

**NATIONAL INSTITUTE OF TECHNOLOGY**

**AGARTALA**



**DRAFT RULES AND REGULATION OF  
BS – MS DUAL DEGREE PROGRAMME  
IN  
PHYSICS, CHEMISTRY AND MATHEMATICS**

**2013-2014**

# **Academic Regulations for BS- MS Dual Degree Programme in Physics, Chemistry and mathematics**

## **1. ORDINANCE**

- 1.1 The provisions of these regulations shall be applicable to all 4years BS &5 years MS programmes offered by the Institute.
- 1.2 A student becomes eligible for the award of the **BS-MS dual degree** after fulfilling all the academic and non-academic requirements prescribed by the Senate of the Institute.
- 1.3 Notwithstanding all that has been stated in the regulations, the Senate has the right to modify/relax any of the regulations from time to time.

## **REGULATIONS FOR THE BS- MS Dual Degree Programme**

### **2. ACADEMIC CALENDAR**

- 2.1 Each academic session is divided into two semesters of approximately 18 weeks duration: an odd semester (July–December) and an even semester (January–June).
- 2.2 Classes of all the semester will start at 9.30 am and end at 5.30 pm with break in between. The institute follows 5-day week.
- 2.3 The senate approves schedule of academic activities for a session inclusive of dates of registration, mid-semester and end-semester examinations, inter-semester breaks etc. All these shall be laid down in the Academic Calendar for the session.

### **3. ADMISSION**

- 3.1 Admission to NIT, Agartala is made in accordance with the instructions received from the Ministry of Human Resources Development (MHRD), Government of India from time to time subject to approval of Senate. Seats are reserved for candidates belonging to scheduled castes and scheduled tribes, physically handicapped candidates and children of defense personnel, other backward communities and other minorities as per the guidelines issued from MHRD.
- 3.2 Admission to the course is made in the odd semester of each session at the first year level on the basis of score of the candidate in Joint Entrance Examination (JEE) conducted by the Central Board of Secondary Education (CBSE) or performance in the admission test to be conducted by the Institute. Additional channel of taking lateral entry students through JAM should be explored.
- 3.3 If, at any time after admission, it is found that a candidate has not fulfilled all the requirements stipulated in the offer of admission, the Dean of Academic Affairs may revoke the admission of the candidate and report the matter to the Senate.

3.4 The Institute reserves the right to cancel the admission of any student and ask him/her to discontinue his/her studies at any stage of his/her career on the grounds of unsatisfactory academic performance as per clause or indiscipline conduct.

### **Fee Structure:**

Sl. No.	Particulars	First Semester Fee (Rs.)	2 <sup>nd</sup> , 4 <sup>th</sup> , 6 <sup>th</sup> , 8 <sup>th</sup> and 10 <sup>th</sup> Semester Fee (Rs.)	3 <sup>rd</sup> , 5 <sup>th</sup> , 7 <sup>th</sup> and 9 <sup>th</sup> Semester Fee (Rs.)
1.	Admission	1000.0	0.0	0.0
1	Tuition fee	1000.00	1000.0	1000.0
	All other fee	1000.0	1000.0	1000.0
2	Institute Development fee (one time)	5000.00	0.0	0.0
	Laboratory Fee (Physics/Chemistry)	1000.0	1000.0	1000.0
3	Medical Insurance and OPD facility fees (per annum)	1200.0	0.0	1200.0
4.	Caution Money (Refundable)	2000.0	0.0	0.0
	RF ID fee	200.0	0.0	0.0
5.	Grade Card	500.00	500.00	500.00
	Total	12900.0	3500.0	4700.0

## **4. RESIDENCE**

4.1 All students shall be required to reside in and be members of the hostels to which they are assigned at the time of registration. Only in exceptional circumstances a student may be permitted to change from one hostel to another.

4.2 Under special circumstances, the Director/Dean of Academic Affairs may permit a student to reside with his/her Parent/Guardian in the Institute Campus or within a reasonable distance from the Institute. Such a student shall however be attached to a hostel and will be required to pay seat rent according to rules and Hostel establishment charges fixed by the Institute. However, this permission may be withdrawn at the discretion of the Institute, at any time considered appropriate by the Director/Dean (Academic), without assigning any reason.

4.3 Married student is to be treated as normal student for the hostel accommodation.

4.4 All students must abide by the rules and regulations of the hostel as may be framed from time to time by the Board of Hostel Management with the approval of Senate.

