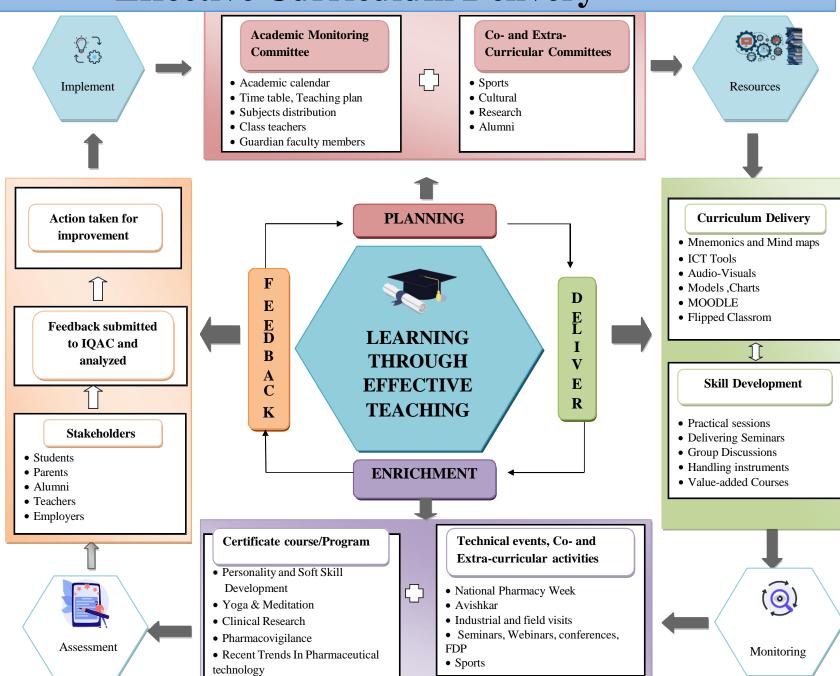
JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune-33
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Effective Curriculum Delivery



1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process as follows:

CURRICULUM PLANNING

Academic calendar B. Pharm

ACADEMIC CALENDAR 2022-23

B.PHARM- FIRST TERM

Sr. No	Activity		Date	
L	Commencement of classes	S.Y.,T.Y B First Year	B Pharm -15/7/22 S Pharm - 01/08/22 B Pharm - 27/12/22	
S.Y.B.	Pharm Sem - III, T.Y. Year Sem- V, Final Year B.	Pharm Sem -	VII Internal Examinations	
1.	Continuous mode: Academic Activities Assignment	12/09/22-1	7/9/22	
2.	Group Discussion	26/9/22-1/		
3.	1st -Sessional Examination	Practical	10/10/22-14/10/22	
4.		Theory	17/10/22-21/10/22	
5.	2nd -Sessional Examination (SY & TY)	Practical	31/10/22-04/11/22	
6.		Theory	28/11/22-02/12/22	
7.	2 nd -Sessional Examination (Final year)	Practical	31/10/22-04/11/22	
8.	10 SC10010000000000000000000000000000000	Theory	21/11/22-24/11/22	
9.	a company of the comp	Final Year	-02/12/22	
375	Journal Certification	S.Y. & T.Y 5/12/22		
	F.Y. B. Pharm Sem -I Inte			
I.	Continuous mode: Academic Activities Assignment	17/01/23 to	22/01/23	
2.	Open Book Test	07/02/23 to	0 12/02/23	
3.		Practical	13/02/23 - 17/02/23	
	1st -Sessional Examination	Theory	20/02/23 - 25/02/23	
4.	19/2 4 0.40 No 1986 188 188	Practical	13/03/23 - 17/03/23	
	2 nd -Sessional Examination	Theory	20/03/23 - 27/03/23	
5.	Journal Upload and Checking	Last week March		
6.	University online form filling	02/01/23-1		
0.	Holidays Celebration	100.01.00		
7.	Independence Day	15/8/22		
8.				
9.	Gandhi Jayanti	31/09/22 2/10/22		
10.	Dusshera	5/10/22		
11. Diwali vacation		24/11/22 - 26/11/22		
4.4.	Co-currricular Activit			
Conclusion of Classroom Teaching for all years		Final year- 3/12/22 S.Y., T.Y 10/12/22		
2.	Conclusion of term	F.Y 31/03/23 SY, TY, Final Year- /11/22 F.Y.B.Pharm- 31/3/23		
Vanhle C	of the second se		aturday , Every Sunday	
donthly	Counseling / Mentoring Syllabus Completion submission	Last week Last week	of each mouth of each mouth of each mouth uday, 12:00- \(\frac{1}{2}\):00 p.m.	
taff Med	eting		nday, 12:00- 1:00 p.m.	

