



DEPARTMENT OF BIOCHEMISTRY

Patna University, Patna - 800 005

Ref.:

Date: 18/12/18


To The Pro-Vice-Chancellor
Patna University, Patna

Sub:- Submission of four Reports.

Madam

Herewith submitting the following Reports.

1. Evaluation Report of the Department
2. Record of percentage change in Syllabus
3. Annual Report 2017-18
4. 18 page performance (NAAC)


18/12/18

Head,
Dept. of Bio-Chemistry
Patna University

Record of percentage change in Syllabus

Name of the Department :

Name of the Program: *Biochemistry*

Paper No	Name of Paper	Whether included in year 2013-14 (Yes/No)	Whether included in year 2017-18 (Yes/No)	Percentage revised in Content #	Year of introduction or revision*	Remark (pls. mark which paper is a value added or skill development paper)
01	<i>Organic & Biophysical Chem.</i>	<i>YES (102)</i>	<i>YES (CC-1)</i>	<i>20%</i>	<i>2012</i>	
02	<i>Cell & Membrane Biology</i>	<i>YES (102)</i>	<i>YES (CC-2)</i>	<i>25%</i>	<i>2012</i>	
03	<i>Bioenergetics & Intermediary Met.</i>	<i>YES (201)</i>	<i>YES (CC-5)</i>	<i>30%</i>	<i>2012</i>	
04	<i>Plant Biochemistry</i>	<i>YES (202)</i>	<i>YES (CC-8)</i>	<i>10%</i>	<i>2012</i>	
05	<i>Cell Differentiation & Human Phy.</i>	<i>YES (203)</i>	<i>YES (CC-11)</i>	<i>15%</i>	<i>2012</i>	
06	<i>Practical</i>	<i>YES (104)</i>	<i>YES (CC-4)</i>	<i>—</i>	<i>—</i>	<i>Skill Development</i>
07	<i>Practical</i>	<i>YES (204)</i>	<i>YES (CC-9)</i>	<i>20%</i>	<i>2012</i>	<i>Skill Development</i>
08	<i>Job Training by Project</i>	<i>NO</i>	<i>NO</i>	<i>—</i>	<i>—</i>	
09	<i>Enzymology</i>	<i>YES (302)</i>	<i>YES (CC-7)</i>	<i>—</i>	<i>—</i>	
10	<i>Immunology & Immunochemistry</i>	<i>YES (303)</i>	<i>YES (CC-12)</i>	<i>—</i>	<i>—</i>	
11	<i>Molecular Biology & G.E.</i>	<i>YES (401)</i>	<i>YES (CC-13)</i>	<i>30%</i>	<i>2012</i>	
12	<i>BioStatistics & Bioinformatics</i>	<i>YES (103)</i>	<i>YES (CC-3)</i>	<i>—</i>	<i>—</i>	<i>Skill Development</i>
13	<i>Microbiology / Clinical Bio</i>	<i>YES (402)</i>	<i>YES (EC-1)</i>	<i>—</i>	<i>—</i>	
14	<i>Practical</i>	<i>YES (304)</i>	<i>YES (CC-14)</i>	<i>40%</i>	<i>2017</i>	<i>Skill Development</i>
15	<i>Practical on Elective Paper</i>	<i>YES (404)</i>	<i>YES (EC-2)</i>	<i>—</i>	<i>—</i>	<i>Skill Development</i>
16	<i>Mini Research Project</i>	<i>YES (301)</i>	<i>YES (CC-10)</i>	<i>—</i>	<i>—</i>	<i>Skill Development</i>
<i>17.</i>						
Spl. Papers						
1.	<i>Microbiology</i>	<i>YES (402)</i>	<i>YES (EC-1)</i>	<i>—</i>	<i>—</i>	<i>Skill Development</i>
2.	<i>Clinical Biochemistry</i>	<i>YES (403)</i>	<i>YES (EC-1)</i>	<i>—</i>	<i>—</i>	<i>Skill Development</i>
Overall Change =	Total Change in Percentage		Number of Papers offered in Year 2017-18			

Please Consult the attached performa for filling-up the data.

*Mention all the years in which revisions have been carried out even in case of course/paper.

