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GOVERNOR'S SECRETARIAT, BIHAR  
RAJ BHAVAN, PATNA-800022

Letter No.PU-(Regulations)-35/2013- 76/ GS(I), Dated 10.01.2014

From,  
U.K. Choubey  
Addl. Secretary

To,  
The Vice Chancellor  
Patna University  
Patna.

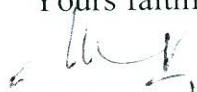
Sub:- Regarding approval of the Amended Admission Ordinance (Semester System) and Amendment in the Examination Regulations (Semester System) of **M.Sc. in Biochemistry**, a self-financing course.

Sir,  
I am directed to invite a reference to the University's letters no Acad/1353, dated 27.09.2013, Acad/1550, dated 29.10.2013, Acad/1572, dated 30.10.2013 and Acad/1596, dated 02.11.2013 on the subject noted above and to inform that the Hon'ble Chancellor, after due consideration of the proposal of the University, advice of the Advisory Committee and in exercise of powers vested in him under Section 38(4) and 39(2)(ii-proviso) of the Patna University Act, 1976, as amended up to date, has been pleased to approve the Amended Admission Ordinance (Semester System) and Amendment in the Examination Regulations (Semester System) of **M.Sc. in Biochemistry** a self-financing course (**copy enclosed**) with the condition to communicate the approval of the Ordinance and Regulations by the Senate in the very next meeting to this Secretariat.

Further necessary action may kindly be taken accordingly.

Yours faithfully

Encl:-As above

  
(U.K. Choubey)  
Addl. Secretary



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Yours faithfully

Encl:-As above

Sd/-  
(U.K. Choubey)  
Addl. Secretary

Memo No. PU-(Regulations)-35/2013-

GS(I) Dated

Copy alongwith copy of approved Amended Admission Ordinance (Semester System) and Amendment in the Examination Regulations (Semester System) of M.Sc. in Biochemistry, a self-financing course forwarded to Principal Secretary, Education Department, Govt. of Bihar for information and necessary action.

Encl:-As above

Sd/-  
(U.K. Choubey)  
Addl. Secretary

Memo No. PU-(Regulations)-35/2013-

76/ GS(I)

Dated 10-01-2014

Copy alongwith copy of approved Amended Admission Ordinance (Semester System) and Amendment in the Examination Regulations (Semester System) of M.Sc. in Biochemistry, a self-financing course forwarded to Scientist-D, In-charge Computer Cell, Raj Bhavan, Patna for uploading on the website of Raj Bhavan/Guard File of Regulations and Ordinance of Patna University, Patna.

Encl:-As above

(U.K. Choubey)  
Addl. Secretary



### PATNA UNIVERSITY

#### Proposed Amended Ordinance for Admission of Students to Post Graduate Degree Course in Biochemistry (Semester System).

1. Admission to M.Sc. Biochemistry course (Semester System) is open to candidates who have passed B.Sc. (Hons.) or M.B.B.S. examination or equivalent conducted by a University established or incorporated by law and are eligible to apply for admission.
2. Admission to the Post Graduate Course in Biochemistry shall be made on the basis of the marks obtained at the Aptitude/Entrance Test conducted by the Department.
3. Number of seats of the course shall be 32.
4. The reservation of seats for the course shall be as per rules of the Patna University.

5. The fee structure of the course per semester applicable from session 2012 will be as follows:

SN	Head	Merit	Paid	Sponsored
1.	Admission Fee	- 1000.00	2000.00	5000.00
2.	Tuition Fee	- 4000.00	8000.00	15000.00
3.	Miscellaneous Fee	- 10000.00	15000.00	30000.00
4.	Exam. Fee	- 1100.00	1100.00	1100.00
5.	Refundable Lab, Caution Money (one time at admission in semester-1)-	1000.00	1000.00	1000.00
6.	Refundable Lab, Caution Money (one time at admission in semester-1)-	1000.00	1000.00	1000.00
7.	Supervisor Fee (one time at admission in semester-3)-	1000.00	1000.00	1000.00
<b>Total (M.Sc. Semester -1 and 2) -</b>		<b>18100.00</b>	<b>28100.00</b>	<b>53100.00</b>
<b>M.Sc. Semester - 3 -</b>		<b>17100.00</b>	<b>27100.00</b>	<b>52100.00</b>
<b>M.Sc. Semester - 4 -</b>		<b>16100.00</b>	<b>26100.00</b>	<b>51100.00</b>

The full course fee shall be payable at the time of admission in each semester.

7. Every candidate shall have to pay Rs.500/-only (Rupees Five hundred only) as examination fee payable every year.
8. The fee structures may be reviewed every three years by the Vice-Chancellor in consultation with the Head of the Department.
9. The Post Graduate Degree in Biochemistry Course shall be place in the Faculty of Science.

