

RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL

Established under Act No. 13 of 1998

Ordinance No. 31

(Section 40 (1))

Ordinance for Five Year Dual Degree Integrated Post Graduate Programme

(For the Candidates admitted in 1st year in University

Teaching Department on and after July, 2011)

(Under Credit Based Grading System applicable from July, 2011)

(Amended upto September,2011)

1.0 The Five years (Ten Semesters) Integrated Post Graduate Programme shall be designated as Five Year **Dual Degree** Integrated **Post Graduate** Programme conducted by University Teaching Department (UTD) and abridged as 5 YDDIPG in various branches.

1.1 The branches of study can be any of the branch in which the university has its UTD

1.2 The studies and examinations of these 5YDDIPG programmes shall be on the basis of Marks- Cum - credit system but semester wise and final evaluation shall be by grading system in accordance with the ordinance No. 30, “Credit Based Grading System” hereinafter referred as Ord.30.

1.3 On the completion of the course the candidate shall be awarded Bachelor of Engineering (B.E.) and Master of Technology (M.Tech.) Degrees (i.e., B.E. + M.Tech.) or Bachelor of Engineering (B.E.) and Master of Business Administration (M.B.A.) Degrees (i.e., B.E. + M.B.A.), as the case may be.

2.0 ADMISSIONS

2.1 Minimum qualification for admission to the first year of 5YDDIPG programme shall be the qualifying Higher Secondary School Certificate Examination (10+2) scheme in first division or equivalent grade (relaxation of 5% marks for reserved category candidates) with Physics, Chemistry and Mathematics (also securing pass marks/grade in these three subjects individually) conducted by M.P. Board of Secondary

Education or an equivalent examination from a recognized Board.

- 2.2 Eligible candidates as specified in clause 2.1 shall be admitted in the programmes referred in para 1.1 here, only on the basis of merit of a National Level Entrance Examination (NLEE) conducted by this University. The details of which shall be notified on the website of the University.
- 2.3 The Reservation to SC/ST/OBC/PH candidates, shall be applicable as per the norms of the State Government of Madhya Pradesh.
- 2.4 Lateral entry of a student shall not be permitted at any stage of the programme.
- 2.5 Transfer of candidates from other programme/courses/places shall not be permitted in 5 YDDIPG programme.

3.0 Examinations

- 3.1 The subjects to be studied in different semesters of 5YDDIPG shall be as per the schemes and syllabi, approved by the respective Board of Studies.
- 3.2 There shall be one University examination at the end of each semester. These examinations will be designated as follows:
 - a) During first year:
5 YDDIPG I semester, 5 YDDIPG II semester.
 - b) During second year:
5 YDDIPG III semester, 5 YDDIPG (integrated) IV semester.
 - c) During third year:
5 YDDIPG V semester, 5 YDDIPG VI semester.
 - d) During fourth year:
5 YDDIPG VII semester, 5 YDDIPG VIII semester.
 - e) During fifth year:
5 YDDIPG IX semester, 5 YDDIPG X semester.

- 3.3 There will be full examination at the end of each semester consisting of end semester of theory and practical of all the subjects. Supplementary examination, will not be conducted separately.
- 3.4 (a) Every candidates of this 5YDDIPG programme shall have to undertake a dissertation work (DW).The topic of the dissertation shall be allotted at the end of the eighth semester examination. The topic shall be chosen from current innovative fields of importance. The allotment procedure shall be decided by the department of the concerned branch of the UTD.
- (b) The topic of DW once decided shall not be changed.

4.0 PROMOTION TO HIGHER SEMESTER AND YEAR

A candidate who has been admitted in the 5 YDDIPG programme will be promoted to the higher class in accordance with the following rules:

- 4.1 For the award of degree minimum Cumulative Grade Point Average (CGPA) required is 5.0 and grade required is C.
- 4.2 To pass a particular subject of the programme the minimum required grade is D. However, the candidate should also separately score minimum of grade D in end semester examinations of theory and practical parts of the subject. For practical examinations at least one external examiner from outside the institute shall always be there.
- 4.3 A candidate who fails to score minimum of grade D in more than two subjects (Theory and Practical of the same subject shall be treated as two subjects) in a particular year, shall not be admitted to the next higher year.
- 4.4 The result of Tenth and final semester shall be declared only if the candidates has fully cleared all the previous semesters.
- 4.5 If a candidate has passed all the subjects of the Programme in tenth semester but has failed to score a minimum CGPA of 5.0

as per the requirement of rule 4.1 above, such a candidate shall be permitted to cover up the short fall in requisite grade point by reappearing in maximum of two theory papers chosen from subjects of any of the semesters in the ensuing examination.

- 4.6 Other than the provision of rule 4.5 above a candidate shall not be permitted to reappear, in the papers which he/she has cleared, for improvement of division/marks or for any other purpose.