Academic Incharge

Academic calendar M. Pharm

J.S.P.M.'s Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune-33

ACADEMIC CALENDAR 2022-23

Masters in Pharmacy-Pharmaceutics & Pharmaceutical Quality Assurance

A) First Term : Semester-I & III: 01/08/2022 to 10/12/2022

Semester-II& IV: 26/12/2022 to 30/06/2023

B] Working days:

S. No.	Month	No. of working days
1.	August	23
2.	September	24
3.	October	20
4.	November	24
5.	December	14
	Total	105

S. No.	Month	No. of working days
1.	January	23
2.	February	22
3.	March	23
4.	April	21
5.	May	24
6,	June	24
	Total	137

C] Presentations and Sessional Examination

S. No.	Sessional Exam.	Theory	Practical		
1.	Proposal Presentation (Sem III)	19th September 2022 - 24	Ith September 2022		
2.	Non-University examination of RMB (Sem III)	28th December 2022			
3.	Journal Club activity (Sem III)	10th October 2022- 18th October 2022			
4.	Progress Research Presentations	20th February 2023 to 23rd February 2023			
5.	Commencement of Sem I	10 th January 2023			
6.	First Sessional Exam	20 th February 2023 — 24 th February 2 23 rd February 2023			
7.	Second Sessional Exam	22 th March 2023- 30 th March 2023	31st March 2023		
8.	Journal Club activity (Sem IV)	21st February 2023 - 25th February 2023			

Academic Incharge PG

hu College of

Principal

Time table B. Pharm

RSCOPR/Acad/UG/07/2022-23

TIME TABLE ACADEMIC YEAR 2022-23

FIRST YEAR B. PHARM. SEMESTER -I Division A w.e.f. 27/12/2022

Day Time	Mon.	Tues.	Wed.	Thu.	Fri.	Sat
8:30 - 9:30 p.m.	HAP-I (VK)	PH-I (SK)	PA-I (AP)	PH-I (MB)	CS (SA)	PIC (SV)
9:30 - 10:30 p.m.	PIC (SV)	PA-I (AP)	HAP-I (PG)	CS (SA)	Tutorial HAP-I (VK)	CS (SA)
10:30 – 11:30 p.m.	PA-I (AP)	PIC (AM)	CS (SA)	Tutorial PIC (SV)	Tutorial PA-I (AP)	HAP-I (VK)
11:30- 12:30	PH-I (SK)	HAP-I (PG)	PH-I (SK)	PA-I (AP)	PIC (SV)	Tutorial PH-I (SK)
12: 30- 1:00 p.m.			LUNCH	BREA	K	
1:00 - 5:00 p.m. PRACTICALS	HAP-I (VK)	PIC (SV)	PH-I (MB)	PA-I (AP)	CS (SA)	Rem.Bio/Rem Maths (PG) /Library Hours
A B	PH-I (SK)	HAP-I (PG)	PIC (AM)	Rem.Bio/Rem Maths (PG) /Library Hours	PA-I (AP)	CS (SA)
c	PIC (SV)	PH-I (SK)	HAP-I (PG)	CS (SA)	Rem.Bio/Rem Maths (PG) /Library Hours	PA-I (MC)

AP- Mrs. Asawari Pachauri AM- Mrs. Archana More MB- Mrs. Madhavi Bindu MC- Mrs. Manisha Chavan PG- Mrs. Priyanka Ghadage SA- Mrs. Shruti Aher SK- Ms. Swati Kshirsagar SV- Mrs. Suvarna Vanjari VK- Mrs. Vrushali Kakad