## **5. ATTENDANCE**

5.1 It is expected that all the students will attend all the lecture, tutorial, laboratory, practical and workshop classes in each subject. A student, will not be allowed to appear at the Mid /End semester examination if the attendance falls below 75% in a subject and he/she will be awarded (Fail) “FA” grade in that subject.

In Extra-Academic Activities (EAC), i.e., NCC, NSS, NSO etc. a student must attend at least 75% of the total classes. The students are also to attend 75% of classes in camps and some other activities/ programmes notified from time to time.

## **5.2 Leave of Absence**

- (a) If the period of leave is for a short duration (less than two weeks), prior application for leave shall have to be submitted to the Head of the Department concerned stating fully the reasons of the leave along with supporting document(s). Such leave will be granted by the Head of the Department.
  - (b) Absence for a period not exceeding two weeks in a semester due to sickness or any other unavoidable reason for which prior application could not be made by the student may be condoned by the Head of the Department provided he/she is satisfied with the explanation.
  - (c) If the period of absence exceeds two weeks, prior application for grant of leave will have to be submitted to the Dean of Academic Affairs with supporting documents through the Head of the Department in each case. The decision to grant leave shall be taken by the Dean of Academic Affairs on the recommendation of the Head of the Department.
  - (d) The Dean of Academic Affairs may, on receipt of an application also decide whether the student be asked to withdraw from the course for that particular semester because of long absence.
  - (e) The leave of absence as per paras 5.2 (a) to (c) will not be condoned for attendance.
- 5.3 It will be the responsibility of the student to intimate the warden of the hostel in which he/she is residing, and the concerned instructor(s) about his/her absence before availing the leave.
- 5.4 In exceptional circumstances, the Dean of Academic Affairs in consultation with the Chairman, Senate may relax any of the above requirements.

## **6. CONDUCT AND DISCIPLINE**

6.1 The conduct of the students inside and outside the premises of the Institute shall be befitting the students of an institution of national importance.

- 6.2 As per the order of the Hon'ble Supreme Court of India, ragging in any form is banned. Acts of ragging will be considered as a gross indiscipline and will be severely dealt with.
- 6.3 The following acts of omission and/or commission on the part of any student(s) shall constitute gross violation of the code of conduct and will invoke disciplinary measures:
- (a) Ragging
  - (b) Lack of courtesy and decorum; indecent behavior anywhere within or outside the campus.
  - (c) Willful damage or stealthy removal of any property/belongings of the Institute/Hostel or of fellow students.
  - (d) Possession, consumption or distribution of alcoholic drinks or any kind of hallucinogenic drugs.
  - (e) Mutilation or unauthorized possession of library books.
  - (f) Noisy and unseemly behavior, disturbing studies of fellow students.
  - (g) Hacking in computer systems (such as entering other person's area without prior permission, manipulation and/or damage of computer hardware and software etc.)
  - (h) Any other act of gross indiscipline.
- Commensurate with the gravity of the offence, the punishment may be reprimand, fine, expulsion from the hostel, debarment from an examination, rustication for a specified period or even outright expulsion from the Institute.
- 6.4 For an offence committed in (a) a hostel (b) a Department or in a classroom and (c) elsewhere, the Warden, the Head of the Department and the Dean of Student Affairs, respectively, shall have the authority to reprimand or impose fine.
- All cases involving punishment other than reprimand shall be reported to the Chairman, Students Disciplinary Committee.
- 6.5 All major acts of indiscipline, which may have serious implications on the general body of students, and/or which may warrant a uniform and more formalized nature of investigation, shall be handled by the Students Disciplinary Committee, appointed by the Senate.
- 6.6 Cases of adoption of unfair means in an examination shall be reported to the Dean of Academic Affairs for taking appropriate action. The action will be as follows :-
- If any student is found adopting unfair means in and out-side the Examination Hall he/she shall be expelled for the examination(s) in which he/ she is found adopting unfair means.
- 6.7 In the event of a major punishment (i.e. academic suspension and or rustication from the institute) , the aggrieved party shall have the right to appeal to Chairman, Senate.

