Government with the satisfaction of the authority against payment of the condonation fee as per University Rules.
 - (iii) Attendance in individual subjects, not more than two, must not fall below 50% even when the average attendance reaches minimum 60% or

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above. If any candidate fails to attain these requisite criteria then he/she will not be allowed to appear in the whole semester examination.

(iv) Any candidate having attendance in sessional papers below 60% may be barred from appearing for the whole semester examination and may be allowed to take fresh admission for that semester in the next academic Year.

(v) No candidate can appear in next semester without appearing at the previous Semester.

P. G. Reg.6 (Engg.)

Issue of
admit
card for
examinations

Admit card for an examination will be issued to a candidate provided:-

(i) He / She is registered with the University.

(ii) He / She has prosecuted the prescribed course of study.

(iii) He / She is eligible for regular or back paper examination (as the case may be) as per P.G.Reg 5 (Engg.) of the Regulation.

(iv) His / Her application for appearing in the examination and certificate from the Principal in prescribed form with stipulated fees have been deposited within the prescribed date to be notified by the Controller of Examinations. The fees will be prescribed and may be revised by the University from time to time.

P. G. Reg.7 (Engg.)

Pass marks

In order to pass in any of the semester examinations, a candidate must have to obtain 40% of the full marks in each of the theoretical subjects and 50% of the full marks in each of the sessional and practical subjects individually.

In order to qualify any Semester Examination no separate min aggregate marks will be required.

P. G. Reg.8 (Engg.)

Back paper
examinations

The unsuccessful candidates of regular examinations will appear in the Regular Exam in the next academic year as back paper candidates, if otherwise eligible.

P. G. Reg.9 (Engg.)

If a candidate fails to clear not more than two theory papers he/she will have to appear in those back (un-cleared) subjects as back paper candidate along with other back paper(s) in other semester(s) if any in the next academic session, if otherwise eligible.

However they can continue as regular candidates up to fourth semester along with back paper(s) of any semester.

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N.B.:- A candidate having back paper in more than two subjects or having back papers in any one Sessional / Practical Papers may be concluded as Failed for that semester.

Without qualifying the previous semester the candidate will be rendered ineligible for the next semester.

P. G. Reg.10 A candidate has to pass in all the papers of the First to Fourth Semester within Four academic Years from the date of his / her admission to the First semester of the Two Year M.E courses of Engineering of this University, failing which he / she will be debarred from continuing his / her studies and appearing at the final examinations.
(Engg.)
Maximum duration

P. G. Reg.11 Marks obtained by a candidate in ‘Continuous Assessment (CA)’ (i.e. 20 marks out of 100 in theory subjects) during attending regular semester classes will remain unchanged and be brought forward in the subsequent examination of the concerned subject if otherwise declared failed. The CA marks (20) may be given according to evaluation of Assignments given time to time or Class test whichever is preferred by the Subject teacher.
(Engg.)
CA Marks

P. G. Reg.12 To be entitled to the degree of Master of Engineering in any branch a candidate has to pass separately all the papers of all semester examinations of particular branch.
(Engg.)
Degree awarded

P. G. Reg.13 (i) In each Semester Examination every theoretical subject paper will have full marks of 80 and duration of 3 Hrs.
(Engg.)
Issue of Marksheets
(ii) The no. of questions set will be 1.6 times the number of questions to be answered in each theoretical subject paper.
(iii) For every Semester examination separate Mark sheet indicating the candidate’s performance, academic session and date of publication of result will be issued.
(iv) When a candidate passes all the subjects of a semester in more than one attempt, he/she will be issued a comprehensive Mark sheet indicating that he/she has passed all the subjects in that semester.

