



**JNTUH COLLEGE OF ENGINEERING HYDERABAD
(Autonomous)**

Kukatpally, Hyderabad. 500085

**ACADEMIC REGULATIONS 2013 FOR 5 Year (10 Semesters)
INTEGRATED DUAL DEGREE PROGRAMME (IDP)
LEADING TO B.Tech. & M.Tech./MBA)**

(Effective for the students admitted into I year from the
Academic Year **2013-2014** and onwards)

1) 5 Year Integrated Dual Degree Program

JNTUH offers 5 Years (10 Semesters) Integrated Dual Degree Program (IDP) in the following Branches of Engineering, at its Constituent Autonomous College - JNTUH College of Engineering, Hyderabad, with effect from the Academic Year 2013 - 14 onwards.

S.No.	UG Program	PG Program	
		M.Tech. (Specialization)	MBA (Specialization)*
1)	B.Tech. in Electronics & Communication Engineering	M.Tech. (Communication s & Signal Processing)	MBA (Human Resources / Finance/ Marketing/ Systems)
2)	B.Tech. in Computer Science & Engineering	M.Tech. (Computer Science)	MBA (Human Resources / Finance/ Marketing/ Systems)
3)	B.Tech. in Electrical & Electronics Engineering	M.Tech. (Power Electronics)	MBA (Human Resources / Finance/ Marketing/ Systems)
4)	B.Tech. in Mechanical Engineering	M.Tech. (Manufacturing Systems)	MBA (Human Resources / Finance/ Marketing/ Systems)
5)	B.Tech. in Civil Engineering	M.Tech. (Structural Engineering)	MBA (Human Resources / Finance/ Marketing/ Systems)

(* A Minimum of 15 students is necessary for any specialization to be offered.)

A student would be conferred the B.Tech. Degree and M.Tech. or MBA Degree in this IDP, after the successful completion of all the requirements for the 10 Semesters of study and earning the appropriate credits.

2) Eligibility of Admission

2.1 Admission to the IDP shall be made either on the basis of the merit rank obtained by the qualifying candidate at an Entrance Test conducted by the AP State Government (EAMCET), OR the University, OR on the basis of any other order of merit approved by the University, subject to reservations as prescribed by the Government from time to time.

2.2 Students opting for the 5 year integrated IDP must specify their choice for M.Tech. (with in the specializations given above) or MBA as the case may be, after choosing the appropriate Branch of Engineering, at the time of Admissions only. Option thus exercised is final, and cannot be changed during the study period.

2.3 Students opting for 5 years integrated IDP have to study for the specified period, to earn the relevant credits for the award of both the B.Tech. and M.Tech. / MBA Degrees, and they will not be permitted to have a choice for B.Tech. Degree alone after 4 years study.

3) IDP Structure

3.1 The Dual Degree Program comprises of two parts – B.Tech. or UG Program, plus M.Tech./MBA or PG Program. The UG and PG Programs have the following groups or categories or components, which may include Theory Subjects, Lab. Courses/ Design / Drawing / Practicals/ Industrial Training/ Mini Project/ Major Projects/ Comprehensive Viva/ Seminar etc. as well

S.No.	UG/PG Program	Group/Category/Component	Description
1)	UG	BS – Basic Sciences	Includes - Mathematics, Physics and Chemistry Subjects
2)	UG	EAS - Engineering Arts and Sciences	Include fundamental engineering subjects
3)	UG	HSS – Humanities and Social Sciences	Includes subjects related to Humanities, Social Sciences and Management
4)	UG	DE – Departmental Electives	Includes Elective subjects related to the parent discipline, department or branch of engineering
5)	UG	DC – Departmental Core	Includes core subjects related to the parent discipline, department or branch of engineering
6)	UG	OE – Open Electives	Elective subjects which include inter-disciplinary subjects or subjects in an area outside the parent discipline, department or branch of engineering
7)	UG	Project	B.Tech. Project or UG Project or UG Major Project
8)	UG	Industrial Training/ Mini Project	Industrial Training/ Internship/ UG Mini Project/ Mini Project
9)	UG	Seminar	Seminar / Colloquium based on UG Industrial Training or Internship or Mini Project
10)	PG	PGC	PG Core Subjects related to the M.Tech. Specialization / MBA
11)	PG	PGE	PG Elective Subjects related to the M.Tech. Specialization / MBA
12)	PG	Project	PG Project or PG Major Project or Major Project in M.Tech. Specialization / MBA
13)	PG	Summer Internship	PG Summer Internship
14)	PG	Seminar	Seminar / Colloquium at PG level, in M.Tech. / MBA
15)	PG	Comprehensive Viva	Comprehensive Viva based on all Subjects