## 7. COURSE STRUCTURE

- 7.1 Teaching of the courses shall be reckoned in credits. Credits are assigned to the courses based on the following general pattern:
- 1(one) credit for each lecture period of one hour.
  - 1(one) credit for each tutorial period of one hour.
  - 2(two) credits for each Laboratory or Practical or Project session of three hours.
- 7.2 In order to qualify for a BS-MS dual degree programme of the Institute, a student is required to complete the credit requirement as prescribed in the curriculum for a particular programme. **The minimum credit requirements for a BS programme will be 140 and maximum credit requirements is 160. The minimum credit requirements for a MS programme will be 180 and a maximum credit requirement is 200.**
- 7.3 No semester will normally have more than **25 credits (including theory laboratory and seasonal)** .
- 7.4 In addition to the prescribed credit requirement a student shall have to complete the requirements of Extra Academic Activities (EAA) in one of the first 4 semesters.. Students will be awarded grades in EAA, which will be recorded in the Grade Card in which a particular students registers for the same but not taken into account for computing the SGPA and the CGPA.
- 7.5 The course work requirements may be broadly divided into following main groups of subjects:
- (i) Humanities and Social Sciences
  - (ii) Basic Computer Sciences
  - (iii) Environmental Sciences
- 7.6 The total course package for a department consists of the following components:
- (i) Institutional Core subjects
  - (ii) Departmental Core subjects
  - (iii) Departmental Elective subjects
  - (iv) Institute Elective subjects
  - (v) Relevant elective offered by the other department subject to approval of parent department.
  - (vi) Interdisciplinary elective (jointly taken by the different department).
- 7.7 Every BS-MS dual degree programme will have a curriculum and syllabi for the courses approved by the Senate. **DPPC** will discuss and recommend the syllabi of all the post graduate courses offered by the Department from time to time before sending the same to the **Board of Post-Graduate Studies (BPGS)**. The BPGS will consider the proposals from the Departments and make recommendations to the Senate for consideration and approval.
- 7.8 Medium of instruction, examination and project will be in English.

- 7.9 The curriculum of an individual Department may include industrial/ R&D training **up to 9** weeks for every postgraduate student. Industrial/ R&D training is to be satisfactorily completed before a student is declared eligible for the degree. The curriculum for an individual Department will show a credit allocation for industrial training. Normally industrial training will be arranged during the summer vacation immediately following the sixth semester of studies.
- 7.10 **Faculty Advisor:** To help the students in planning their courses of study and getting general advice on the academic programme, personality development, career planning and welfare, the concerned Department as far as possible will assign Faculty Advisor(s) for each batch of students. In the first year the Dean of Academic Affairs shall assign Faculty Advisors.

## 8. REGISTRATION

- 8.1 Every student is required to register for the approved courses through the Faculty Advisor at the commencement of each semester on the day fixed for such registration and notified in the Academic Calendar.
- 8.2 Students who do not register on the day announced for the purpose may be permitted late registration up to the notified day in Academic Calendar on payment of an additional fee on the following conditions:-
- Registration in any semester shall be allowed up to a period of 7 (seven) days beyond the specified date of registration with a fine of Rs.1,000/- (one thousand).
  - Registration in any semester shall also be allowed up to a period of 7 (seven) days after the expiry of first 7 (seven) days beyond the specified date of registration with a fine of Rs.5,000/- (five thousand).
  - There shall be no registration after the expiry of 14(fourteen) days beyond the specified date of registration.
  - This shall however not be applicable to the students who register on receipt of bank loan or in the case of exigency such as death of any family member provided the matter of bank loan or expiry of any family member is communicated to Dean(Academic) with in 3(three) days after the end of last date of registration.
- 8.3 Only those students will be permitted to register in the next semester who have
- (a) Cleared all Institute, Hostel and Library dues and fines (if any) of the previous semesters
  - (b) Paid all required advance payments of Institute and Hostel dues for the current semester, and
  - (c) Cleared the minimum academic requirement.
  - (d) Has not been debarred from registering on any specific ground.
- 8.4 During registration following conditions must be fulfilled:

- (a) A student must pass all the 1<sup>st</sup> and 2<sup>nd</sup> semester courses before registering for the 5<sup>th</sup> semester courses. Similarly 3<sup>rd</sup> and 4<sup>th</sup> semester courses should be passed before registering for the 7<sup>th</sup> semester and 5<sup>th</sup> and 6<sup>th</sup> semester courses should be passed before registering for the 9<sup>th</sup> semester and so on.
- (b) Normally, the number of credits registered for during a semester should not be less than 15. The total credit for the whole programme should not be less than 160 for BS and should not be less than 180 for MS. The L-T-P loading for a semester should not exceed 25 contact hours per week. Under special circumstances the Dean (Academic) may permit a student to register for more or less credits in a semester.