Class Teacher

Academic Incharge

Principal

Time table M. Pharm

J.S.P.M's. Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33

Masters in Pharmacy 2022-23 (Semester-I)

(Pharmaceutics & Pharmaceutical Quality Assurance) w. e. f. 10/1/2023

Time	Day								
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday			
8.30-9.30	MPAT (AS)	Practical I Pceutics / PQA (AS/ PDG)	RA/PDTT (UK)/(KL)	MPAT (PDG)	Practical I Pceutics / PQA (APP/ PDG)	MP / QCQA (APP) / (PDG)			
9.30-10.30	MPAT (AS)		MPAT (PDG)	MP/QMS (UK)/(AS)		MP / QMS (UK) / (AS)			
10.30-11.30	DDS / QCQA (APP) / (PDG)		DDS / QMS (APP) / (AS)	DDS / QCQA (APP) / (PDG)		Journal club			
11.30- 12.30 Lunch break			Lunch break			Lunch break			
12.30-1.30	RA / PDTT (UK) / (KL)		MP/QCQA (UK)/(PDG)	DDS / QMS (APP) / (AS)		Journal club			
1.30-2.30	Seminar/ Assignment		RA / PDTT (UK) / (KL)	RA / PDTT (UK) / (KL)		Journal club			
2.30-3.30	Seminar/ Assignment		Seminar/ Assignment	Seminar/ Assignment		Journal club			

Dr. P. D. Ghode Class Teacher

Dr. Ashlesha P. Pandit PG Coordinator

Dr. K. R. Khandelwal Principal

Teaching Plan (Theory)

Rajarshi Shahu College of Pharmacy & Research, Pune

Teaching Plan
Academic Year: 2022-23 /Semester, Credit and Grading System

Subject: Drug Delivery Systems [MPH102T]	Teaching scheme: Lectures: 4hrs /week (Credits points 04) (Credits hours 04)
Class: First Year M. Pharm (Semester-I) Name of Faculty: Dr. Ashlesha P. Pandit	Examination scheme: I. Internal Assessment : 25 Marks 1. Continuous Mode : 10 Marks 2. Sessional Exams : 15 Marks
	II. End-semester Exams : 75 Marks

Lecture		Se	mester- I (7	Theory)		
No.	Description	Planned Dates	Actual Dates	Ref. used	Content Delivery Methods/ ICT Tools	Course Outcomes
	Topic 1. Sus	tained Release	(SR) and Con	trolled Dala	used ease (CR) formulations	
1.	drug delivery	10/1/23	10/1/23	R1, R4	Chalk and Talk, Power	
2.	Advantages and disadvantages of SR/		- /		point presentation	-
	CR formulations Factors influencing SR design:	11/1/23	11/1/23	R1, R2, R4, B4, B5	Chalk and Talk	CO1. Design formulation,
3.	Physicochemical & biological approaches for SR/CR formulation	12/1/23	12/1/23	147, 154,	Chalk and Talk	fabrication and evaluation of sustained, controlled and rate
	Mechanism of Drug Delivery from	12/1/25	12/1/23			controlled, gastro- retentive,
4.	SR/CR formulation, Fundamentals of kinetics of SR formulations	14/1/23	14/1/23		Chalk and Talk	buccal, ocular, transdermal an protein –peptide drug deliver
5.	Types of SR and CR formulations		16/1/23	B5		
5.		16/1/23	17/1/23	R1, R2, J3	Chalk and Talk	and vaccine delivery systems
6.	Polymers: introduction, definition, classification, properties, Application of polymers	17/1/23	17/1/23	D2 D4	Chalk and Talk	CO2.Understand the criteria f selection of drug and polyme
7.	Biopolymers in DDS	18/1/23	1 11 .	R2, R4,		for development of delivering
		. 31 1-3	18/1/2	B1, B2,	Chalk and Talk	system.

Recommended Books (R)& Journals (J):

- Recommended Books (R)& Journals (J):

 R1.Novel Drug Delivery Systems by Y. W. Chien, Marcel Dekker Inc., New York, 1992.

 R2.Controlled Drug Delivery Systems by Robinson J. R., Lee V. H. L. Marcel Dekker Inc., New York, 1992.