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P. G. Reg.14
(Engg.)
Credit System,
SCPA

Weightage of a subject will be expressed in terms of Credit Units as mentioned in the Curriculum for Two Yr. M.E. Course. One contact hour per week in the form of Lecture, Tutorial or Practical will be counted as one Credit Unit for both Theory and Sessional subject. The final Viva voce examination which does not have any contact hour is given Credit Units based on the respective curriculum. The overall performance of a student in a semester will be expressed in terms of weighted percentage of marks called 'Semester Credit Point Average (SCPA)'. The percentage of marks obtained in each subject (Theory, Practical and Sessional) will be multiplied by its Credit Unit to obtain the Credit Point in the subject. The Credit Point of all the subjects in a semester will be added to obtain the total Credit Point in a semester. The total Credit point will then be divided by the sum of the Credit Units of all the subjects in the semester, to arrive at the SCPA scored by a candidate in the semester.

P. G. Reg.15
(Engg.)
Award of
degree

While awarding M E degree, the final assessment of a student's performance will be done on the basis of the 'Total Credit Point Average' (TCPA) to be calculated as follows:

For the Total Credit Point Average (TCPA) the average of all the SCPA scored by a candidate in each of the four semesters are taken.

N. B. Both SCPA and TCPA are percentage marks.

P. G. Reg.16
(Engg.)
Class of
degree and
honours

A candidate who has qualified all the subjects of all the four Semesters of the Course of Study will be awarded the following Class:

(i) First Class	: $TCPA \geq 66.7$
(ii) Second Class	: $50 \leq TCPA < 66.7$
(iii) Fail	: $TCPA < 50$

N.B:-Though the Class and the rank will be determined by the TCPA, the result should also show the actual % of marks obtained along with TCPA.

P. G. Reg.17 (i) The TCPA results of 4th Semester Examination of those candidates, who

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(Engg.)
Year of
passing of
final
Examination

will not qualify their previous semester examination, will be published as 'SNC' i.e. Semester(s) not cleared and their TCPA mark sheets will not be issued.

(ii) If a candidate after qualifying his/her final (4th) semester examination, clears his/her back Semester(s) Examination(s) within the prescribed chance(s), he/she would be declared to have passed the final examination in the year in which he/she clears his/her back Semester(s) Examination(s) and their TCPA mark sheets will be issued accordingly.

P. G. Reg.18
(Engg.)

Post-
Publication
Scrutiny of
answer scripts

1. Post publication scrutiny does not imply re-examination or re-assessment of scripts but involves verification of scripts and records to ascertain

(a) Marks have been assigned to each of the required number of answers made by an examinee as per instructions printed on the question paper

(b) Totalling of marks awarded by the examiners on the scripts / mark slips, as the case may be, has correctly be done

(c) Posting of marks has been made correctly from

(i) Answer scripts to mark slips

(ii) Mark slips to tabulation sheets and

(iii) Tabulation sheets to mark-sheets.

2. There shall be no Post-Publication Scrutiny of Practical / Sessional Papers.

3. A candidate applying for post publication scrutiny of his / her answer-scripts shall have to accept the change in marks, if any, after post publication scrutiny.

P. G. Reg.19
(Engg.)

If any dispute arises as to the interpretation, intention or application of any of the provision of these Regulations or any matter not covered by these regulations, the decision of the Executive Council in this regard shall be final and binding.

P.G. Reg. 20
Incomplete
project

If a Student fails to complete the project work within the stipulated period of one year, he/ she may be allowed another six months' extension to complete the same, subject to the recommendation of the concerned Head of the Department and submission of a requisite **condonation fees equivalent to the examination fee of the Semester concerned.** In the event of his or her failure to complete the project work by that period, he/ she will be considered disqualified from the course.