8.5 (a) Students obtaining grade ‘F’ in any theory/Practical subject in any semester may clear it by appearing at the supplementary examinations to be held at the beginning of even semester within one week of the commencement of the semester.during summer/parallel examination.mer vacation/ parallel exam.

(b) In case of failure in Extra Academic Activities the student will have to re-register for it in the appropriate semester of the next academic session.

8.6 A student who obtains an SGPA less than 6.5 with grade ‘P’ in some subjects may be permitted by the Dean of Academic Affairs on the recommendations of the Controller of Examinations and the concerned department to appear at the examination for improvement in 3 subject(s) to the maximum in which subjects the student has got at least ‘P’ grade. A student obtaining ‘F’ or ‘FA’ grade in any subject will not be allowed to appear at examination in any subject for improvement. However a student will be allowed to appear in examination for improvement in 3 subjects covering both the semesters of a particular academic year only. He/She should apply through faculty advisor and DPPC and should pay the requisite fee as per institute rules. The students passing in improvement examinations will be awarded a grade just below the grade obtained by them in the examination in the manner given below:

Grade obtained in the Improvement Examination	Grade to be awarded
EX	A
A	B
B	C
C	D
D	P
P	P
F	F

8.7 A student will be allowed to appear at parallel and supplementary examination in 3 subjects to the maximum. A student having a ‘FA’ grade in any subject will be allowed to appear



at the examination after attending required number of classes of that subject with the regular batch.

## 9. SUPPLEMENTARY AND PARALLEL EXAMINATION

9.1 Students having FA grade (fail due to shortage of attendance) in subject(s) will be allowed to sit for parallel examination after attending 75% of classes of parallel batch and on payment of requisite fee as per Institute Rule. The students can appear at back-paper examination in maximum 3 subjects in an academic session.

Students having F grade in subject(s) should clear his/her back-paper in parallel examination without attending any classes on payment of requisite fee as per Institute Rule.

The issue of awarding grades to the students who will be passing in back-papers and papers of supplementary examination will be awarded a grade just lower than the grade actually obtained in such examinations. This will however not affect the students who will obtain P grade in back-paper examinations and supplementary examination. The grades will be allowed in the following manner:-

Grade obtained in the Supplementary Examination	Grade to be awarded
EX	A
A	B
B	C
C	D
D	P
P	P
F	F

9.2 The schedule of supplementary examination during the summer vacation will be announced by the Controller of Examinations at the end of even semester examination. A student will have to register for parallel/supplementary/improvement examination by paying the prescribed fee as per Institute Rule within the stipulated time to be announced by the Controller of Examinations.

9.3 The total number of contact hours for any parallel examination for the students having FA grade will be the same as in the regular course. The assessment procedure in the parallel examination will also be similar to the procedure for a regular semester course.

## **10. DURATION OF THE PROGRAMME**

10.1 Normally a student should complete all the requirements for M.S programme in ten semesters and B.S programme in eight semesters. However, academically weaker students who do not fulfill some of the requirements in their first attempt and have to repeat them in subsequent semester(s) may be permitted up to 14 consecutive semesters (from the first semester registration) for M. S and 12 semesters for B. S to complete all the requirements of the degree.

However, if a student is granted a withdrawal for one or more semesters on medical ground the withdrawn semester(s) will be counted towards the maximum duration of stay at the Institute.

10.2 In case a student fails to complete the M.S course within the maximum limit of 14 semesters and B.S course within the maximum limit of 12 semesters the case will be decided separately with the approval of the Chairman SENATE.

## **11. TEMPORARY WITHDRAWAL FROM THE INSTITUTE**

11.1 A student who has been admitted to a BS-MS programme of the Institute may be permitted to withdraw temporarily from the Institute on the ground of prolonged illness or grave calamity in the family for a period of one semester or more, provided:

- (a) He/she applies to the Institute within at least 6 weeks of the commencement of the semester or from the date he/she last attended his/her classes whichever is later, stating fully the reasons for withdrawal together with supporting documents and endorsement of his/her guardian.
- (b) The Institute is satisfied that, counting the period of withdrawal, the student is likely to complete his/her requirements of the BS or MS degree as the case may be within the time limits specified in para 10 above.
- (c) There are no outstanding dues or demands of the Institute/ Hostel/ Library/NCC/

11.2 A student who has been granted temporary withdrawal from the Institute under the provisions of para 11.1 will be required to pay fees/charges (except tuition fees and hostel dues) till such time as his/her name is on the Roll List. However, fees once paid will not be returned.

