

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

## CURRICULUM PLANNING

### Academic calendar B. Pharm

J S P M's  
RAJARSHI SHAHU COLLEGE OF PHARMACY & RESEARCH  
TATHAWADE PUNE-33

ACADEMIC CALENDAR 2020-21

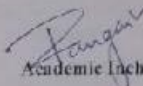
A) TERM- First term: 15<sup>th</sup> June 2020 – 5<sup>th</sup> December 2020


B) Teaching days: S.Y. T.Y. & Final Year B.Pharm


Sr. No.	Month	No. of Teaching days
1.	June	14
2.	July	27
3.	August	24
4.	September	26
5.	October	26
6.	November	9
<b>Total</b>		<b>126</b>

C) Sessional Examination

No.	Sessional Exam.	Theory
1.	I - Sessional Exam.	17/11/20 to 21/11/20
2.	II-Sessional Exam	1/12/20 to 5/12/20
3.	Sessional exam Final year	1/12/20 to 8/12/20

  
Academic Incharge



  
Principal  
PRINCIPAL  
Rajarshi Shahu College of  
Pharmacy & Research  
Tathawade, Pune - 411 033

## 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
<b>Total</b>		<b>105</b>

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
<b>Total</b>		<b>137</b>

#### C) Presentations and Sessional Examination

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

  
Academic Incharge PG

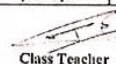
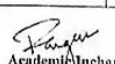
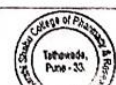


  
Principal

## Time table B. Pharm

**TIME TABLE ACADEMIC YEAR 2021-22**  
**T.Y.B.PHARM. SEMESTER -V (5 DAY WEEK) w.e.f. 23/2/21 SPPU Syllabus Pattern 2019**

Day Time	Mon.	Tues.	Wed.	Thu.	Fri.
8:30 – 9:30 p.m.	Peology-III (TD) Tutorial	Pharm. Biotech (MS)	Herbal Dr.Tech (AS)	Biopharm. Tutorial (NC)	Remedial classes
9:30 - 10:30 p.m.	Biopharm. (NC)	Peology-III (TD)	Pharm. Biotech (MS)	QA (AP)	Medichem-III (RP)
10:30 – 11:30 p.m.	Pharm. Biotech (MS)	Biopharm. (NC)	Peology-III (TD)	Herbal Dr.Tech (MS)	Library hour
11:30 – 12:30 p.m.	Tutorial QA (AP)	Tutorial Herbal Dr.Tech (AS)	Medi. Chem-III (RP)	Tutorial Medi. Chem-III (RP)	Remedial classes
12:30- 1:00 p.m.	L U N C H B R E A K				
1:00 – 5:00 p.m. A	Herbal Dr.Tech (AS)	Remedial classes	P'cology-III (TD)	Medichem-III (RP)	Remedial classes
B	P'cology-III (TD)	Herbal Dr.Tech (MS)	Remedial classes	Library hour	Medichem-III (RP)
C	Remedial classes	P'cology-III (TD)	Herbal Dr.Tech (MS)	Remedial classes	Library hour

P- Mrs. Anawari Pachauri	AS- Mrs. Anuraj Supekar	MS- Mrs. Minnal Solanki	NC- Mrs. Nilima Chaudhari	RP- Dr. Rajendra Patil
 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
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

APP - Dr. A. P. Pandit, AS-Dr. A. S. Sayare, PDG- Dr. P. D. Ghode, UK- Dr. Ujjwala Kandeekar, KL-Mr. K. D. Lone

 Dr. P. D. Ghode Class Teacher	 Dr. Ashlesha P. Pandit PG Coordinator	 Dr. K. R. Khandelwal Principal
---	---	---

## Teaching Plan (Theory)

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

### TEACHING PLAN

Academic Year: 2021-2022/Semester System

Subject:- Pharm. Engineering [204T]	Teaching scheme : Lectures : 3 hrs./week
Class:- Second Year B. Pharm (Sem-III)	Practical : 12 hrs./week
Name of Faculty: Mr. Lone K D and Kandekar Ujjwala Y.	Examination scheme : University Exam : 70Marks
	Sessional Exam : 30Marks

