

Examination Regulations for CBCS UG, PG programmes and Ph.D.

(Approved by Academic Council in its Meeting No.101 held on 25th September, 2019)

*EFFECTIVE FROM
ACADEMIC SESSION MO-2018*



BIRLA INSTITUTE OF TECHNOLOGY

(A Deemed to be University u/s 3 of UGC Act)

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I. UG PROGRAMME EXAMINATIONS

1. THEORY COURSES: The total of 100 marks are distributed as under:

(i) Semester End Examination 50%

The question paper will have 5 questions with one question from each of the 5 modules in the syllabus and there will be no choice. All 5 questions need to be answered to ensure compliance of course outcome as required by graduate attributes.

(ii) Continuous Internal Assessment 50%

The Continuous Internal Assessment shall consist of:

a) Mid semester examination 25%

Mid semester examination will be conducted by the examination section of the Institute. The question paper shall not carry any choice. There shall be five (5) questions each carrying 5 marks ($5 \times 5 = 25 \text{ marks}$)

b) Two Quizzes 20 % ($2 \times 10\%$)

There shall be two quizzes of 10 marks each. First quiz will be held before mid-semester examination and the second quiz before semester end examination. The two quizzes will be conducted by the department offering that course.

c) Teacher's Assessment 5%

This assessment shall be decided by the teacher(s) conducting that course. This may consist of assignment (s) / attendance / performance / participation in class/ viva. However, the chosen assessment tool shall be announced in the class before its commencement and shall be same for all sections of that course and for the same course at all centres where this course is being offered.

Common courses taught for multiple sections of the same paper, Quiz (es) across all sections shall be uniform i.e. same question paper to be used for the quizzes and the quizzes to be conducted on the same day and at same time. For common papers the department shall take the service of one common coordinator who shall be responsible for setting up of the question paper in consultation with the course teacher(s). Coordinators shall be appointed by the respective HoD / Directors of the Centres as the case may be. If a course is taught by more than one teacher there shall be one common coordinator for the course.

2. LABORATORY COURSES: The total of 100 marks are distributed as under:

(i) Continuous Internal Assessment 60% (Distribution is as follows)

a) Day to day performance & Lab files 30%

b) Quiz (es) 10%

c) Viva 20%

Sub total of 2.(i) 60%

(ii) Semester End Examination 40% (Distribution is as follows)

a) Examination Experiment Performance 30%

b) Quiz 10%

Sub total of 2 (ii) 40%

Grand Total 2.(i)+ 2.(ii) 100%

3. UG PROJECT: The total of 100 marks are distributed as under:

Project work may be carried out preferably independently or by a group of students not exceeding four (4). More than four students in a group shall be discouraged. Students opting for Industry Internship in lieu of project work shall do it preferably independently or as deemed by the concerned industry. Project work done in an outside institution shall be from institutions with current Engineering/Management/University NIRF ranking within forty. In the case of Pharmacy/Architecture students, the same shall be from institutions with current Pharmacy/Architecture NIRF ranking within twenty. In any case there shall be an academic guide from the parent institution. Students doing industry internship or research project in an outside organisation/ institute/university shall produce an internship / project completion certificate from the concerned organisation / institute /university to the HoD before the final examination.

Project evaluation shall be as follows:

a) External Examiner	50%
b) Project Guide	25%
c) DPEC	25%
TOTAL	100%

The Departmental Project Evaluation Committee (DPEC) shall be constituted by the Head of the Department with inputs from and approval of Dean (AP). The Guide of the candidate shall not participate in the evaluation process by the DPEC. The panel of external examiners to be provided by the Head of the Department shall be from institutions with current Engineering/University NIRF ranking within forty.

For Pharmacy and Architecture projects the panel of external examiners to be provided by the Head of the Department shall be from institutions with current Pharmacy/Architecture NIRF ranking within twenty.

4. Gold Medal for UG Students :

Gold medal in any discipline will be awarded to the UG student who has obtained the highest CGPA from among all students clearing the requirements for that degree in that year and has cleared all papers in one attempt.

II. PG PROGRAMME EXAMINATIONS

1. **THEORY COURSES** : The total of 100 marks are distributed as under:

(i) **Semester End Examination** **50%**

The question paper will have 5 questions with one question from each of the 5 modules in the syllabus and there will be no choice. All 5 questions need to be answered to ensure compliance of course outcome as required by graduate attributes.

(ii) **Continuous Internal Assessment** **50%**

The Continuous Internal Assessment shall consist of:

a) 3 Quizzes **30 % (3 × 10%)**

There shall be three quizzes of 10 marks each. The schedule of quizzes shall be as per the academic calendar of that year. The three quizzes will be conducted by the department offering that course.

b) Assignment (s) **10%**

c) Seminar before a committee **10%**

- The Seminar Evaluation Committee shall be appointed by the Head of the Department.
- All quiz (es), assignments, seminar topics shall be well defined and commensurate with Blooms taxonomy Level 3 and above

Common courses / Open electives courses taught for multiple sections of the same paper, Quiz (es) across all sections shall be uniform i.e. same question paper to be used for the quizzes and the quizzes to be conducted on the same day and at same time. For common papers the department shall take the service of one common coordinator who shall be responsible for setting up of the question paper in consultation with the course teacher(s). Coordinators shall be appointed by the respective HoD / Directors of the Centres as the case may be. If a course is taught by more than one teacher there shall be one common coordinator for the course.