B. K. Mishra  
6.12.13

Laxmi Bhatnagar  
6-12-13

PROPOSED AMENDMENT IN REGULATIONS FOR M.Sc. BIOCHEMISTRY COURSE

Amendment No. 1:-

The entire existing provision in clause 1 be replaced by the following:-

Every student shall undergo a certified study extending to two years comprising 4 semesters, each semester of 6 months duration. Every year the academic session of semester I & III will run from July to December whereas of semester II & IV will run from January to June.

Amendment No. 2:-

The existing provision in clause 5 be replaced as follow:

The M.Sc. Examination in Biochemistry(semester system ) shall be conducted as per regulations approved by the Chancellor of Universities of Bihar and communicated by the Governor's Secretariat, Bihar vide letter No. P.U.-12/2012-1417/GS (1) dated 05.10.2012 on the subject" Regarding approval of the proposed ordinances and regulation of M.A., M.Sc., M.Com and M.Ed courses (semester system)" together with amendments issued vide letter No P.U. (Regulations)-12/2012-1434/GS(1) dated 17.07.2013 on the subject "Regarding approval of the proposed amendments in existing regulation of M.A., M.Sc. and M.Com Courses of Patna University, Patna under semester system."

Amendment No. 3:-

The existing provision in clause 6 be replaced as follows:

a) In Biochemistry subject there shall be four semesters. The course of study in Biochemistry shall be as follows:

Semester I:	Paper BCH 101:	Organic and Biophysical Chemistry
	Paper BCH 102:	Cell and Molecular Biology
	Paper BCH 103:	Tool & Techniques, Biostatistics, Basic Computer Skill and Research Methodologies
Semester II:	Paper BCH 104:	Practical - Clinical Chemistry
	Paper BCH 201:	Bioenergetics & Bio molecules
	Paper BCH 202:	Plant Biochemistry
	Paper BCH 203:	Human Physiology
	Paper BCH 204:	Practical - Hematology & Biochemistry
Semester III:	Paper BCH 301:	Dissertation / Mini Project
	Paper BCH 302:	Enzymology
	Paper BCH 303:	Immunology & Immunochemistry
	Paper BCH 304:	Practical - Analytical chemistry, Immunology & Enzymology
Semester IV:	Paper BCH 401:	Biotechnology & Bioinformatics
	Paper BCH 402:	Elective I Microbial Biochemistry
	Paper BCH 403:	Elective II Clinical Biochemistry
	Paper BCH 404:	Practical - Both Elective papers

Hegha Yadav  
26/08/13  
Kumar Prady  
26/08/13

26.8.13  
28/8/13

Shree Ram Padmadas  
26/8/13  
A.R. Mishra  
6-12-13

(131)  
Amendment  
1/6/13



130  
16/8/13

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- b) Each paper shall carry 100 marks. The examination of theoretical core papers shall be of three hours duration and the practical paper of six hours duration. The paper on dissertation/Mini Project shall also carry 100 marks (based on evaluation of the project report and viva-voce)

**Amendment No. 4:- Insertion of a new clause No. 9:-**

- A) Notwithstanding with the academic activities of the department and in order to provide a professional experience to students of this department, a diagnostic laboratory be established in the department equipped with sophisticated equipments meant for all latest types of Biochemical, Microbiological and Pathological tests for the diagnosis and evaluation of diseases of the samples received from patients of the University /Different Hospitals/Nursing Homes and Private Clinics on the terms and conditions mentioned below:-
  - a) Approved charges will be collected in the department for the tests from the patients.
  - b) Approved subsidized charges will be applicable for P.U. personnel and their dependents.
  - c) Test Report will be given under the name "P.U. Diagnostics" located in the Department of Biochemistry, Patna University, Biology Block 2, Patna Science College Campus, Patna -800005.
  - d) Tests will be carried out by the Research students of this department under the supervision of duly approved Registered Specialists.
  - e) 40% amount received from the patients will be distributed among the Registered Specialist, Medical Laboratory Technicians and Research Scholars in the following manner- Registered Specialist – 10%, Medical Laboratory Technicians – 10% and Research student performing the test – 20%.
  - f) 20% amount received from the patients will be the share of the University.
  - g) 40% amount received from the patients will be kept in the department towards the cost of the chemicals, glassware's and maintenance of the equipments.
  - h) All the rules framed by the Govt. towards providing privileges to poor sections of the Society will be applicable.
- B) The staff meant for performing Biochemical, Haematological and Microbiological tests in the Central Dispensary, Patna University should be transferred / deputed in the Department of Biochemistry for performing the same work.

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Hegde Padma  
26/08/13

26/08/13

Kumar Ranaj  
26/08/13

26.8.13

26/8/13

S.R. Padmadeo  
(S.R. Padmadeo)  
Head of the department

B.K. Shikha  
6.12.13

6.12.13

6-12-13