3.2 In the IDP, each Subject, Lab./Practicals, Project, Industrial Training/ Mini Project/ Seminar/ Comprehensive Viva etc. - has specified credits, as indicated in the Course Structure. The credit requirements for IDP are: (i) at UG Level: 182 credits out of 190 credits at B.Tech. Level, plus (ii) at PG Level: 80 credits at M.Tech./MBA level.

3.3 The minimum instruction days for each Semester shall be 90 working days. In a Semester, one lecture hour per week is rated as one credit, and two tutorial or two practical hours per week may be treated as one credit in general.

3.4 There shall be no branch transfers at UG Level, and no changes of specializations at PG Level, after the completion of the Admission Process at the I Year.

3.5 The Course Structure and Curriculum for the first 3 years (6 Semesters) would be same as that for earning the Regular 4 Year B.Tech. Degree in the respective Branch of Engineering. The PG Project Work for the M.Tech. Degree shall commence from the beginning of the summer (between IV Year and V Year) at the end of 8th Semester, and shall be carried out upto the end of the V Year II Semester. There shall be a Seminar (linked to PG Project) in the V Year I Semester, and a Comprehensive Viva at the end of the V Year II Semester.

3.6 The IDP shall also have a compulsory Industrial Training/Mini Project for about 8 weeks, during the summer between III Year and IV Year, and each student shall deliver a Seminar at their respective Departments, at the beginning of the IV Year I Semester.

4) Course Work

The entire course of study is of five academic years, comprising of 10 semesters. **All the I, II, III, IV and V years are on two-semester pattern.**

4.1 A student after securing admission, must pursue the 5 Year Integrated Dual Degree Program of study for a duration of 10 Semesters (or 5 years). Each Semester shall be of 22 weeks duration (inclusive of examinations).

4.2 The student must secure a total of 262 credits for the IDP - 182 credits for the B.Tech. Degree Program, plus 80 credits for the M.Tech. or MBA Program, under different categories as indicated in Item 3.1.

4.3 The student should complete the IDP within a period equal to twice the prescribed duration of the Program, from the Date of Admission. Students, who fail to fulfill all the academic requirements for the award of the Dual Degrees within 10

academic years from the Date of Admission, shall forfeit their seat in both B.Tech. and M.Tech./MBA Courses.

- 4.4 For NCC/ NSS Programmes offered in the I Year, Participation Certificate (from the concerned authorities) for each semester is mandatory. No marks or grades shall be allotted for these activities.

5) Attendance Requirements

- 5.1 a) The student shall be eligible to appear for the Semester End Examinations upto to IV Year II-Semester, if he acquires a minimum of 75% attendance in aggregate of all the subjects put together in that Semester.
- b) The student shall be eligible to appear for the Semester End Examination of any subject, if he acquires a minimum of 75% attendance in that subject in the V Year.
- 5.2 Condonation of shortage of attendance in aggregate / in that subject as the case may be upto 10% (net attendance of 65% and above, and below 75%) in each Semester may be granted by the College Academic Committee. Such condonation shall be granted only on genuine and valid reasons, on representation by the candidate with supporting evidence, and on payment of the stipulated condonation fee.
- 5.3 Shortage of attendance below 65% in aggregate shall NOT be condoned.
- 5.4 Students, whose shortage of attendance is not condoned in any Semester, are not eligible to take their End Examinations of that Semester, and their registration for that Semester shall stand cancelled.
- 5.5 A student shall not be promoted to the next Semester, unless he satisfies the attendance requirement of the present Semester. In such cases, the student may seek readmission for that Semester, as and when offered.