11.3 Normally, a student will be permitted only three such temporary withdrawal during his/her tenure as a student of the BS-MS programme.

## **12. RESTRICTION/TERMINATION FROM THE PROGRAMME**

12.1. A student is required to leave the Institute on the following grounds:

If at the end of any two semesters (one academic year) a student has scored “F” and “FA” grade in 4 (four) or more theory and practical subjects, he/she will not be permitted to register for the next semester subjects and will have to register for those subjects in which s/he scored “F” grades in the first two semesters.

- (a) If a student is absent for more than 6 (six) weeks in a semester without sanctioned leave his/her name will be struck off the rolls.
- (b) A student may also be required to leave the Institute on disciplinary grounds on the recommendations of the Disciplinary Committee.

### **13. GRADING SYSTEM**

13.1 Based on the performance of a student, each student is awarded a final letter grade in each subject at the end of the semester. The institute follows an absolute grading system and has separate scale for theoretical and practical subject. The letter grades and the corresponding grade points are as follows:

#### **THEORETICAL SUBJECT**

<b>% of marks</b>	<b>Grades</b>	<b>Points</b>
90 and above	EX	10
80-89	A	09
70-79	B	08
60-69	C	07
50-59	D	06
40-49	P	05
Below 40	F	--

#### **PRACTICAL SUBJECT**

<b>% of marks</b>	<b>Grades</b>	<b>Points</b>
90 and above	EX	10
80-89	A	09
70-79	B	08
60-69	C	07
50-59	D	06
Below 50	F	--

In addition, there shall be two transitional grades ‘I’ and ‘X’ for the students.

13.2 A student is considered to have completed a subject successfully and earned the credits if he secures a letter grade other than ‘I’, ‘X’ or ‘F’ in that subject. A letter grade ‘F’ in any subject implies a failure in that subject.

13.3 A student will be considered as Failed in a subject if s/he is not allowed to sit for the examination due to shortage of attendance. To differentiate this with normal failure it will be shown as “FA” in the grade card.

#### 13.4 THE TRANSITIONAL GRADES ‘I’ AND ‘X’

The teacher of a subject may award the grade ‘I’ to a student if the latter was compelled to absent himself from the end semester examination on account of: (i) Illness or accident which disabled him from appearing at the examination. (ii) A calamity in the family at the time of the examination, which, in the opinion of the Institute, required the student to be away from the campus.

A student will be eligible for the award of grade ‘I’ only if his/her attendance at classes and performance in other components of assessment are complete and satisfactory.

The teacher of a subject may award the grade ‘X’ to a student if the overall performance of the student in the course is good, but is likely to get grade ‘F’ based on his/her end semester examination.

All ‘I’ and ‘X’ grades awarded by teachers must be converted by them to appropriate letter grades and communicated to the Academic Section (through Head of the Department) within two days of the respective make up examination. Any outstanding ‘I’ and ‘X’ grades two days after the last scheduled make up examination will be automatically converted to an ‘F’ grade.

13.5 A *Semester Grade Point Average (SGPA)* will be computed for each semester as per following formula :-

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

Where,

n is the number of courses registered during the semester.

C<sub>i</sub> is the number of credits allotted to a particular course, and

G<sub>i</sub> is the grade points corresponding to the grade awarded for the course.

13.6 A *Cumulative Grade Point Average (CGPA)* will be computed at the end of each semester as per following formula:-

$$\text{CGPA} = \frac{\sum_{i=1}^n *C_i S_i}{\sum_{i=1}^n *C_i}$$

Where,

$S_i$  is the SGPA of the corresponding semesters.

$*C_i$  is the total credit of the corresponding semesters.

- 13.7 Both SGPA and CGPA will be rounded off to second place of decimal and recorded as such. Whenever these CGPA are to be used for the purpose of determining the merit ranking of a group of students, only the rounded off values will be used.
- 13.8 When a student gets the grade 'I' or 'X' for any course during a semester, the SGPA for that semester and the CGPA at the end of that semester will be tentatively calculated ignoring 'I' and 'X' graded course(s). After conversion of 'I' and 'X' grade(s) to appropriate grade(s), the SGPA and CGPA of that semester will finally be recalculated after taking the converted grade(s) into account.
- 13.9 There are, however, a few other academic requirements for BS-MS programme where student will be awarded following two grades viz., 'P' – Passed and 'NP' – Not Passed. All non-credit subjects (such as field visits and Extra Academic Activities) belong to this category. No grade points are associated with these grades and performance in these subjects is not taken into account in the calculation of the SGPA or CGPA. However, the award of the degree is subject to obtaining a 'P' grade in all subjects.
- 13.10 There will be a grand viva for the final year students. In such grand viva an qualified academician from a reputed institution will invariably be invited to remain present and take part in the viva-voce examination.
- 13.11 After the successful completion of vocational training each student will have to submit a report in their respective Department. This will however be a non-credit subject.