5.0 AWARD OF CREDITS AND GRADES

- 5.1 Each Programme, along with its weightage in terms of units and equivalent credits, shall be recommended by the concerned Board of Studies and shall be approved by the standing committee of Academic Council and the Executive Council. Only approved programmes can be offered during any semester.
- 5.2 A student shall be continuously evaluated for his / her academic performance in a subject through tutorial work, practical, home assignment, mid-semester test, field work, seminars, quizzes, end-semester examinations and regularity, as proposed by respective Board of Studies and approved by standing committee of Academic Council and Executive Council of the University.
- 5.3 The distribution of weightage /marks for each component shall be decided by the respective of Board of Studies and approved by standing committee of Academic Council and Executive Council of the University subject to such stipulation as given under:

(a) Theory Block

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|------|-------------------------------------|-----|
| i. | Quizzes, assignments and regularity | 10% |
| ii. | Mid – semester test - | 20% |
| iii. | End – semester examination- | 70% |

Total	100%
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(b) Practical Block

i.	Lab work and performance, quizzes, assignments and regularity -	40%
ii.	End – semester examination-	60%
Total		100%

- 5.4 Practical training, and project work shall be treated as practical subjects.
- 5.5 In each semester, the department will be required to conduct at least two mid semester tests for theory block.
- 5.6 Each student, registered for a programme, shall be awarded grade by the concerned faculty / faculties for the specific subject/paper. The grades awarded to a student shall depend upon his continuous evaluation through performance in various examinations, assignments, quizzes, laboratory work, class work, mid semester test and regularity. The grades to be used and their numerical equivalents are as under :

Credit Based Grading System

Grade	%Marks range (based on absolute marks system)	Grade Point	Description of performance
A ⁺	91-100	10	Outstanding
A	81-90	9	Excellent
B ⁺	71-80	8	Very Good

B	61-70	7	Good
C ⁺	51-60	6	Average
C	41-50	5	Satisfactory
D	40 Only	4	Marginal
F	below 40	0	Fail.
I		0	Incomplete.
W		0	Withdrawal

5.7 The Semester Grade Points Average (SGPA) and Cumulative Grade Point Average (CGPA) shall be calculated as under:-

$$SGPA = \frac{\sum_{i=1}^n c_i p_i}{\sum_{i=1}^n c_i}$$

Where c_i is the number of credits offered in the i^{th} subject of a Semester for which SGPA is to be calculated, p_i is the corresponding grade point earned in the i^{th} subject, where $i = 1, 2, \dots, n$, are the number of subjects in that semester.

$$CGPA = \frac{\sum_{j=1}^m SG_j NC_j}{\sum_{j=1}^m NC_j}$$

here NC_j is the number of total credits offered in the j^{th} semester, SG_j is the SGPA earned in the j^{th} semester, where $j = 1, 2, \dots, m$, are the number of semesters in that programme.

6.0 CONDONATION OF DEFICIENCY

- 6.1 One grace mark will be given to the candidate who is failing/missing distinction/missing first division by one mark, on behalf of the Vice-Chancellor in the 5YDDIPG examination.

7.0 AWARD OF DIVISION

- 7.1 Division shall be awarded only after the tenth and final semester examination based on integrated performance of the candidate for all the five years as per following details

CGPA Score	Divisions
$7.5 \leq \text{CGPA}$	First Division With Honours
$6.5 \leq \text{CGPA} < 7.5$	First Division
$5.0 \leq \text{CGPA} < 6.5$	II Division

- 7.2 The conversion from grade to an equivalent percentage in a given academic program shall be according to the following formula applicable.

$$\text{Percentage marks scored} = \text{CGPA Obtained} \times 10$$

8.0 DURATION OF PROGRAMME

- 8.1 There shall be at least fourteen weeks of teaching in every semester.
- 8.2 One hour of conduct in Lecturer (L) / Tutorial (T) / Practical (P) per week shall be equal to one credit as allotted in the respective schemes.
- 8.3 A candidate may provisionally continue to attend next higher year, even if, the result of qualifying year / semester has not been declared. However, subsequently if he/she is not able to clear qualifying semester examination, the candidate cannot claim any right on the basis of his/her provisional admission.

- 8.4 The maximum duration of the programme shall be eight years. However, for one mercy attempt the para 24.1.4 of the Ordinance No.12: “Examination General” shall be applicable.

9.0 MERIT LIST

- 9.1 Branch wise final merit list of first three (3) candidates in the order of merit shall be declared by the University only after the main examination of the tenth and final semester for 5 YDDIPG programme, on the basis of the integrated performance of all the five years. The merit list shall include the first three candidates securing at least first division and passing all semesters in single attempts.

10.0 ATTENDANCE

- 10.1 Candidates appearing as regular students for any semester examination are required to attend 75 percent of the lectures delivered and the practical classes held separately in each subject of the programme of study, provided that a short fall in attendance upto 10% and a further 5% can be condoned by the Head of the department of UTD and Vice-Chancellor of the University, respectively for satisfactory reasons.

11.0 MEDIUM OF INSTRUCTION

- 11.1 The medium of instruction and examination shall be English throughout the programme of study.