

M.Pharm Pharmaceutical Chemistry	15	15:3	15:3	semester	02-11-2020	21-08-2021	190	both	10
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(Required ratio - Theory -> 60:1 and Practicals -> 20:1)

(If there are more than 20 students in a batch 2 staff members to be present provided the lab is spacious)

Whether PCI curriculum is adopted?

Yes

Enclose Calendar of Events

[View](#)

Enclose Time Table for all courses

[View](#)

Whether the prescribed numbers of classes are being conducted as per PCI norms

Name of the Course	Semester	Name of The Subject	Theory		Practical		Tutorials	
			Prescribed No of Hours	No of Hours Conducted	Prescribed No of Hours	No of Hours Conducted	Prescribed No of Hours	No of Hours Conducted
1 M.Pharm Pharmaceutical Chemistry	1	Modern Pharmaceutical Analytical Techniques	60	65	0	0	0	
	1	Advanced Organic Chemistry -I	60	65	0	0	0	
	1	Advanced Medicinal Chemistry	60	65	0	0	0	
	1	Chemistry of Natural Products	60	65	0	0	0	
	1	Pharmaceutical Chemistry Practical - I	0	0	180	216	0	
	2	Advanced Spectral Analysis	60	65	0	0	0	
	2	Advanced Organic Chemistry -II	60	65	0	0	0	
	2	Computer Aided Drug Design	60	65	0	0	0	
	2	Pharmaceutical Process Chemistry	60	60	0	0	0	
	2	Pharmaceutical Chemistry Practical - II	0	0	180	216	0	
2 M.Pharm Pharmaceutical Chemistry	3	Modern Pharmaceutical Analytical Techniques	60	0	0	0	0	
	3	Advanced Organic Chemistry -I	60	0	0	0	0	
	3	Advanced Medicinal Chemistry	60	0	0	0	0	
	3	Chemistry of Natural Products	60	0	0	0	0	
	3	Pharmaceutical Chemistry Practical - I	0	0	180	390	0	
	4	Advanced Spectral Analysis	60	0	0	0	0	
	4	Advanced Organic Chemistry -II	60	0	0	0	0	
	4	Computer Aided Drug Design	60	0	0	0	0	
	4	Pharmaceutical Process Chemistry	60	0	0	0	0	
	4	Pharmaceutical Chemistry Practical - II	0	0	180	390	0	

Accepted Faculties

S.No	Full Name	Email	Department Name	Qualification	Teaching Experience	Date of Joining	Designation	Mobile	Photo
1	Dr Kuntal Manna	k_manna2002@yahoo.com	Dept of Pharmaceutical Chemistry	B.Pharm, M.Pharm Pharmaceutical Chemistry, PhD	17 years 3 mons 76 days	26-09-2011	Assistant Professor	9402529705	
2	PRATAP CHANDRA ACHARYA	pratapacharya@tripurauniv	Dept of Pharmaceutical Chemistry	B.Pharm, M.Pharm Pharmaceutical Chemistry, PG DIPLOMA IN SPECTROSCOPY, PhD	8 years 2 mons 68 days	02-05-2016	Assistant Professor	7738441967	
3	RAJAT GHOSH	rajatnhalster@gmail.com	Dept of Pharmaceutical Chemistry	M.Pharm Pharmaceutical Chemistry	9 years 4 mons 10 days	12-09-2011	Assistant Professor	9774598572	

Faculty Workload

S.No	Faculty Name	Department	Designation	Course	Academic Session	Year	Subject	Theory (Number of Hours per week including tutorials)	Practical (Number of Hours per week)	Remarks
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1	Dr Kuntal Manna	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	2	Advanced Medicinal Chemistry	5	3	Syllabus as per CBCS system
2	PRATAP CHANDRA ACHARYA	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Modern Pharmaceutical Analytical Techniques	4	0	Currently University is following UGC CBCS system
3	PRATAP CHANDRA ACHARYA	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Advanced Medicinal Chemistry	4	0	Currently University is following UGC CBCS system
4	PRATAP CHANDRA ACHARYA	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	2	Pharmaceutical Chemistry Practical - II	0	26	Currently University is following UGC CBCS system
5	PRATAP CHANDRA ACHARYA	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Pharmaceutical Chemistry Practical - II	0	6	Currently University is following UGC CBCS system
6	PRATAP CHANDRA ACHARYA	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Pharmaceutical Chemistry Practical - I	0	6	Currently University is following UGC CBCS system
7	RAJAT GHOSH	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	2	Advanced Medicinal Chemistry	00	28	MASTER DISSERTATION WORK
8	RAJAT GHOSH	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Advanced Organic Chemistry -I	02	00	SEMESTER WISE CBCS FOLLOWED
9	RAJAT GHOSH	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Chemistry of Natural Products	03	03	SEMESTER WISE CBCS FOLLOWED
10	RAJAT GHOSH	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Modern Pharmaceutical Analytical Techniques	03	03	SEMESTER WISE CBCS FOLLOWED
11	RAJAT GHOSH	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Advanced Spectral Analysis	02	03	SEMESTER WISE CBCS FOLLOWED
12	RAJAT GHOSH	Dept of Pharmaceutical Chemistry	Assistant Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	2	Advanced Medicinal Chemistry	00	23	MASTER DISSERTATION WORK

