



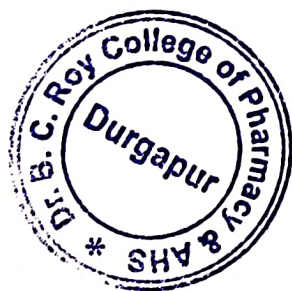
Approved by PCI & Affiliated to MAKAUT, WB and WBSCT&VE&SD
Dr. Meghnad Saha Sarani, Bidhannagar, Durgapur-713206, West Bengal (India)


1.2.1 Percentage of programs in which Choice Based Credit System (CBCS)/elective
course system has been implemented

Program Name: B. Pharm. Code: 019

List of Elective subjects

SL No	SUBJECT NAME	SUBJECT CODE	YEAR AND COURSE	YEAR OF INTRODUCTION
List of Elective Courses as per New Syllabus implemented from 2017-2018				
1.	Pharma Marketing Management	PT810A	B. Pharm. 4 th Yr, 8 th sem.	2017
2.	Computer Aided Drug Design	PT810B	B. Pharm. 4 th Yr, 8 th sem	2017
3.	Advanced Instrumentation Techniques	PT810C	B. Pharm. 4 th Yr, 8 th sem	2017
List of Elective Courses as per New Syllabus implemented from 2021-2022				
1.	Remedial Mathematics-Theory	M183	B. Pharm. 1 st Yr, 1 st sem	2021
2.	Remedial Biology-Theory	PTB184	B. Pharm. 1 st Yr, 1 st sem	2021
3.	Remedial Biology-Practical	PTB185	B. Pharm. 1 st Yr, 1 st sem	2021




Prof. (Dr.) Samir Kumar Samanta
M. Pharm., Ph.D (J.U.)
Principal
Dr. B. C. Roy College of Pharmacy & AHS
Durgapur, West Bengal-713206

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY
(Formerly West Bengal University of Technology)
B.PHARM Syllabus
(Effective from 2017-2018 Admission Session)

Semester VIII

Course code	Name of the course	No. of hours	Tutorial	Credit points
THEORY				
PT 817	Biostatistics and Research Methodology	3	1	4
PT818	Social and Preventive Pharmacy	3	1	4
PT810A	Pharma Marketing Management(Elective)*	3×2=6	1×2=2	4×2=8
PT810B	Computer Aided Drug Design(Elective)*			
PT810C	Advanced Instrumentation Techniques(Elective)*			
SESSIONAL				
PT 883	Project Work	12	-	6
Total		24	4	22

- *** A student has to opt any two(2) electives**

Table-IX: Semester wise credits distribution

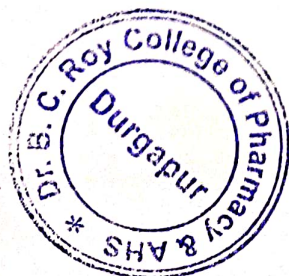
Semester	Credit Points
I	30
II	30
III	24
IV	28
V	26
VI	30
VII	24
VIII	22
Extracurricular/ Co curricular activities	01*
Total credit points for the program	215

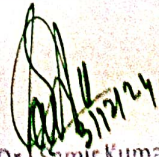
* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

Note: For Lateral Entry Students

Two subjects namely - Communication Skills (Theory & Practical) and Computer applications in Pharmacy (Theory & Practical) which are already in the syllabus of 1st year students as non-University examination (NUE Sessional) need to be added as proposed in PCI regulation and syllabus, as stated below.

- I. Computer Application in Pharmacy (Theory & Practical) in 7th semester.
- II. Communication Skills (Theory & Practical) in 8th Semester.




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Curriculum Structure
Semester I

Course Code	Name of the course	No. of hours	Tutorial	Full Marks	Credit points
THEORY					
PT105	Human Anatomy and Physiology I- Theory	3	1	100	4
PT101	Pharmaceutical Analysis I – Theory	3	1	100	4
PT106	Pharmaceutics I – Theory	3	1	100	4
PT103	Pharmaceutical Inorganic Chemistry – Theory	3	1	100	4
PRACTICAL					
PT195	Human Anatomy and Physiology– Practical	4	-	100	2
PT191	Pharmaceutical Analysis I – Practical	4	-	100	2
PT196	Pharmaceutics I – Practical	4	-	100	2
PT193	Pharmaceutical Inorganic Chemistry – Practical	4	-	100	2
SESSIONAL*					
PTB184 & PTB185	Remedial Biology – Theory & Remedial Biology – Practical	2 +	-	50 +	2 +
OR PTM183	OR Remedial Mathematics – Theory	2	-	100	3
Total		36	4		27

The students who have studied Mathematics / Physics / Chemistry at HSC will be appearing for Remedial Biology Theory & Practical.
The students who have studied Physics / Chemistry / Biology (Botany / Zoology) at HSC will be appearing for Remedial Mathematics course. * Non University Examination (NUE)




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