6) Academic Requirements

The following academic requirements have to be satisfied, in addition to the attendance requirements specified in Item 5.

- 6.1(a) **U.G. Part:** A student shall be deemed to have satisfied the minimum academic requirements and earned the credits allotted to each theory subject / practical subject /design /drawing subject / Seminar / Industrial training / Mini Project / UG Project, if he secures not less than 35% of marks in the end examination (25 out of 70 marks, or 13 out of 35 marks, or 18 out of 50 marks as the case may be), and a minimum of 40% marks in the sum total of the internal evaluation and end examination taken together.

- (b) **P.G. Part:** A student shall be deemed to have satisfied the minimum academic requirements and earned the credits allotted to each theory subject / practical subject /design /drawing subject / Seminar / Comprehensive Viva, if he secures a minimum of 40% of marks in the end examination, and a minimum of 50% marks in the sum total of the internal evaluation and end examination taken together.
- 6.2 A student shall be **promoted from II to III year** only if he fulfils the academic requirements of earning **40 credits from two regular and one supplementary examinations of I year I semester, and One Regular & One Supplementary exam of I year II semester, and one regular examination of II year I semester** irrespective of whether the candidate takes the examination or not.
- 6.3 A student shall be **promoted from III year to IV year** only if he fulfils the academic requirements of earning total **67 credits from the following examinations**, whether the candidate takes the examinations or not.
- Three regular and two supplementary examinations of I B Tech – I Semester.
 - Two regular and two Supplementary examinations of I B Tech II Semester
 - Two regular and one supplementary examinations of II year – I Semester.
 - One regular and one supplementary examinations of II year II semester.
 - One regular examination of III year I semester
- 6.4 A student shall be promoted from IV Year to V Year, if the student completes the UG Project satisfactorily and earns the prescribed number of credits for UG Project by the end of IV Year II Semester.
- 6.5 (a) A student eligible to appear for the End Semester examination in any Subject (Theory/ Lab.) / Project etc., but absent at it or has failed in the end examination, may appear for the same at the supplementary examination or subsequent examination as and when offered.
- (b) A student shall be deemed to have satisfied the minimum academic requirements and earned the credits allotted to - Industrial Training/ Mini-Project/ Seminars/ Comprehensive viva, if he secures not less than 40% of the total marks (20 marks) to be awarded for each. The student would be treated as failed, if he - (i) does not submit a report on his industrial training/ mini project, or does not make a presentation of the same before the Committee as per schedule, or (ii) does not present the Seminar as required in

the V year I Semester, or (iii) does not report for comprehensive viva as per schedule, or (iii) secures less than 40% of marks (20 marks) in industrial training/ mini project/ seminars/ comprehensive viva. He may reappear once for each of the above evaluations, as and when it is scheduled again; if he fails in such 'one reappearance' evaluation also, he may again reappear for the same in the next subsequent semester when it is scheduled.

6.6 (a) When a student is detained due to shortage of attendance in any semester, he may be re-admitted into that semester when it is next offered, **with the academic regulations of the batch into which he got readmitted.**

(b) When a student is detained due to lack of credits in any year, he may be readmitted into the next year after fulfilment of the academic requirements, **with the academic regulations of the batch into which he got readmitted**

6.7 A student shall register for all the 270 credits as specified in the Course Structure and put up the minimum attendance requirements in all the Semesters, and earn all the 262 credits (182 at UG plus 80 at PG) for the IDP; an exemption of 8 credits is permitted for optional dropout from the 190 credits at UG level except for the courses listed below:

1. All Laboratories oriented
2. Industrial Mini Project
3. Seminar
4. Comprehensive Viva-Voce
5. Major Project

Marks obtained in all the specified 182 UG credits shall be considered for the calculation of percentage of marks for the B.Tech. Program, and the marks obtained in all the specified 80 PG credits shall be considered for the calculation of % of marks for the M.Tech./MBA Program.

6.8 Students, who fail to earn the 182 UG credits out of 190 UG credits registered as indicated in the Course Structure, within 8 Academic Years from the Date of Admission, shall forfeit their seat in the IDP, and their admission for the entire Dual Degree Program shall stand cancelled.