Budget of the Institution for the past 3 Years

Budget Heads	2020 - 2021	2019 - 2020	2018 - 2019
Recurring	Amount in (INR)	Amount in (INR)	Amount in (INR)
Fee to apex Bodies	50000	50000	0
Chemicals	203198	341505	0
Electricity	0	0	0
Phone Bills	0	0	0
Travelling	0	0	0
Annual maintenances	60000	60000	0
Stationary	0	0	0
Miscellaneous	21600	0	0
Glassware's	112283	127351	0
Non-Recurring	Amount in (INR)	Amount in (INR)	Amount in (INR)
Building	0	0	0
Equipments	721891	553269	0
Vehicles	0	0	0
Books & Journals	65000	65000	0
Furniture's	0	0	0

Income and Expenditure

INCOME		EXPENDITURE		
Particulars	Amount in (INR)	Particulars	Amount in (INR)	
Grants Govt	0	Building	0	
Grants Others	0	Equipment	1296760	
Tution Fee	528000	Others	0	
Library Fee	14400	REVENUE EXPENDITURE		
Sports Fee	9600	Particulars	Amount in (INR)	
Union Fee	24000	Revenue Exp - Salary	0	
Others	679200	Maintenance Exp - College	0	
		Maintenance Exp - Others	0	
		Apex Bodies Fee	50000	
		Chemicals	705924	
		Stationary	0	
		Deposit held by the College	0	

Annual maintenances	0
Misc.Expenditure	0
Others	0

Books

Course	Titles Required	Titles Available	Volume Required	Volume Available	No of Journals
M.Pharm Pharmaceutical Chemistry	50	813	100	1282	200

Enclose Details of the Journals subscribed

[View](#)

Subject Wise Classification

Subject	Available Numbers	Available Titles
Pharmacognosy	19	29
Pharmacy Practice	0	0
Human anatomy & physiology	3	17
Pharmaceutics (dispensing & general Pharmacy)	0	0
Pharmaceutical organic chemistry	2	4
Pharmaceutical inorganic chemistry	4	11
Pharmaceutical microbiology	21	28
Pathophysiology	0	0
Applied biochemistry & clinical chemistry	9	40
Pharmacology	9	12
Pharmaceutical jurisprudence	0	0
Pharmaceutical dosage form	1	1
Community pharmacy	0	0
Clinical pharmacy	1	1
Hospital pharmacy	0	0
Pharmacotherapeutics	3	10
Pharmaceutical analysis and Quality Assurance	6	16
Medicinal chemistry	24	89
Biology	54	280
Computer science or computer application in pharmacy	1	5
Mathematics / statistics	0	0
Communication Skills	0	0
Pharmaceutics - Drug Delivery systems, Pharmaceutical Engineering, Regulatory Science	0	0

Other Facilities

Particulars	Number Required	Number Available
Computers	10	49
Printers	2	11
Internet facilities	4MBPS	100
Photocopier	1	4
Scanner	1	4
LCD Projector	2	1

PG & Ph.D Projects guided by the Faculty Members for the past 3 years

S.No	Name of the Supervisor	Name of the Candidate	Type of Project	Title of the Thesis/Dissertation	Duration (In months)	Year
1	Dr Kuntal Manna	Jyotibikash kalita	PG	Design Synthesis and Biological evaluation of some dihydropyrimidine derivatives Conventional and microwave assisted synthesis of some isoxazole derivatives from chalcones and evaluation for suitable biological activity	12	2018 - 2019
2	Dr Kuntal Manna	Purba De	PG	Conventional and microwave assisted synthesis of some isoxazole derivatives from chalcones and evaluation for suitable biological activity	12	2018 - 2019
3	Dr Kuntal Manna	Naitihok Jamatia	PG	Phytochemical study and antiinfective effects of Mikania micrantha aqueous extract against multidrug resistant Pseudomonas aeruginosa towards the model host Caenorhabditis elegans	12	2019 - 2020