#### 14. ASSESSMENT OF PERFORMANCE

14.1 There will be continuous assessment of a student's performance throughout the semester and grades will be awarded by the teacher concerned or the appropriate committee appointed for this purpose on the following basis.

(a) In case of

(i) Theoretical subjects, the evaluation will be based on teachers assessment, quizzes, mid semester examination and end semester examination, and each theory subject in a semester is evaluated for 100 marks with the following weightage:-

Sub Component	Weightage
Continuous Evaluation	20%
Mid Semester	30%
End Semester	50%

(ii) Sessional subjects (Laboratory), the evaluation will be on the basis of attendance, assessment of the tasks assigned and the end semester test/viva.

- (b) The evaluation of the project/dissertation work will be based on sessional work assigned by the teacher, seminar, project report and project/dissertation evaluation committee's assessment (also see para 15 below)
- (c) In case of other requirements such as seminar, comprehensive viva voce, extra academic activities etc. as determined by the grade awarding authority.
- (d) The mid semester and the end semester examination will be conducted centrally by the Examination/Academic Section of the Institute in every semester. The details of modalities for the internal assessment will be as follows:-  
The class test or quizzes will be organized by the teachers concerned.
- (e) The weightage assigned to different components of assessment should be announced by the concerned teacher(s) in the beginning of the semester.
- (f) The results of performance of the students in the mid semester examination shall be announced by the teachers of the subjects concerned within a fortnight of the examination. The teachers will also show the answer-scripts to the students if they want to see within a period of 15 days from the next day of the end of Mid Semester examination.
- (g) The final grades for a subject must be submitted after the end semester examination by the concerned teacher(s) individually to the Controller of Examinations within 7(seven) days from the next day of the end of End Semester examination

## **15. EVALUATION OF PROJECT /DISSERTATION:**

15.1 Project/dissertation supervisor(s) for a student will be appointed from amongst the faculty members of the NIT Agartala. Departments will evolve modalities for appointing of supervisors keeping in view the students' aspirations and faculty interest. No student will have more than two supervisors. No change in supervisor(s) will be allowed without the consent of the DPPC. In exceptional cases, with prior approval of the Dean (Academic) on the recommendation of the DPPC, a student may be allowed to have a co-supervisor from outside the institute.

15.2 Thesis/Project Oral Examination Committee (thesis assessment committee):

The thesis/project will be examined by an oral examination committee consisting of at least the following members:

- a) Supervisor(s)
- b) One external expert
- c) Head of the Department
- d) One expert from the concerned department.

The oral examination committee shall be coordinated by the departmental programme coordinator. The committee shall be approved by Dean, Academic on recommendation from the Head of the Department.

15.3 Unbound typed 5 copies of project/dissertation prepared according to the prescribed format available in the academic section will be submitted at least one week before the probable date of the oral examination. If however the student does not make available for the oral examination his/her programme will be deemed to have been terminated. Request for revival of the programme by such a student should be addressed to the Dean (academic).

On successful completion of the Oral Examination, each student will be required to submit one bound copy of the project/dissertation each to the academic section, department, central library and the Thesis Supervisor(s).

15.4 The project/dissertation work carried out by a student will be evaluated properly. For the purpose of assessment, the performance of a student in the project/dissertation work may be divided into the following subcomponents.

- a) Assessment by Supervisor (project/dissertation work) - 50 %
- b) Assessment by the departmental committee - 20%
- c) External examiner - 30%

If any student gets fail in project/dissertation work carried out by him/her, then clause 15.7 will be followed.

15.5 External examiner should be from an outside Institute of repute. In an exceptional case, the Dean (academic) may allow a person from another department as an examiner.

15.6 The project supervisor will periodically review the progress of the student and finally give his assessment of the work done by the student.

15.7 Extension of project work beyond the deadline of submission in very special cases may be granted by the Dean (Academic) on recommendation of the department / center for a maximum period of 3 months. The viva-voce will have to be completed within the extension period. The student shall not be eligible for award of medal / prize during the extension period. However, if the student had been absent on medical grounds and his / her project had been extended, he / she will be eligible for award of medal or prize.