6.9 Students, having secured the 182 UG credits, but fail to earn all the specified PG credits as indicated in the Course Structure, within 10 Academic Years from the Date of Admission, shall forfeit their seat in the PG program of IDP and their registration/ continuation for the PG Degree Program shall stand cancelled.

7) Evaluation Procedure

The performance of a student shall be evaluated in each Semester Subject wise as follows

7.1 For UG Part of the IDP

- i. The performance of a student in each semester shall be evaluated subject-wise with **a maximum of 100 marks for theory and 75 marks for practical subject.** In addition, an Industry oriented Mini-Project, Seminar, Comprehensive viva-voce, and Project Work shall be evaluated for **50, 50, 50 and 200 marks** respectively.
- ii. For theory subjects the distribution shall be **30 marks for Internal Evaluation and 70 marks for the End-Examination.**
- iii. For theory subjects, during the semester, there shall be **2 mid term examinations.** Each mid term examination consists of one **objective paper for 10 marks, one subjective paper for 15 marks** with a **duration of 110 minutes (20 minutes for objective and 90 minutes for subjective paper),** and one Assignment for 5 marks. Objective paper shall be set with multiple choice questions, true/false, fill-in the blanks, matching type questions, etc. for **10 marks.** Subjective paper shall contain 5 questions, out of which the student has to answer 3 questions, each for 5 marks. The first mid term examination shall be conducted for the first 50% of the syllabus, and second mid term examination shall be conducted for the remaining 50% of the syllabus. First Assignment should be submitted before the conduct of the first mid examinations, and the Second Assignment should be submitted before the conduct of the second mid examinations. The Assignments shall be as specified by the concerned subject teacher. The total marks secured by the student, in each mid term examination, are evaluated for 30 marks and **the better of the two** mid term examinations shall be taken as the final marks secured by each candidate.
- iv. For practical subjects there shall be a continuous evaluation during the semester for **25 sessional marks and 50 end examination marks.** Out of the 25 marks for internals, **day-to-day work in the laboratory shall be evaluated for 15 marks,** and two **internal practical examinations each of 10 marks,** shall be conducted by the concerned laboratory teachers. The **better of two** internal exams shall be considered. The end examination shall be conducted at the end of the semester by the laboratory teachers.
- v. For the subject having design and/or drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing,

- Production Drawing Practice, and Estimation), the distribution shall be **30 marks for internal evaluation (15 marks for day-to-day work and 15 marks for internal tests) and 70 marks for end examination.** There shall be **two internal tests** in a semester and the **better of the two** shall be considered for the award of marks for internal tests.
- vi. **Open Electives:** Students are to choose One Open Elective (OE-I) during 3rd Year I-Semester and another Open Elective (OE-II) during 3rd year II-Semester from the corresponding list of Open Electives given. However, students can not opt for an Open Elective subjects offered by their own department, if it is already listed under core / elective subjects offered by that department in any semester.
- vii. There shall be an Industrial Training or Mini Project, preferably in collaboration with an industry of their specialization, to be taken up during the vacation after III year II Semester End Examinations. The Training/Mini Project and its Report shall be evaluated at the beginning of the IV Year I Semester. The Training Activity/ Mini Project shall be submitted in a Report form, and the student shall also deliver a Seminar (based on the Training Activity/Mini Project) before the Project Review/Evaluation Committee (PRC); both the report and the Seminar shall be evaluated for 50 marks each by the PRC. The PRC shall be constituted by the Head of Dept., and shall consist of the Head of the Department, the Supervisor of Industrial Training/Mini Project/Seminar/UG Project / PG Project, and a Senior Faculty Member of the Department. There shall be no internal marks for this Industrial Training/Mini Project.
- Viii. The UG Project shall be evaluated for 200 marks, out of which 60 marks shall be for Internal Evaluation and 140 marks for the End Semester Viva-Voce Examination. The topics for Mini Project and Project Work shall be different from each other. The Viva-voce examination shall be conducted by the same PRC. Out of 60 marks allocated for internal evaluation, 30 marks shall be awarded by the Project supervisor (based on his continuous performance evaluation of the student), and the other 30 marks shall be awarded by PRC based on the presentation made by the student on the progress of the project at the time of 4th Year II semester I & II-Mid examinations.