2. **LABORATORY COURSES:** The total of 100 marks are distributed as under:

(i) **Continuous Internal Assessment** **60% (Distribution is as follows)**

a) Day to day performance & Lab files **30%**

b) Quiz (es) **10%**

c) Viva **20%**

Sub total of 2.(i) **60%**

(ii) **Semester End Examination** **40% (Distribution is as follows)**

a) Examination Experiment Performance **30%**

b) Quiz **10%**

Sub total of 2 ii) **40%**

Grand Total 2.(i)+ 2.(ii) 100%

3. PG PROJECT

Every student shall carry out a Project work independently only. PG project in 3rd semester and 4th semester shall be evaluated independently. Project work done in an outside institution shall be from institutions with current Engineering/Management/University NIRF ranking within forty. In the case of Pharmacy/Architecture students, the same shall be from institutions with current Pharmacy/Architecture NIRF ranking within twenty. In any case there shall be an academic guide from the parent institution.

Project evaluation shall be as follows:

a) External Examiner	50%
b) Project Guide	25%
c) DPEC	25%
TOTAL	100%

The Departmental Project Evaluation Committee (DPEC) shall be constituted by the Head of the Department with inputs from and approval of Dean (AP). The Guide of the candidate shall not participate in the evaluation process by the DPEC. The panel of external examiners to be provided by the Head of the Department shall be from institutions with current Engineering/Management/University NIRF ranking within forty.

For Pharmacy and Architecture projects the panel of external examiners to be provided by the Head of the Department shall be from institutions with current Pharmacy/Architecture NIRF ranking within twenty.

III. PROGRESSION TO HIGHER SEMESTERS:

1. Students in UG programme shall not be permitted to register in the following semester without clearing the course levels/s as mentioned hereunder required as per CBCS course structure of the respective programme:
 - i) 5th semester / 3rd level with any backlog in the 1st level of courses.
 - ii) 7th semester / 4th level with any backlog in the 2nd level of courses.
 - iii) 9th semester / 5th level with any backlog in the 3rd level of courses.
 - iv) MT 123 Business Communications (Level 1 Course) offered at III level, 6th is exempted from the above clauses.
2. Students in PG programme shall not be permitted to register for 4th semester without clearing the 1st and 2nd semester courses required as per CBCS course structure of the respective programme.
3. Students of MCA, BCA and BBA students (3 year programme) shall not be permitted to register in the following semester without clearing the course levels/s as mentioned hereunder required as per CBCS course structure of the respective programme:
 - i) 4th semester / 2nd level with any backlog in the 1st level of courses.
4. For I M.Sc. Students UG regulations will be followed up to first 6 semesters of the programme and from 7th semester onward PG regulations will be applicable.

IV. EXAMINATIONS FOR BACKLOG COURSE/S:

- 1 Students registering for backlog course shall pay a fee of Rs. 5,000 / - only per backlog course.
- 2 Students registering only backlog courses in a chosen regular semester under additional semester option, shall pay the regular semester tuition fee applicable to him / her.
- 3 A student's internal assessment marks shall be protected for the second appearance in the examination. However, a backlog student (who has mandatory attendance but has failed in a course due to underperformance) may opt to improve his internal assessment marks by choosing to re-appear in internal assessment but shall appear in all the components under internal assessment like mid semester examinations, quizzes (if any) and re-submission of assignment, etc. In such cases, the higher internal assessment out of the two shall be considered for total marks. Compartmental appearance in internal assessment shall not be permitted. A student shall appear for 100% marks in Semester End Examination/s in the case of reappearance after second appearance.
- 4 A student shall register for a maximum of 2 theory courses and 1 lab course in a backlog examination irrespective of the credit weightage for the chosen course/s.
- 5 Only students who do not have mandatory attendance shall repeat the course. Such repetition shall be done only in summer short semester. The fee payable by such summer semester students is as per UG PG ordinances 2018 under clause 5.

V. Ph.D. PROGRAMME EXAMINATIONS:

1. The qualifying grade for clearance of Ph.D. course work shall be as per PG grade pattern* in all courses taken by the Ph.D. candidate.

For the Ph.D. Candidates with Institute Research Fellowship (IRF), the continuation of IRF shall depend on obtaining C or higher grade as per PG grade pattern* in all courses taken by the IRF.

2. Ph.D. theses shall be admissible for evaluation, only when these are based on two research articles published in SCI/SCIE/SSCI indexed journals.

For Ph.D. in Management and Architecture, theses shall be admissible for evaluation, only when these are based on two research articles published in SCI/SCIE/SSCI/AHCI/ABDC/non-paid Scopus indexed journals. This relaxation from common norms shall remain in force for three years and to be reviewed thereafter.

3. At least in one publication, the research scholar should be the first author with his/her guide and/or co-guide as the only co-author(s). The second research article shall also have the Ph.D. candidate as the first author but may have co-authors(s) other than the guide/co-guide if required.

4. For evaluation of the thesis submitted by the Ph.D. scholar, the Doctoral Committee (DC) after due verification of all compliance requirements, shall recommend names of five foreign examiners from reputed institutions whose current QS world ranking should be within five hundred and five examiners from Institutions within India having current Engineering/Management/ University NIRF Ranking within forty.

For Pharmacy and Architecture Ph.D. theses, the panel of Indian external examiners to be provided by the DC shall be from institutions with current Pharmacy/Architecture NIRF ranking within twenty.