15.8 All evaluated work in a subject except end semester answer scripts will be returned to the students promptly. End semester examination answer scripts shall be preserved by the concerned Department and the sheets containing details of marks converted to grades, shall also be preserved by the teacher(s) concerned for further two semesters.

15.12 **Changes in Grades Already Awarded:** If a student feels that the grade awarded to him/her in a course is not correct, he/she may request the teacher of the course to show him/her the end semester answer script in order to ensure that all the questions have been evaluated, within two weeks from the date of starting of the next semester. Teacher may change the grades if he finds an error in evaluation. Marks can only be changed after

review and observing all formalities and with the approval of Dean (Acad.) on recommendation of DPPC as the case may be.

15.13 If a student is not satisfied with the result in any subject(s) in any examination even after seeing the answer-script(s) from the faculty may apply for review of marks of the subject(s) on payment of a fee of Rs.500.00 per subject within 30 days from the date of starting of the next semester.

#### **16. Distribution of 20 marks of internal assessment in theory subjects:-**

The distribution of 20 (twenty) marks of internal assessment in theory subjects at the undergraduate level will depend on the faculty concerned. The break-up of the mark will be as follows:-

• Attendance	05 marks
• Written test/quiz	15 marks
Total	20 marks

#### **17. Distribution of 100 marks of practical subjects:-**

The distribution of 100 marks will be as follows :-

• Evaluation throughout the semester	(40)
Record book	20 marks
Attendance & regular evaluation	5+15=20 marks
• External Examinations	(60)
Practical Examination	40 marks
Viva-Voce	20 marks

### **18. EXAMINATIONS**

18.1 In assessing the students' attainment in subjects (Theory, Laboratory, and Sessional), seminars, project work etc., the system of continuous assessment is adopted by the Institute. In conformity with this practice, there will be one mid semester examination and an end semester examination for every theoretical subject – in addition to the teachers' assessment and quiz etc.

18.2 A student may be debarred from appearing in the mid or/and end semester examination due to the following reasons:

- (a) If any disciplinary action is taken against him/her.
- (b) On recommendation of a teacher, if
  - (i) His/her attendance in the Lecture/Tutorial/Practical classes has been less than 75%.



(ii) His/her performance in the sessional work done during the semester has been unsatisfactory.

18.3 In the event of final year student failing in a Laboratory and/or Sessional subjects, the teacher concerned may, at his/her discretion, grant the student an extension of time not exceeding 3 months and award an 'I' grade. If no such extension is given to a student he/she has to re-register for the same requirement in the earliest succeeding semester in which it is offered.

18.4 Special supplementary examination for the M.S final year students shall be conducted for three subjects to the maximum each subject of 80 marks on realization of a fee of Rs.500/- (Rupees five hundred) per subject. The examination will be conducted within 3 (three) months from the date of publication of result without arranging classes.

18.5 Students adopting unfair-means in and outside the examination halls will be expelled from the examination immediately. The erring students will be expelled for the subject(s) in which found adopting unfair-means.

## **19. MAKE UP EXAMINATIONS**

19.1 Students who have missed an end semester examination on valid reasons and awarded 'I' grade are eligible for make-up examination. They should make an application to the Controller of Examination through the HOD within seven days from the date of examination missed explaining the reasons for their absence.

19.2 Normally no make-up examination will be scheduled for the mid semester examination and quizzes. It is entirely up to the teacher to ascertain the proficiency of the student by whatever means considered appropriate to him/her if he/she is satisfied of the bonafides. However Make-up examination for mid semester may be conducted only valid reasons and after obtaining approval from the Dean (AA) on recommendation of the DPPC.

19.3 Official permission to a make-up examination will be given under exceptional circumstances such as admission to a hospital due to illness and a calamity in the family at the time of examination. Students residing in the hostels should produce a medical certificate issued by the Institute Medical Officer only. Students who are permitted to stay outside the campus or who have been authorized to be away from the Institute should produce a medical certificate from a Medical Officer not below the rank of a Civil Surgeon and endorsed by the Institute Medical Officer. Certificate from private medical practitioners will not be accepted. The Dean of the Academic Affairs can use his/her discretion in giving permission to a student to take a make-up examination.