7.2 For M.Tech. (PG) Part of the IDP ~

- i. Theory Subjects are evaluated for 100 marks, and Practicals/Lab. Subjects are also evaluated for 100 marks.

- ii. Seminar and Comprehensive Viva shall be evaluated for 50 marks each.
- iii. For theory subjects, the distribution shall be 40 marks for Internal Evaluation and 60 marks for the End-Examination. For the award of the 40 Internal (sessional) marks for theory subjects, there shall be 2 internal examinations during the Semester, one at the middle of the Semester and the other immediately after the completion of instruction; each of which shall be evaluated for 25 marks, and the better one out of these two internals shall be considered for awarding the 25 sessional marks. Out of the remaining 15 sessional marks, 5 marks are allocated for teacher's assessment (allotment is based on performance of the student in the class) and 10 marks will be awarded based on the student's performance in the Assignments.
- iv. For Practicals/Lab. subjects, there shall be a continuous evaluation during the Semester for 40 sessional marks and 60 End Examination marks. Of these 40 marks, 15 marks shall be awarded for day-to-day work and 25 marks to be awarded by conducting an internal laboratory test. The End Examination shall be conducted by the teacher concerned and another faculty member of the same Department, as suggested by the Head of Dept.
- v. There shall be a Seminar presentation in the V year I Semester, for the award of 50 marks. The Seminar shall be on the topic chosen for PG Project/Dissertation Work; and the assessment will be done by the same PRC as constituted above.
- vi. Every candidate of IDP shall be required to execute his M.Tech. Project (PG Project) and submit his Dissertation, after taking up a topic approved by the PRC. The PG Project shall start immediately after the completion of the IV Year II Semester (summer between IV Year and V Year), and shall be of one year duration. The student has to decide his topic for his M.Tech. Project Work within the first 6 weeks of this summer, and should submit his PG Project Work Proposal to the PRC, on whose approval he can register for the PG Project. The PRC will monitor the progress of the project work through two Seminar presentations - one during V Year I Semester [as specified in Item 7.2 (v)], and one before the submission of the PG Project/Dissertation. The student shall submit a Project Report at the end of the V year I Semester, and the same shall be evaluated at the end of that semester by the PRC as SATISFACTORY or UNSATISFACTORY. In the case of unsatisfactory declaration, the student shall resubmit the Project report after carrying out the necessary modifications / additions in the Project work, within the specified time as suggested by the

PRC. The student can submit the Dissertation, only after completion of 40 weeks from the Date of Registration, after obtaining the approval from PRC. Extension of time, within the total permissible limit for the completion of the IDP, may be considered by the PRC, on sufficient valid/genuine grounds.

- vii. The student shall be allowed to submit the PG Project Work and Dissertation, only on the successful completion of all the prescribed UG and PG Subjects (Theory and Lab.), Seminars, Industrial Training/Mini Project, UG Project, Comprehensive Viva, PG Project Stage-I etc. Once the student's PG Project Work and Dissertation are approved by the PRC, the Dissertation will be sent to an External Examiner nominated by the Principal/Director of the College/School, on whose approval, the student can appear for the PG Project Viva-voce Examination.
- viii. The PG Project Work and Dissertation will be adjudicated by One External Examiner selected by the competent authority. If the report of the External Examiner is favorable, then Viva-voce Examination shall be conducted by a Board, consisting of the PG Project Supervisor, Head of Dept., and the External Examiner who adjudicated the Project Work and Dissertation. The Board shall jointly report the student's performance in the PG Project Work as - (A) EXCELLENT, or (B) GOOD, or (C) SATISFACTORY, or (D) UNSATISFACTORY, as the case may be. In case, the student fails in the Viva-voce Exam. Or gets the UNSATISFACTORY grade, he has to reappear for the Viva-voce Exam. as per the recommendations of the Board. If he fails at the second Viva-voce Exam. Also, he will not be eligible for the award of the Degree, unless he is asked to revise and resubmit by the Board.
- ix. If the report of the External Examiner is not favorable, the student shall revise and resubmit the Dissertation after one semester or as per the time specified by the External Examiner and/or the PRC. If the report of the Examiner is unfavorable again, then the Dissertation will be summarily rejected. In such a case, the dissertation shall be modified and resubmitted within the specified time, as per the suggestions and recommendations of the External Examiner / PRC.
- x. There shall be a Comprehensive Viva at the end of the V year II Semester, for the award of 50 marks. The Comprehensive Viva-Voce shall be conducted by the PRC, with the addition of one more Senior Faculty Member of the Department. The Comprehensive Viva is aimed to assess the student's understanding in various subjects studied during the Dual