#### Sessional - I

Lecture No.	Description	Planned Dates	Actual Dates	Ref. used	Content Delivery Methods/ ICT Tools used	Course Outcomes
<b>Unit I</b>						
1.	Flow of fluids: Types of manometers	13/10/21	18/10/21	T1, T2, R1	PPT and discussion	CO2: To understand different material handling system such as size reduction and separation, mixing CO3: Elucidate fundamentals and facts about flow of fluids.
2.	Reynolds number and its significance, Bernoulli's theorem and its applications	14/10/21	14/10/21	T1, T2, R1	PPT and discussion	
3.	Energy losses, Orifice meter, Venturimeter, Pitot tube and Rotometer	18/10/21	17/10/21 15/10/21	T1, T2	PPT and discussion	
4.	Size Reduction: Objectives, Mechanisms & Laws governing size reduction	13/11/21	15/11/21	T1, T2	PPT and discussion	
5.	Factors affecting size reduction principles, construction, working, uses, merits and demerits of Hammer mill, Ball mill,	18/11/21	18/11/21	T1, T2	PPT and discussion	
6.	Fluid energy mill, Edge runner mill & end runner mill.	24/11/21	22/11/21 23/11/21	T1, T2	PPT and discussion	
7.	Size Separation: Objectives, applications & mechanism of size separation	15/09/21	15/09/21	T1, T2, R1	PPT and discussion	

#### Text Books:

T1: CVS Subrahmanyam, J. Thimma Setty, Sarasija Suresh, V. Kusum Devi., Pharmaceutical Engineering Unit Operations-II, Second Edition, Vallabh Prakashan Delhi.

T2: Anant Paradkar, Introduction to Pharmaceutical Engineering, Eleventh Edition, December-2007, Nirali Prakashan, Pune.

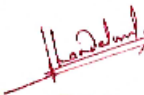
T3: K. Sambamurthy, Pharmaceutical Engineering, First Edition, 1998, New Age International Publishers, New Delhi.

#### Reference Books :

R1: Walter L. Baalger & Julius T. Banchezo., Introduction to Chemical Engineering, International Edition, 1955. McGraw Hill Book company.

  
Mr. Lone K. D. and Kandekar Ujjwala Y.  
Subject Teacher

  
Academic Incharge

  
Principal  
Dr. K.R. Khauddwal


## 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


<b>Subject:</b> Pharmaceutics Practical [MPH105P] <b>Class:</b> First Year M. Pharm (Semester-I)	<b>Teaching scheme:</b> Practical: 12hrs /week (Credits points 06) (Credits hours12) <b>Examination scheme:</b> I. Internal Assessment : 50 Marks I. Continuous Mode : 20 Marks 2. Sessional Exams : 30 Marks II. End-semester Exam: 100Marks <b>TOTAL :150 Marks</b>
---	--

### Semester- I (Practical)

Practical No.	Description	Planned Dates	Actual Dates	Ref. used	Content Delivery Methods used	Course Outcomes
1.	An assignment on understanding 'instructions to author' of any indexed journal			e-journals	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			R1, R9	Equipment, Chalk and Talk	CO3. Analyze preformulation studies such as compression force, micromeritics and particle size to design tablet
3.	To carry out preformulation studies of tablet			e-journals, B12	Equipment, Chalk and Talk	CO3. Analyze preformulation studies such as compression force, micromeritics and particle size to design tablet
4.	To perform in vitro dissolution profile of CR/ SR marketed formulation			R1, R4, B2, B6, B8, B9	Equipment, Chalk and Talk	CO2. Use knowledge to perform dissolution of CR/SR formulations and study effect of particle size and binder on it



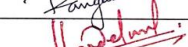
  
Dr. Ashlesha P. Pandit  
Subject Teacher

  
Dr. Ashlesha P. Pandit  
Academic Incharge

  
Dr. K. R. Khandelwal  
Principal

## Course file

## COURSE FILE


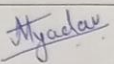
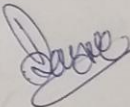
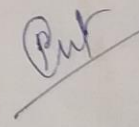
<b>Subject</b>	Pharmaceutical Engineering	
<b>Subject code</b>	BP 204T	
<b>Class</b>	Second Year B. Pharm	
<b>Semester</b>	III	
<b>Prepared by</b>	Dr. Ujjawala Kandeekar & Mr. Lone K. D	
<b>Checked by</b>	Mrs. Priya Rodge	
<b>Principal</b>	Dr. K. R. Khandelwal	

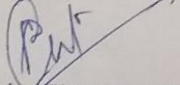
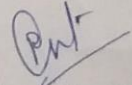
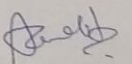
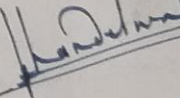
## Guardian Faculty Members

JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune-33

### Guardian Faculty Members

M. Pharm First Year 2021-22 (Pharmaceutics & Pharmaceutical Quality Assurance)

Roll No.	Name of Students	Guardian Faculty Members	Signature
<b>Pharmaceutics</b>			
1	Badgajar Ganesh Bapurao	Dr. Ujjawala Kandekar	
2	Dake Mayuri Ravindra		
3	Gaikwad Akshay Dharmraj		
4	Gore Chaitrali Raghunath		
5	Kamble Saurabh Shamkumar		
6	Kokani Shailesh Ram		
7	Kshirsagar Vijaykumar Bandu		
8	Londhe Gajanan Devidas		
9	Mandlik Priti Laxmikant	Ms. Ashwini Yadav	
10	Manju Bhaskar Chavan		
11	Nadhe Snehal Sandeep		
12	Natkar Amruta Sunil		
13	Patil Heena Santosh		
14	Patil Radhika Kalidas		
15	Pujari Suraj Shivaji		
16	Rathod Asha Lalu		
<b>Quality Assurance Techniques</b>			
17	Ade Divyani Gangasing	Dr. Atul Sayare	
18	Amrale Saurav Raju		
19	Chaudhari Rohit Sanjay		
20	Chavan Hanumant Sahebrao		
21	Deshmukh Samiksha Sanjayrao		
22	Kale Nikita Nagnath		
23	Karle Vaishnavi Sunil		
24	Kirloskar Gargi Vinit		
25	Meshram Priti Tarachand	Dr. Prashant D. Ghode	
26	Pallod Yash Balkishan		
27	Pawar Vrushali Vijay		
28	Salunke Pranali Pramod		
29	Shisode Akash Nivrutti		
30	Vaishnavi Sanjay Dhengane		
31	Yarsanwar Prathmesh Balaji		
32	Zombade Sandip Sunil		

  
Class teacher (Pharmaceutics)
  
Class teacher (QAT)
  
Academic In-charge
  
Principal

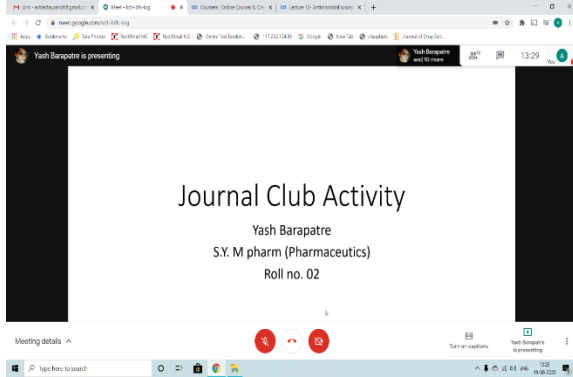


## CURRICULUM ENRICHMENT

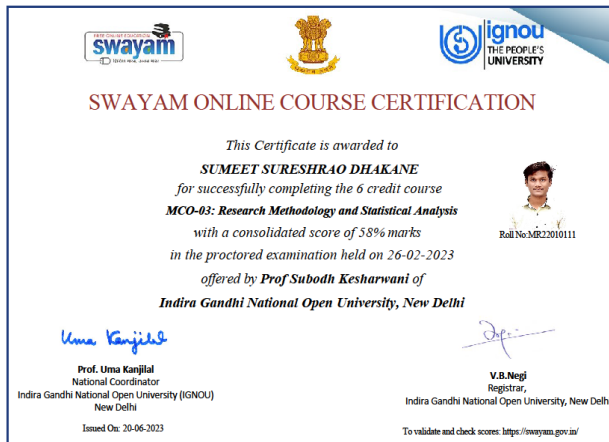
Institute integrates following cross-cutting issues through curricular, co-curricular and extra-curricular activities.

### Professional Ethics

#### Journal Club Online and Offline



#### Value Added Certificate Courses

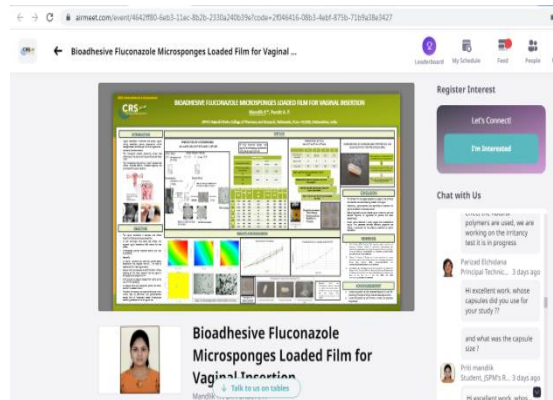




## Participation of students in 'National Pharmacy Week' and Pharma Rally



## Participation of students at International CRS conferences



## Free Medical Checkup Camp



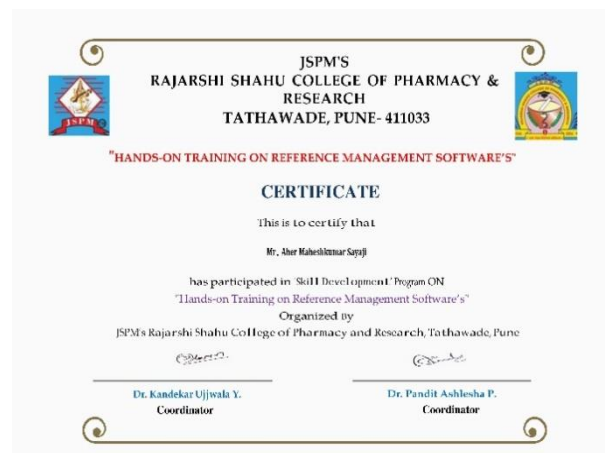
## Staff and students taking Pledge on Nasha Mukta Bharat