4	Dr Kuntal Manna	Ranadeep Borgohain	PG	Formulation and biological evaluation of new herbal nutritional powder from indigenous plants product found in Tripura India	12	2019 - 2020
5	Dr Pratap Chandra Acharya	Ratan Lal Tripura	PG	Synthesis Characterization and Pharmacological evaluation of novel spiro compounds	12	2019 - 2020
6	Dr Pratap Chandra Acharya	Priyanka Das	PG	Synthesis Characterization and Pharmacological evaluation of Aurone derivatives	12	2019 - 2020
7	Dr Pratap Chandra Acharya	Subhra Baishnab	PG	Synthesis Characterization and Pharmacological evaluation of some newer dihydropyrimidinone derivatives	12	2019 - 2020
8	Dr Pratap Chandra Acharya	Anwasha Das	PG	Synthesis characterization and pharmacological evaluations of aurone derivatives	12	2018 - 2019
9	Dr Pratap Chandra Acharya	Subhendu Das	PG	Synthesis characterization and pharmacological investigations of indolisquinoline	12	2018 - 2019
10	Dr Pratap Chandra Acharya	Bimal Kanti Chakma	PG	Synthesis characterization and pharmacological investigations of lipidised antioxidants	12	2018 - 2019
11	Rajat Ghosh	Sourav Saha	PG	Synthesis Characterization and antibacterial evaluation of spiroheterocyclic derivativesobial activity evaluation of aurone derivativesrimidine derivatives	12	2019 - 2020
12	Rajat Ghosh	Gangotri Debbarma	PG	Synthesis Characterization and antimicrobial activity evaluation of aurone derivativesrimidine derivatives	12	2019 - 2020
13	Rajat Ghosh	Kuheli Nath	PG	Synthesis Characterization and evaluation of pharmacological activities of antimicrobial and antioxidant activities of some novel spiroheterocyclic compoundsmidine derivatives	12	2018 - 2019
14	Rajat Ghosh	Ananya Pal	PG	Synthesis Characterization and evaluation of pharmacological activities of newly synthesized pyrimidine derivatives	12	2018 - 2019
15	Dr Kuntal Manna	Purna Ranjan Tripura	PG	Determination of total phenolic flavonoid minerals heavy metals content and biological evaluation of a flower extract of Musa acuminata	12	2018 - 2019
16	Dr Kuntal Manna	Matilasa Debbarma	PG	Design and synthesis of novel benzimidazoles derivatives	12	2018 - 2019
17	Rajat Ghosh	Anindita Guha Das	PG	Synthesis and Characterization of Pyrimidine Based Heterocyclic Compound	12	2018 - 2019
18	Rajat Ghosh	Shibu Das	PG	Synthesis characterization and evaluation of gical activities of newly synthesized five member heterocyclic compounds	12	2018 - 2019
19	Rajat Ghosh	Pranjit Baruah Pranjit Baruah	PG	Synthesis characterization and evaluation of pharmacological activities of benzopyrones	12	2018 - 2019
20	Dr Pratap Chandra Acharya	Sumanta Debbarma	PG	Improved green synthesis of biginelli reaction for the synthesis of dihydropyrimidine derivatives and their biological evaluations	12	2018 - 2019
21	Dr Pratap Chandra Acharya	Arup Saha	PG	Design green synthesis and biological evaluation of some dihydropyrimidinithione derivatives	12	2018 - 2019

Projects (Major/Minor Projects) completed for the past 3 years

S.No	Name of the Investigator	Title of the project	Duration (in months)	Sanctioned Amount	Funding Agency	Year
1	Dr Pratap Chandra Acharya	Targeting colon cancer through lipidized antioxidants Synthesis purification characterization and biological evaluations of fatty acid conjugated phenolic antioxidants	24		UGC	2018 - 2019

On Going Projects (Major / Minor)

S.No	Name of the Faculty	Title of the Projects	Duration (in days)	Sanctioned Amount	Funded by
1	Dr Kuntal Manna	Formulation and suitable biological evaluation of herbal nutraceutical tablet doses form using indigenous edible plants components of Tripura	36	14	ICMR
2	Dr Kuntal Manna	Formulations and evaluation of herbal nutraceutical solid dosage forms using indigenous edible plant parts vegetables of North Eastern Himalayan region as sources of nutrients and health benefitting components	36	15	AICTE
3	Dr Pratap Chandra Acharya	EXPLORING G QUADRUPLEX LIGANDS TO TARGET COLON CANCER	24	20	ICMR