Degree Program. There are no internal marks for the Comprehensive Viva.

7.3 For M.B.A. (PG) Part of the IDP

- i. Theory Subjects are evaluated for 100 marks, and Practicals/Lab. Subjects are also evaluated for 100 marks.
- ii. PG Summer Internship, Seminar and Comprehensive Viva-voce shall be evaluated for 50 marks each.
- iii. There shall be a PG Summer Internship, preferably in an industry, to be taken up during the vacation, immediately after the IV year II Semester End Examinations. The Internship Activity shall be submitted in a Report form, and the student shall also deliver a Seminar (based on the PG Summer Internship) before the MBA Project Evaluation Committee (PEC); both the Report and the Seminar shall be evaluated for 50 marks each by the PEC, at the beginning of the V Year I Semester. The PEC shall be constituted by the Head of Dept. or Principal/Director of the College/School, and shall consist of the Head of the Department, the Supervisor of PG Summer Internship Program/Seminar/PG Project and a Senior Faculty Member of the Department. There shall be no internal marks for this PG Summer Internship Program.
- iv. For theory subjects, the distribution shall be 40 marks for Internal Evaluation and 60 marks for the End-Examination. For the award of the 40 Internal (sessional) marks for theory subjects, there shall be 2 internal examinations during the Semester, one at the middle of the Semester and the other immediately after the completion of instructions; each of which shall be evaluated for 25 marks, and the **better** of these two internals shall be considered for awarding the 25 sessional marks. Out of the remaining 15 sessional marks, 5 marks are allocated for teacher's assessment (allotment is based on the performance of the student in the class) and 10 marks will be awarded based on the student's performance in the Assignments.
- v. Every candidate of IDP shall be required to execute his MBA Project (PG Project) and submit his Dissertation, after taking up a topic approved by the PEC. The PG Project shall start immediately after the completion of the V Year I Semester, and shall be of one Semester duration. The student has to decide his topic for his MBA Project Work within the first 2 weeks of V year IInd Semester and should submit his PG Project Proposal to the PEC, on whose approval he can register for the PG Project. The PEC will monitor the progress of the Project Work through a Seminar Presentation before the submission of the PG Project/Dissertation. The student can submit the Dissertation

only after completion of 16 weeks from the Date of Registration of the PG Project Work, after obtaining the approval from PEC, which will be based on satisfactory performance of the student in the seminar presentation. Extension of time, within the total permissible limit for the completion of the IDP, may be considered by the PEC, on sufficient valid/genuine grounds.

- vi. The student shall be allowed to submit the PG Project Work and Dissertation, only on the successful completion of all the prescribed UG and PG Subjects (Theory and Lab.), Industrial Training/Mini Project, UG Project, Summer Internship, Seminars, Comprehensive Viva-Voce, etc. Once the student's PG Project Work and Dissertation are approved by the PEC, the Dissertation will be sent to an External Examiner nominated by the Principal/ Director of the College/School, on whose approval, the student can appear for the PG Project Viva-voce Examination.
- vii. The PG Project Work and Dissertation will be adjudicated by One External Examiner selected by the competent authority. If the report of the External Examiner is favorable, then Viva-voce Examination shall be conducted by a Board, consisting of the PG Project Supervisor, Head of Dept., and the External Examiner who adjudicated the Project Work and Dissertation. The Board shall jointly report the student's performance in the PG Project Work as - (A) EXCELLENT, or (B) GOOD, or (C) SATISFACTORY, or (D) UNSATISFACTORY, as the case may be. In case, the student fails in the Viva-voce Exam. Or gets the UNSATISFACTORY grade, he has to reappear for the Viva-voce Exam. As per the recommendations of the Board. If he fails at the second Viva-voce Exam. Also, he will not be eligible for the award of the Degree, unless he is asked to revise and resubmit by the Board.
- viii. If the report of the External Examiner is not favorable, the student shall revise and resubmit the Dissertation after one semester or as per the time specified by the External Examiner and/or the PEC. If the report of the Examiner is unfavorable again, then the Dissertation will be summarily rejected. In such a case, the dissertation shall be modified and resubmitted within the specified time, as per the suggestions and recommendations of the External Examiner / PEC.
- ix. There shall be a Comprehensive Viva at the end of the V year II Semester, for the award of 50 marks. The Comprehensive Viva-Voce shall be conducted by the PEC, with the addition of one more Senior Faculty Member of the Department/School. The Comprehensive Viva is aimed to assess the student's understanding in various subjects studied during the PG part of