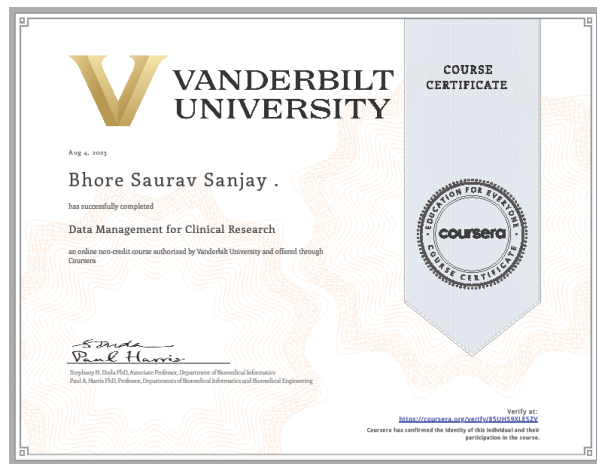


## Blood Donation Camp

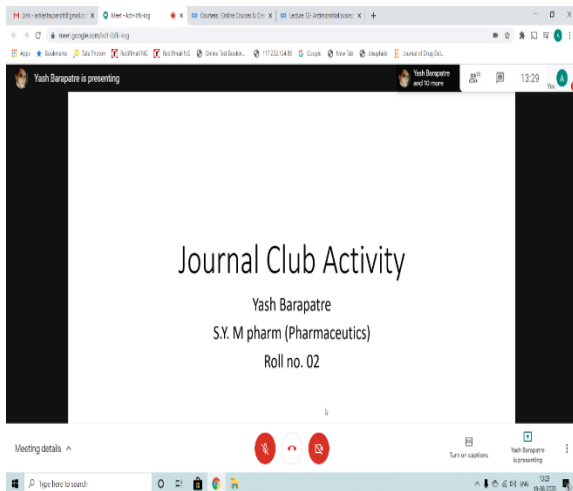


## Value-added courses offered by institute





## Journal Club Online and Offline

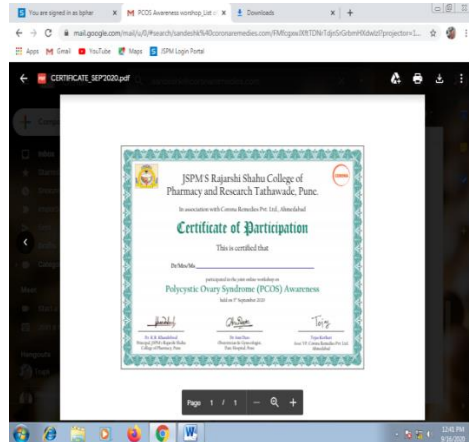


## Gender

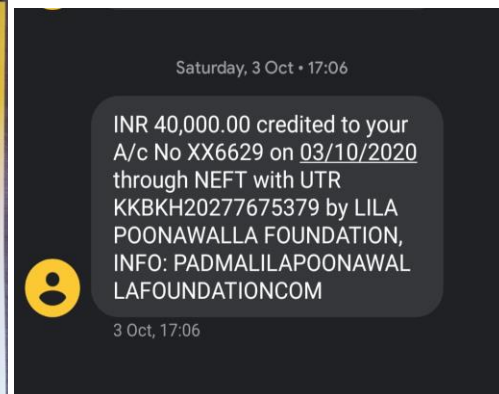
Active participation of students in street play on Mahila aur Swasthya and 'Bacha aur Shiksha'



## Online Lecture on PCOS (Women's Day Celebration)



## Scholarships Availed



## Human Values

### National Unity Day



### Yoga and Meditation



## Environment and Sustainability

### Swachh Bharat Abhiyan



### Medicinal plant garden



# FEEDBACK SYSTEM

## Students feedback Sem V 22-23 T.Y. B. Pharm

Please submit feedback regarding the course you have just completed. Please tick the appropriate option.

Student's Name \*

Trupti Vinayak Bhosale

Email Id \*

truptibhosale2802@gmail.com

1) Overall understanding of the subject \*

	Unsatisfactory	Satisfactory	Good	Very good	Excellent
Medicinal Chemistry II	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Formulative Pharmacy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Pharmacology II	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Pharmacognosy and Phytochemistry II	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Pharmaceutical Jurisprudence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>



## 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
- Poor

## 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 \*

Devika 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

No

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

1) Overall understanding of the subject

[Copy](#)



2) Applicability/relevance to real life situations

[Copy](#)

