



बिरला प्रौद्योगिकी संस्थान BIRLA INSTITUTE OF TECHNOLOGY

(वि. अनु. आ. अधिनियम १९५६ की धारा ३ के तहत मानित विश्वविद्यालय | A Deemed to be University u/s 3 of UGC Act, 1956)
मेसरा, राँची - ८३५२१५ (भारत) | MESRA, RANCHI - 835 215 (INDIA)



सीबीसीएस यूजी, पीजी कार्यक्रमों और पीएच.डी. के लिए परीक्षा विनियम।

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

(Approved by the Academic Council in its 108th Meeting held on 25th November 2021)

(शैक्षणिक सत्र एम०ओ०-2021)

(EFFECTIVE FROM ACADEMIC SESSION MO-2021)

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I. EXAMINATIONS FOR THE UNDER-GRADUATE (UG) PROGRAMME

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

a) **Semester End Examination [50%]**

The Question Paper will have 05 questions with one question from each of the five modules of the syllabus, and there will be no choice. All 05 questions need to be answered to ensure compliance of course outcome as required by graduate attributes.

b) **Continuous Internal Assessment [50%]**

The Continuous Internal Assessment shall consist of:

i) **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 (05) questions, each carrying 5 marks ($5 \times 5 = 25$ marks).

ii) **Two Quizzes [20% (2 X 10%)]**

There shall be two quizzes of 10 marks each. First Quiz will be held before the mid-semester examination and the Second Quiz before the Semester-End examination. The two quizzes will be conducted by the department offering that course.

iii) **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 by the teacher(s) before its commencement and shall be the 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 the same time. For common papers, the department shall take the service of one common coordinator who shall be responsible for setting up the Question Paper in consultation with the course teacher(s). Coordinators shall be appointed by the respective Head of the Department/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: [100 Marks (Distributed as under)]:**

a) **Continuous Internal Assessment [60% (Distribution is as follows)]**

- | | |
|---|--------------|
| i) Day-to-day performance and Lab files | [30%] |
| ii) Quiz(es) | [10%] |
| iii) Viva | [20%] |
| Subtotal of 2.(a) | [60%] |



b) Semester-End Examination	[40% (Distribution is as follows)]
i) Examination Experiment Performance	[30%]
ii) Quiz	[10%]
Subtotal of 2.(b)	[40%]
Grand Total 2.(a)+(b)	[100%]

While successful completion of any course shall depend on the pass marks set for that course, since the Semester End-Examinations cover the whole curriculum for that course, appearance in Semester End-Examination shall be mandatory.

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 an Industry Internship in lieu of project work shall do it preferably independently or as deemed by the concerned industry. Project work done outside Institution shall be from Institutions with current Engineering/Science/Management/ University NIRF ranking within 100. In the case of Pharmacy/Architecture students, the same shall be from Institutions with current Pharmacy/Architecture NIRF ranking within 50. In any case, there shall be an academic guide from the parent Institution. Students doing industry internships or research projects in an outside Organization/Institute/University shall produce an internship/project completion certificate from the concerned Organisation/Institute/University to the Head of the Department before the final examination.

Project evaluation shall be as follows:

a) External Examiner	[50%]
b) Project Guide	[25%]
c) Departmental Project Evaluation Committee (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 (UGS). 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/Science/Management/University NIRF ranking within 100.

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 50.

A plagiarism check is mandatory for the evaluation of all the Dissertations.

4. Guidelines for Summer Training of the Students of UG Sixth Semester

The Undergraduate students of Sixth Semester under CBCS Course will have to undergo a Summer Training Programme in a reputed Organization, which shall be a part of the Course Curriculum for the award of degree.



Further, the student will have to prepare a Report, duly certified by the Summer Training Organization soon after the completion of the Summer Training. The Head of the Department shall constitute an Evaluation Committee to conduct the Viva-Voce of these students. The Viva-Voce examination shall be conducted after the completion of Summer Training.

The break-up of marks shall be as under:

- a) Progressive evaluation (50%) : Based on Summer Training Report
- b) End-semester Evaluation (50%) : Based on Viva-Voce conducted in the Department by a Committee.

5. 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. EXAMINATIONS FOR POST-GRADUATE (PG) PROGRAMME

1. THEORY COURSES: [100 Marks (Distributed as under)]:

a) Semester End-Examination [50%]

The Question Paper will have 05 questions with one question from each of the 05 modules in the syllabus and there will be no choice. All 05 questions need to be answered to ensure compliance of course outcome as required by graduate attributes.

b) Continuous Internal Assessment [50%]

The Continuous Internal Assessment shall consist of:

i) 3 Quizzes [30% (3 X 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.

ii) Assignment (s) [10%]

iii) 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 the same time. For common papers, the department shall take the services 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 Head of the Department / 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:

a) Continuous Internal Assessment	[60% (Distribution is as follows)]
i) Day to day performance and Lab files	[30%]
ii) Quiz(es)	[10%]
iii) Viva	[20%]
Sub total of 2.(a)	[60%]
b) Semester End-Examination	[40% (Distribution is as follows)]
i) Examination Experiment Performance	[30%]
ii) Quiz	[10%]
Sub total of 2.(b)	[40%]
Grand Total 2.(i)+ 2.(ii)	[100%]

While successful completion of any course shall depend on the pass marks set for that course, since the Semester End-Examinations cover the whole curriculum for that course, appearance in Semester End-Examination shall be mandatory.