Dual Degree Program. There are no internal marks for the Comprehensive Viva.

7.4 Grading Procedure (Common for M.Tech. & MBA)

- (i) Marks will be awarded to indicate the performance of each student in each Theory Subject or Practicals or Seminar or UG Project or Comprehensive Viva-voce etc., as specified above in Items 7.1, 7.2 and 7.3, and a proportional letter grade shall be given.
- (ii) As a measure of the student's performance, a Grading System using the following letter grades and corresponding percentage of marks shall be followed.

For UG:

<i>% of Marks Secured</i>	<i>Letter Grade</i>
70% and above	A
Below 70% but not less than 60%	B
Below 60% but not less than 50%	C
Below 50% but not less than 40%	D
Below 40%	F

For PG:

<i>% of Marks Secured</i>	<i>Letter Grade</i>
70% and above	A
Below 70% but not less than 60%	B
Below 60% but not less than 50%	C
Below 50%	F

8) Award of Degree or Class

After a student satisfies all the requirements prescribed for the completion of the IDP and becomes eligible for the award of the respective Degree, he shall be placed in one of the following four classes

For UG:

<i>Class Awarded in UG Program</i>	<i>% of Marks Secured</i>	<i>Program Credits</i>
FIRST CLASS with DISTINCTION	70% and above	From the Aggregate secured For the 180 UG credits.
FIRST CLASS	Below 70% but not less than 60%	
SECOND CLASS	Below 60% but not less than 50%	
PASS CLASS	Below 50% but not less than 40%	

For PG

<i>Class Awarded in PG Program</i>	<i>% of Marks Secured</i>	<i>Program Credits</i>
FIRST CLASS with DISTINCTION	70% and above	From the Aggregate secured for the 70 PG credits.
FIRST CLASS	Below 70% but not less than 60%	
SECOND CLASS	Below 60% but not less than 50%	
FAIL	Below 50%	

- The University/College reserves the right of altering the Academic Regulations and/or Syllabus/Course Structure, as and when necessary. The modifications or amendments may be applicable to all the candidates on rolls, as specified by the University/College.
- Wherever the words 'he' or 'him' or 'his' occur in the above regulations, they will also include 'she' or 'her' or 'hers'.
- Wherever the word 'Subject' occurs in the above regulations, it implies the 'Theory Subject' and 'Practical Subject' or 'Lab'.
- In case of any ambiguity or doubt in the interpretations of the above regulations, the decision of the Vice-Chancellor will be final.
- There shall be no branch transfers, no place transfers, no course transfers, and no transfers from 5 year IDP to 4 year B.Tech (Regular) degree programme (Of same branch or any other branch) or Vice versa, after the completion of the admission process.

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9) Withholding of Results

If the student has not paid dues to University/College, or if any case of indiscipline is pending against him, the result of the candidate may be withheld and he will not be allowed to go into the next higher Semester. The award or issue of the Degree may also be withheld in such cases.

10) Transitory Regulations

Students who have discontinued or have been detained for want of attendance, or who have failed after having undergone the IDP, may be considered eligible for readmission to the same or equivalent subjects as and when they are offered, subject to Item 6.8 and 6.9.

11) General

- The Academic Regulations should be read as a whole for the purpose of any interpretation.