 R3.Encyclopedia of Controlled Delivery, Editor Edith Mathiowitz, Published by Wiley Interscience Publication

 R4. Controlled & Novel Drug Delivery by N. K. Jain, CBS Publishers & Distributors, New Delthi, 1997.

 R5. Controlled Drug Delivery concepts and advances, by Vyas S. P. and Khar R. K. VallabhPrakashan, New Delhi, First edition 2002.

 J1. Indian Journal of Pharmaceutical Sciences (IPA)

- J2. Indian Drugs (IDMA)
 J3. Journal of Controlled Release (Elsevier Sciences)
 J4. Drug Development and Industrial Pharmacy (Marcel & Decker)

Reference Books (B) and e-Books(E):

- Reference Books (B) and e-Books(E):

 B1. Polymeric Drug Delivery Systems by Glen S. Kwon
 B2. Biodegradable polymers as drug delivery systems by Mark Chasin and Robert Langer
 B3. Aqueous Polymeric Coating Vol-176 by McGinity
 B4. Targeted & Controlled Drug Delivery by Vyas
 B5. Advances in Controlled & Novel Drug Delivery by Jain NK
 B6. Pharmaceutical Coating Technology by Cole
 B7. Progress in controlled and noved frug delivery system by N. K. Jain
 B8. Pharmaceutical Dissolution Testing by UmeshBanakar
 B9. Industrial Pharmacy by Lachman
 E1. Encyclopedia of Pharmaceutical Technology by James Swarbrick
 E2. Pharmaceutical Excipients Edited by: Raymond C Rowe, Paul J Sheskey and Sián C Owen
 E3. Surfactants and Polymers in Drug Delivery by Martin Malmsten
 Websites:

Websites:

- W1: https://www.youtube.com
 W2. https://www.ich.org/fileadmin/Public Web Site/ICH.../O8.../O8 R2 Guideline.pdf
- W3. Research papers published in high impact factor journal

Subject Teacher Dr. Ashlesha P. Pandit

Dr. Ashlesha P. Pandit Academic Incharge

Dr. K. R. Khandelwal

Teaching Plan (Practical)

J.S.P.M's Rajarshi Shahu College of Pharmacy & Research, Pune Teaching Plan Academic Year: 2022-23 /Semester, Credit and Grading System

	Subject: Pharmaceutics Practical [MPH105P] Class: First Year M. Pharm (Semester-I)	Teaching scheme: Practical: 12brs /week (Credits points 06) (Credits hours12) Examination scheme: 1. Internal Assessment
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Practical No.	Description	Planed Dates	Actual Dates	Ref. used	Content Delivery Methods used	Course Outcomes
1.	An assignment on understanding 'instructions to author' of any indexed journal			e- journal s	Journal, e- journals	CO5. To explain approaches for development of sustained release matrix, osmotically controlled, floating, hydro dynamically balanced drug delivery systems and transdermal patches
2.	To study micromeritic properties of powders and granulation		alu alu	R1, R9	Equipment s, Chalk and Talk	CO3. Analyze preformulation studies such as compression force, micromerities and particle size to design tablet
3.	To carry out preformulation studies of tablet			e- journal s, B12	Equipment s, Chalk and Talk	CO3. Analyze preformulation studies such as compression force micromerities and particle size to design tablet
4.	To perform in vitro dissolution profile of CR/ SR marketed formulation			R1, R4 B2, B6 B8, B9	Chalk and	dissolution of CR/SR formulation

Dr. Ashlesha P. Pandit Subject Teacher

Dr. Ashlesha P. Pandit Academic Incharge

Dr. K. R. Khandelwal Principal

Course file

COURSE FILE

Subject	Pharmaceutical Engineering			
Subject code	BP 204T			
Class	Second Year B. Pharm			
Semester	ш			
Prepared by	Dr. Ujjawala Kandekar & Mr. Lone K. D	Clare College		
Checked by	Mrs. Priya Rodge	Langar		
Principal	Dr. K. R. Khandelwal	1 Selmi		