3. **POST-GRADUATE (PG) PROJECT**

Every student shall carry out a Project work independently only. PG projects in 3rd semester and 4th semester shall be evaluated independently. Project work done in an outside Institution shall be from Institutions with current Engineering/Science/Management/ University NIRF ranking within 100. In the case of Pharmacy/Architecture students, the same shall be from Institutions with current Pharmacy/Architecture NIRF ranking within 50. 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) Departmental Project Evaluation Committee (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 (PGS). 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/Science/Management/ University NIRF ranking within 100.

For Pharmacy/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 50.

A plagiarism check is mandatory for the evaluation of all the Dissertations.

III. **PROGRESSION TO HIGHER SEMESTERS**

1. Students in UG programme shall not be permitted to register in the following semester without clearing the course level(s) as mentioned hereunder,



required as per CBCS course structure of the respective programme:

- a) 5th Semester with any backlog in the 1st and 2nd Semester
 - b) 7th semester with any backlog in the 3rd and 4th semester.
 - c) 9th semester with any backlog in the 5th and 6th semester.
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 BCA and BBA (3-year programme) shall not be permitted to register in the following semester without clearing the course level(s) as mentioned hereunder, required as per CBCS course structure of the respective programme:
 - a) 4th semester with any backlog in the 1st and 2nd Semester.
 4. For I. M.Sc. students, the UG Regulations will be followed up to first 6 semesters of the programme and from 7th Semester onward PG Regulations will be applicable.

IV. MAKE-UP EXAMINATION FOR THE CBCS STUDENTS

As per the CBCS Curriculum, some of the subjects have prerequisite requirements. Therefore, a student having backlog(s) cannot register in a course that has a prerequisite in the Lower-Semesters. Students with such backlog cases need immediate attention; otherwise, in addition to the backlog(s), the papers in which he/she is not allowed to register due to backlog in Lower- Semesters would result in an accumulation of backlog(s) as the student progresses to the higher semester. The provision of Make-up Examinations will minimize this problem to a greater extent.

The Make-up Examination shall be conducted within a short period i.e., just after the declaration of End-Semester results.

The entire process of Make-up Examinations should be completed before the registration of the next semester to facilitate the students to register in the next semester.

Students having failed Grade "F" in theory courses shall only be eligible to register for Make-up Examination, while the students having "F*" in theory courses and "F/F*" in laboratory / sessional courses shall not be eligible to register for Make-up Examination. These students shall be eligible to register only in the Summer Short-Semester / Additional semesters.

The maximum credit a student can register would be equal to the total credits of theory courses of that semester. The registration fee for each course shall be Rs. 5,000/-. Examinations shall be conducted for 100 marks, and a maximum Grade of 'C' shall be awarded to the students.

V. SUMMER SHORT SEMESTER EXAMINATIONS

A student must secure 75% attendance in a course during the regular semester to appear in the end-semester examinations. A student having shortage of attendance (less than 75% attendance) shall repeat the course in a Short Semester(SS).



The Short Semester programme will be scheduled during the long Institute vacations, after the completion of regular semester. A student is permitted to register only if he/she had registered for these courses earlier in the regular semesters and have secured "F/F*". The number of credits a student will be allowed to register in a Short Semester will not exceed twelve (12). Students registering in the short semester will have to attend classes mandatorily.

The fee payable by the students registering in the Summer Short Semester is as per the UG and PG Ordinance 2021 under clause 5.

VI. EXAMINATIONS FOR PHD PROGRAMME

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/AHCI/ABDC indexed journals.
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 500 and five examiners from Institutions within India having current Engineering/Science/Management/ University NIRF Ranking within 100.

For Pharmacy/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 50.

VII. PLAGIARISM POLICY FOR UG/PG/PHD STUDENTS

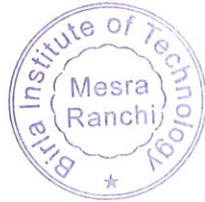
1. A plagiarism check is mandatory for the evaluation of all the Dissertations, Thesis and Project Reports at all levels (i.e., B. Tech, M. Tech. and Ph.D.) using widely acceptable Software such as 'authenticate', etc.
2. A copy of the Plagiarism Report should also be submitted along with the Dissertations, Theses and Project Reports.
3. There is the Limit-of-Confidence for the Plagiarism Report of Dissertations, Theses, and Project Reports. As per UGC's anti-plagiarism policy, the



allowable Limit-of-Confidence shall be 10% after excluding the contents of original research papers published by the concerned students/ scholars, the references with the titles of the papers.

4. In case Plagiarism is found, it shall be brought in the knowledge of Dean (PGS) /Dean (UGS). The Institute has the liberty to reject the Thesis/ dissertation / project in case of noncompliance or plagiarism.
5. The limit may be relaxed up to a maximum of 20% with the due justification of the Supervisor and approval of the Dean (PGS) / Dean (UGS).
6. The supervisor shall be responsible for the Plagiarism Check.

Place: Mesra, Ranchi
Date : 23.06.2022



Registrar

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