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P.G Reg. 21 If any student receives an appointment in any educational institute or industrial concern during the 4th semester of the course, he/ she may be allowed to complete the project work within the period stipulated for the purpose subject to his/her production of a no objection certificate from the employer concerned and payment of a suitable **condonation fee as applicable**

Rules Related to Examination of Two year M E (Master of Engineering) Courses of Studies

P. G. Rule 1 (i) In case of practical papers, the 100 full marks to be distributed as follows:
Process of awarding marks in practical / sessional examinations

Class performance: 40%
Regular report preparation: 10%
Final examination: 40%
Teacher's own discretion: 10%

(ii) In case of sessional papers (like project, seminar etc), the 100 full marks to be distributed as follows normally:

Project		Seminar	
Regular Performance.	30%	Report Preparation.	40%
Report Preparation.	30%	Final Presentation.	60%
Final Examination.	40%		

(iii) In case of sessional papers (like grand viva etc), the 100 full marks to be distributed as follows:

Final examination: 100%

N.B:- If a candidate fails to appear for the final exam in any of the above

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mentioned Papers i.e. Practical and seminar papers, He/She will be declared Failed for the subject.

P. G. Rule 3 Examination procedures:

Examination procedure

(i) The recommendations of the Board of studies of the Engineering Faculty in connection with the names of the paper-setters, Moderators, Examiners & Scrutineers etc are to be made in a prescribed format to be provided by the Engineering cell of the Controller of Examinations' Department.

(ii) After the completion of assessment works within the stipulated period, the concerned examiners are required to submit the marks after assessment of answer- scripts of the respective subjects to the concerned Head Examiner where there would be a Head Examiner and the Head Examiner should submit the same before the Engineering Cell of the Controller of Examinations' Department after the scrutiny.

(iii) The scrutiny of the answer – scripts is to be held in two phases. The first one is at the stage of Pre-publication of results and the next one at Post-publication of results on submission of usual fees and forms. The concerned Head Examiner of the respective subjects is required to scrutinize at least 5% of the answer-scripts before the publication of results. For the purpose a teacher other than the Examiner(s) of the concerned subject is generally to be given the assignment to perform the job of the pre publication Scrutiny works under the supervision of Head Examiner whereas post-publication scrutiny should be made by the person as to be appointed by the Controller of Examinations with prior approval of the Vice-Chancellor / Pro Vice-Chancellor.

P. G. Rule 4

Post publication scrutiny

The application of the Post Publication Scrutiny duly filled in and signed is to be submitted normally within 10 days (as to be notified by the Controller of Examinations) from the date of issue of mark sheets to the office of the Controller of Examinations.

P. G. Rule 5

Role of Head Examiners

(i) Just after completion of the examination the Head Examiner should take necessary initiative so that the answer scripts of the relevant subject/paper are distributed among the examiner(s) concerned for assessment.

(ii) The Examiners should have to assess the answer scripts immediately after the completion of the examination of the paper/subject and submit the assessed answer scripts along with award slip duly signed by him/her to the

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Head Examiner concerned for processing. Marks should not be sent to the office of the Controller of Examinations by the examiner where there is a Head Examiner.

(iv) Head examiners shall re-evaluate at least 5% of the answer scripts examined by the examiner concerned. In case, variation of award of marks is found to be more than 10%, the matter may be brought into notice of the Controller of Examinations and the Chairpersons of the Board of Under graduate studies concerned for further decision, if any.

(v) Head Examiners shall submit all the marks of examinations (after collecting from concerned Subject Teacher/Head/In-charge of the Department) duly signed by the examiner, head examiner and scrutinizer, if any.

The CA marks Should be Submitted to the Engg. Cell, C.E's Dept, B.U by the head examiner, duly signed only by the subject teacher concerned.

(vi) On the basis of requisition as to be made by the Controller of Examinations the Head Examiner shall have to make necessary arrangement for sending the answer scripts in sealed cover to the office of Controller of Examination for Post Publication Scrutiny works. The Head examiner may re-check the answer scripts before sending the same to the office of the Controller of Examinations for post publication scrutiny works.

(vii) Any discrepancy in this regard must be brought into the notice of the Controller of examinations.

(viii) Head examiner shall return all the answer scripts to the Controller of examinations after one year from the publication of results.