Guardian Faculty Members

Tathwade, Pune-411033 Guardian Faculty Members M. Pharm First Year 2022-23 (Pharmaceutics & Pharmaceutical Quality Assurance)

ar Avinash Kanta ale Ajinkya Adinath il RutujaGorakhnath ie Sandesh Maroti ie Pooja Sonaji iar Ashlesha Punjaram Afrin Jakir e Shriyash Shekhar asmita Jagannath ie Rutuja Narayanrao onkar Mayuri iakar Abhijeet Babaso rkar Rutuja Subhash r Sayali Prakash ie Mayank Nitin ie Dnyanesh Maheshrao re Pratik Haridas	aceutics Dr. Ashlesha Pandit Dr. Ujjawala Kandekar	(B. 142)
ale Ajinkya Adinath il RutujaGorakhnath ie Sandesh Maroti ie Pooja Sonaji iar Ashlesha Punjaram Afrin Jakir e Shriyash Shekhar asmita Jagannath e Rutuja Narayanrao onkar Mayuri akar Abhijeet Babaso rkar Rutuja Subhash r Sayali Prakash te Mayank Nitin e Dnyanesh Maheshrao re Pratik Haridas		(Mary
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Ketaki Kishor		
lhari Srushti Pandit		
Shweta Ashok		-
Varad Meghnath		
l Priya Shivaji		
drudul Vinay		
d Pallavi Nayabrao		
Rutuja Nandkishor	Dr. Prashant Ghode	(PW)
Aishwarya Babasaheb	NI NI	Y
ole Lakshmi Gopinath		
e Harshal Dilip		
nge Rutuja Namdev		
Tawheed Mansoor Ali		
Akshata Raju		
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7

CURRICULUM DELIVERY

Handling of sophisticated instruments



Mind Maps



Students at Field visit



Teaching through posters, charts



CURRICULUM ENRICHMENT

Institute integrates following cross-cutting issues through curricular, co-curricular and extra-curricular activities.

Professional EthicsValue Added Certificate Courses









Participation of students in 'National Pharmacy Week' and Pharma Rally









Participation of students at International CRS conferences



Free Medical Checkup Camp









Staff and students taking Pledge on Nasha Mukta Bharat





Blood Donation Camp





Value-added courses offered by institute















JAYAWANT SHIKSHAN PRASARAK MANDAL'S

Rajarshi Shahu College of Pharmacy and Research

Tathawade, Pune-411033

(Accredited by NAAC 'A' Grade)

This is to certify that

"Certificate Course of Pharmacovigliance"

Dr.Trupti Desh

mic Year 2022-23 with.....

Gender

Active participation of students in street play on Mahila aur Swasthya and 'Bacha aur Shiksha'





Human Values

National Unity Day





Yoga and Meditation



Environment and Sustainability

Swachh Bharat Abhiyan









FEEDBACK SYSTEM

Please submit feedl option.	back regarding the	course you have ju	ust completed	f. Please tick the	appropriate
Student's Name *					
Trupti Vinayak Bhos	ale				
Email Id *					
truptibhosale2802@	igmail.com				
Overall underst	anding of the sub	ject *			
Section of the Section (Inc. Section	anding of the sub Unsatisfactory	ject * Satisfactory	Good	Very good	Exceller
Overall underst Medicinal Chemistry II		STATE	Good	Very good	Exceller
Medicinal		STATE	Good	Very good	
Medicinal Chemistry II Formulative		STATE	Good	Very good	•
Medicinal Chemistry II Formulative Pharmacy		STATE	Good O	Very good	•

Teachers Feedback on Ambience of the college 2022-23

Name * Ms. Manisha Chavan
Email id * walunjmanishas@gmail.com
How is the general ambience in the College? * © Excellent
○ Very Good
Good Satisfactory
Alumni Feedback on Curriculum Please tick appropriate option Email *
ashwini93kedar@gmail.com
1) Applicability/relevance to real life situation * Excellent Very Good Good Satisfactory Unsatisfactory
2) Theoretical concepts of syllabus supported by Practical/experiments: * Excellent Very Good
Good

Employers Feedback form on academic performance of the institution

Name of the Employer * Deviks Tilekar
Name of the Employee *
Name of the company/Institute where employee is serving * JSPM'S
Did the institute provide student centric teaching learning process? *
Yes
O No

Students feedback Sem I 22-23 F.Y. B. Pharm

