DHANARUA SCHOOL OF NURSING & PARAMEDICS

At- Awdhara, Pavery, Dhanarua, patna-804451

EXAMINATION CURRICULUM

BACHELOR OF PHARMACY (B.Pharm)
AND
DIPLOMA IN PHARMACY (D.Pharm)

PCI Regulatory Framework
B.Pharm Course Regulations, 2014 (applicable CBCS scheme)
D.Pharm Education Regulations, 2020 (ER-2020)

B.PHARM EXAMINATION CURRICULUM

1. General Course Information

Particulars	Details
Course Name	Bachelor of Pharmacy
Course Abbreviation	B.Pharm
Duration	4 Years
Academic Structure	8 Semesters
Examination System	Semester-wise
Assessment	Internal and External
Examination Authority	Concerned University

2. Semester-wise Theory Subjects

Semester	Subjects
I	Human Anatomy & Physiology-I; Pharmaceutical Analysis-I; Pharmaceutics-I; Pharmaceutical Inorganic Chemistry; Communication Skills; Remedial Biology/Mathematics.
II	Human Anatomy & Physiology-II; Pharmaceutical Organic Chemistry-I; Biochemistry; Pathophysiology; Computer Applications; Environmental Sciences.
III	Pharmaceutical Organic Chemistry-II; Physical Pharmaceutics-I; Pharmaceutical Microbiology; Pharmaceutical Engineering.
IV	Pharmaceutical Organic Chemistry-III; Medicinal Chemistry-I; Physical Pharmaceutics-II; Pharmacology-I; Pharmacognosy & Phytochemistry-I.

V	Medicinal Chemistry-II; Industrial Pharmacy-I; Pharmacology-II; Pharmacognosy & Phytochemistry-II; Pharmaceutical Jurisprudence.
VI	Medicinal Chemistry-III; Pharmacology-III; Herbal Drug Technology; Biopharmaceutics & Pharmacokinetics; Pharmaceutical Biotechnology; Quality Assurance.
VII	Instrumental Methods of Analysis; Industrial Pharmacy-II; Pharmacy Practice; Novel Drug Delivery System.
VIII	Biostatistics & Research Methodology; Social & Preventive Pharmacy; Elective Subjects; Project Work.

Practical subjects are conducted alongside the prescribed theory subjects as per the applicable PCI syllabus and university scheme.

B.PHARM – ASSESSMENT AND EXAMINATION

3. Theory and Practical Marks Distribution

Assessment	Theory	Practical
Internal Sessional Examination	15	10
Continuous Assessment	10	5
External University Examination	75	35
TOTAL	100	50

Typical examination duration: Theory – 3 hours; Practical – generally 4 hours, subject to the applicable scheme and university instructions.

4. Internal Assessment

A. Theory – 25 Marks

Assessment Component	Marks
Sessional Examination	15
Attendance	4
Academic Activities	3
Student-Teacher Interaction	3
TOTAL	25

B. Practical – 15 Marks

Assessment Component	Marks
Sessional Examination	10
Attendance	2
Practical Records & Viva	3
TOTAL	15

5. External Theory Examination Pattern – 75 Marks

Section	Question Pattern	Marks
A	20 Multiple Choice Questions × 1 mark	20
B	2 Long Answer Questions × 10 marks	20
C	7 Short Answer Questions × 5 marks	35
TOTAL		75

6. External Practical Examination Pattern – 35 Marks

Component	Marks
Synopsis	5
Experiment	25
Viva Voce	5
TOTAL	35

7. Passing Criteria

- Minimum 50% marks in each theory subject, combining internal and external assessment.
- Minimum 50% marks in each practical subject, combining internal and external assessment.
- Theory and practical examinations must be passed separately.
- Failed subjects must be cleared according to the applicable university examination regulations.

8. Academic Progression:

A student shall be eligible to carry forward all the courses of I, II and III semesters till the IV semester examinations. However, he/she shall not be eligible to attend the courses of V semester until all the courses of I and II semesters are successfully completed.

A student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of I, II, III and IV semesters are successfully completed.

A student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of I, II, III, IV, V and VI semesters are successfully completed.

A lateral entry student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of III and IV semesters are successfully completed.

A lateral entry student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of III, IV, V and VI semesters are successfully completed.

Any student who has given more than 4 chances for successful completion of I / III semester courses and more than 3 chances for successful completion of II / IV semester courses shall be permitted to attend V / VII semester classes ONLY during the subsequent academic year as the case may be. In simpler terms there shall NOT be any ODD BATCH for any semester.

D.PHARM EXAMINATION CURRICULUM

1. General Course Information

Particulars	Details
Course Name	Diploma in Pharmacy
Course Abbreviation	D.Pharm
Duration	2 Academic Years
Academic Structure	Part-I and Part-II
Examination System	Annual Examination
Practical Training	500 Hours
Assessment	Internal and External
Examination Authority	State Examining Authority / Board

2. D.Pharm Part-I Subjects

S.No.	Subject	Theory Hours	Practical Hours
1	Pharmaceutics	75	75
2	Pharmaceutical Chemistry	75	75
3	Pharmacognosy	75	75
4	Human Anatomy & Physiology	75	75
5	Social Pharmacy	75	75

3. D.Pharm Part-II Subjects

S.No.	Subject	Theory Hours	Practical Hours
1	Pharmacology	75	50
2	Community Pharmacy & Management	75	50
3	Biochemistry & Clinical Pathology	75	50
4	Pharmacotherapeutics	75	50
5	Hospital & Clinical Pharmacy	75	50
6	Pharmacy Law & Ethics	75	—

4. Theory and Practical Marks Distribution

Assessment	Theory	Practical
Internal Assessment	20	20
External Examination	80	80
TOTAL	100	100

Typical examination duration: Theory – 3 hours; Practical – 3 hours, subject to the applicable examining-authority instructions.

D.PHARM – ASSESSMENT AND EXAMINATION

5. Internal Assessment

A. Theory – 20 Marks

Internal assessment is conducted through sessional examinations and other prescribed academic activities, as applicable under PCI ER-2020 and the examining authority's instructions.

B. Practical – 20 Marks

Practical internal assessment may include sessional practical examination, practical performance, assignments and field-visit reports, wherever prescribed. The exact allocation must follow the applicable PCI curriculum and examining-authority scheme.

6. External Theory Question Paper Pattern – 80 Marks

Section	Question Pattern	Marks
A	6 Long Answer Questions out of 7 × 5 marks	30
B	10 Short Answer Questions out of 11 × 3 marks	30
C	10 Very Short Answer Questions out of 11 × 2 marks	20
TOTAL		80

7. External Practical Examination Pattern – 80 Marks

Component	Marks
Synopsis	10
Experiments	60
Viva Voce	10
TOTAL	80

8. Passing Criteria

- Minimum 50% marks in each theory subject, including internal assessment.
- Minimum 50% marks in each practical subject, including internal assessment.
- Theory and practical examinations must be passed separately.
- Supplementary examinations shall be conducted according to the applicable examining-authority regulations.

9. Practical Training Requirements

- Total practical training: 500 hours.
- Training must be completed in an approved pharmacy or hospital setting, as prescribed.
- Practical training records must be maintained.
- The prescribed training completion certificate must be obtained and submitted.