19.4 Students who are awarded 'X' grade by the teachers are also eligible for the make-up examination.

19.5 Make up examinations will be held as per dates notified by the Controller of Examination. Make up examinations at any other time can be held only with the permission of the Dean of Academic Affairs.

## **20. WITHHOLDING OF GRADES**

Grades shall be withheld when the student has not paid his/her dues or when there is a disciplinary action pending against him/her.

## **21. ELIGIBILITY FOR THE AWARD OF B.TECH –M.TECH DUAL DEGREE**

21.1 (a) A student shall be declared to be eligible for the award of B. S degree after successful completion of B.S curriculum and attain a minimum label of academic performance i.e with grade 'P' or higher grade in each of the subjects (Theoretical, Laboratory, Workshop, Sessional etc.), Seminar, Project etc.

(b) A student shall be declared to be eligible for the award of M.S degree after successful completion of M. S curriculum and attain a minimum label of academic performance i.e with grade 'P' or higher grade in each of the subjects (Theoretical, Laboratory, Workshop, Sessional etc.), Seminar, Project etc.

(c) A student of BS-MS (Dual Degree) has to complete the B. S course with in 12 (twelve) semesters to the maximum and M.S course in 14(fourteen) semesters to the maximum.

(d) The student should not have any dues to the Institute, Department, Library, Hostels, NCC /NSS.

(e) The student should not have any disciplinary action pending against him/her.

### **Award of Gold Medal:**

(a) A student in order to be eligible for gold medal must complete B.S in eight semesters and not having any back-paper in any semester of the entire course. The student(s) with the highest total grade points shall be considered for the award of Institute Gold Medal.

(b) A student in order to be eligible for gold medal must complete M. S in ten semesters and not having any back-paper in any semester of the entire course.

(c) A student will be ineligible for gold medal if any disciplinary action has been taken by the Institute against him/her during the entire programme.

21.2 (a) A degree certificate for B. S degree will be awarded after successful completion of B. S curriculum.

(b) A degree certificate for M. S degree will be awarded after successful completion of M. S curriculum.

21.3 The required degree certificate will indicate the relevant branch, and specializations if any. The required degree will be conferred on a student in an annual convocation of the Institute.

21.4 The award of B. S-M.S dual degree must be recommended by the SENATE and approved by the Board of Governors of the Institute.

## 22. DEPARTMENTAL POSTGRADUATE PROGRAMME COMMITTEE (DPPC)

### COMPOSITION:

- |      |   |          |
|------|---|----------|
| i)   | Head of the Department (ex-officio)   | Chairman |
| ii)  | 50% of the faculty members of the Department with a maximum of six or a minimum of three faculty members to be nominated by the HOD of which one will be nominated by the HOD as the Member Secretary.                                  | Members  |
| iii) | One faculty member from another Department.<br><br>The faculty member from the other Department will be nominated by the HOD of that Department on request of the concerned Department.   | Member   |
| iv)  | Two students with CPI/CGPA not less than 7.5 to be selected by the postgraduate students of the 2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> years. One student member from any other Department may be co-opted if necessary. | Members  |

DPPC may take the assistance of an expert in the relevant area from IITs, IISc, NITs, recognized Central/State Universities and when necessary with the prior approval of the Competent Authority.

**Tenure:** Two years for faculty members and one year for student members.

### FUNCTIONS:

- (i) To oversee the conduct of all postgraduate courses of the Department.
- (ii) To ensure academic standard and excellence of the courses offered by the Department.
- (iii) To discuss and recommend the syllabi of all the postgraduate courses offered by the Department from time to time before sending the same to the **Board of Post-Graduate Studies (BPGS)**.
- (iv) To consider any matter related to the undergraduate programme of the Department.

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## BOARD OF POST-GRADUATE STUDIES (BPGS)

### COMPOSITION:

- |       |  |                   |
|-------|--|-------------------|
| (i)   | Dean of Academic Affairs (ex-officio)  | Chairman          |
| (ii)  | One member from each department nominated by the HOD and approved by the Senate. | Members           |
| (iii) | DR (Academic) or AR (Academic)   | Member, Secretary |

**Tenure:** Two years.

**FUNCTIONS:**

1. To oversee the conduct of all postgraduate courses of the Institute.
2. To consider the proposals from the Departments and make recommendations to the Senate for consideration and approval.
3. To issue guidelines to various Departments on evaluation pattern of the courses to maintain uniformity.
4. To consider and recommend the assessment procedure to be adopted by various Departments.
5. To consider and recommend any other matter concerning the undergraduate programme of the Institute.