If the departments are running more than one programs, please do the same for all of them in the format given above.

Signature

Name of the HoD

To be submitted in NAAC office, Patna University

Proforma for Filling-Up Data Related to the Revision in Courses/Paper

स्नातकोत्तर विभाग - Biochemistry के विगत पाँच वर्षों 2013-18 के पाठ्यक्रमों में परिवर्तन का विवरण।

Name of the Program:

पेपर संख्या	पेपर का नाम तथा पेपर कोड सहित (Name of the Course/Paper with Code)	पेपर से हटाये गये विषय-वस्तु का विवरण (Details of the remove content)	पेपर में जोड़े गये विषय-वस्तु का विवरण (Details of the added content)
1	Organic & Biophysical Chemistry (CC-1)	Free Radicals in Bio.	Co-ordination Chemistry
2	Cell & Mol. Bio (CC-11)	Population Genetics	Signal Transduction
3	Bioenergetics & Inter. Med. (CC-6)	Thermodynamics	Carbohydrate, Lipid, Protein & N.Acid
4	Plant Biochemistry (CC-8) - Pigments, Photosynthesis	Photosynthesis	
5	Human Physiology (CC-11) - Cell Differentiation		Nutritional Biochemistry
6	Practical (CC-14)		
7	Practical Biochemistry (CC-9)		Qualitative & Quantitative test of Sec. Metabo.
8	Job Training by Project -		
9	Enzymology (CC-7)		
10	Immunology & Immunoch. (CC-12)		
11	Mol. Biology & Genetic Eng. (CC-13)	Hybridoma Technology	Bioinformatics
12	Biostatistics & Bioinfo. (CC-3)		
13	Microbiology/Clinical Biochem (EC-1)		Bacterial Genetics & Gene Rec.
14	Practical (304) Lysine Culture Test		Haematology
15	Practical on Elective Paper (404)		
16	Mini Research Project (301)		
17			
18			
19			

Signature

Name of the HoD

Patna University

NAAC SSR -related

Record of percentage change in Syllabus						
Name of the Department : Department of Biochemistry						
Name of the Program : M.Sc. (Biochemistry)						
Paper No	Name of Paper	Whether Included in Year 2013-14 (Yes/No)	Whether Included in Year 2017-18 (Yes/No)	Percentage Revised in Content #	Year of introduction of Revision *	Remarks (Pls. mark which paper is a value added or skill development paper)
01	Organic and Biophysical Chemistry	Yes	Yes	20%	2012	
02	Cell and Membrane Biology	Yes	Yes	25%	2012	
03	Bioenergetics & Intermediary Metabolism	Yes	Yes	30%	2012	
04	Plant Biochemistry	Yes	Yes	10%	2012	
05	Cell Differentiation & Human Physiology	Yes	Yes	15%	2012	
06	Practical	Yes	Yes	----	----	Skill Development
07	Practical	Yes	Yes	20%	2012	Skill Development
08	Job Training by Project	No	No	----	----	
09	Enzymology	Yes	Yes	----	----	
10	Immunology & Immunochemistry	Yes	Yes	----	----	
11	Molecular Biology and Genetic Engineering	Yes	Yes	30%	2012	
12	Biostatistics & Bioinformatics	Yes	Yes	----	----	Skill Development
13	Elective Paper (Microbiology / Clinical Biochemistry)	Yes	Yes	----	----	
14	Practical	Yes	Yes	40%	2017	Skill Development
15	Practical on Elective Paper	Yes	Yes	----	----	Skill Development
16	Mini Research Project	Yes	Yes	----	----	Skill Development
Spl. Papers						
01	Microbiology	Yes	Yes	----	----	Skill Development
02	Clinical Biochemistry	Yes	Yes	----	----	Skill Development
Overall Change = Total Change in Percentage/Number of Papers offered in Year 2017-18						

#Please consult the attached performa for filling – up the data.

*Mention all the years in which revisions have been carried out even in case of course/paper.

If the departments are running more than one programs, please do the same for all of them in the format given above.

To be submitted in NAAC office, Patna University

Signature



Name of HoD : Dr. Vivekanand Mishra