



# INDEX

**Criteria No. : 1**

**Metric No. : 1.1.1**

**File Name : The Institution ensures effective curriculum delivery through a well planned and documented process. (2021-2022)**

Sr. No.	Contents	Page No.
1	SPP University, Pune Academic Calendar	01 - 02
2	Institution Academic Calendar	03 - 05
3	Subject Choice (Odd Semester)	06 - 22
4	Subject Allotment (Odd Semester)	23 - 25
5	Academic Time Table (Odd Semester)	26 - 27
6	Subject Choice (Even Semester)	28 - 45
7	Subject Allotment (Even Semester)	46 - 48
8	Academic Time Table (Even Semester)	49 - 50
9	Course File Content	51
10	Practical Course File Content	52
11	Lesson Plan	53 - 61
12	Practical Plan	62 - 65
13	Academic Progress Report	66 - 67

**Savitribai Phule Pune University**  
(Formerly University of Pune)



**Circular No. 134 of 2021**

**Important Notification**

**Dates of Commencement and Conclusion of terms of U.G. / P.G. Courses for the Academic Year 2021-22 For affiliated Colleges/recognised Institutes.**

It is hereby informed that, the dates of Commencement and conclusion of terms of U.G. / P.G. Courses for the Academic Year 2021-2022, under various faculties shall be as under :

The date of Commencement and Conclusion of the academic session of the first year of all those courses whose admission was made/ will be made under Common Entrance Examination (CET) conducted by the Government/SPPU will be announced seperatly.

Sr. No.	Name of the Faculty	Name of the Courses	Year	2021 - 2022			
				First Term		Second Term	
				Commencement	Conclusion	Commencement	Conclusion
1	Science & Technology	Science	I, III	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	01/07/2021	20/10/2021	15/11/2021	30/04/2022
		Engineering	TE, BE	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			SE	20/08/2021	12/11/2021	03/01/2022	15/05/2022
		ME, MCA	II	20/08/2021	12/11/2021	03/01/2022	15/05/2022
		B.Architecture	III, IV & V	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	20/08/2021	12/11/2021	03/01/2022	15/05/2022
		M. Architecture	II	20/08/2021	12/11/2021	03/01/2022	15/05/2022
		B. Pharmacy	III & IV	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	20/08/2021	12/11/2021	03/01/2022	15/05/2022
		M. Pharmacy	II	20/08/2021	12/11/2021	03/01/2022	15/05/2022
2	Commerce & Management	Commerce	I, III	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	01/07/2021	20/10/2021	15/11/2021	30/04/2022
		Management	II	15/11/2021	03/03/2022	11/03/2022	30/06/2022



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PRES's College of Pharmacy (For Women),  
Chincholi, Sinner, Nashik-422102.

Sr. No.	Name of the Faculty	Name of the Courses	Year	2021 - 2022			
				First Term		Second Term	
				Commencement	Conclusion	Commencement	Conclusion
3	Humanities	Arts & Fine Arts	I, III	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	01/07/2021	20/10/2021	15/11/2021	30/04/2022
		Mental, Moral and Social Sciences	I, III	15/06/2021	20/10/2021	15/11/2021	30/04/2022
			II	01/07/2021	20/10/2021	15/11/2021	30/04/2022
		Law : UG & PG	III, IV & V	01/07/2021	11/12/2021	01/01/2022	20/05/2022
		B.A. LL.B. 5 Yrs	II	11/10/2021	31/01/2022	05/2/2022	31/05/2022
		LL.B. 3 Years	II	11/10/2021	31/01/2022	05/2/2022	31/05/2022
4	Inter-disciplinary Studies	Education (B.Ed.)	II	15/09/2021	06/01/2022	17/01/2022	10/05/2022
		Education (M.Ed.)	II	15/09/2021	06/01/2022	17/01/2022	10/05/2022
		Physical Education (B.P.Ed.)	II	15/09/2021	06/01/2022	17/01/2022	10/05/2022
		Physical Education (M.P.Ed.)	II	15/09/2021	06/01/2022	17/01/2022	10/05/2022

#### NOTE

1. In view of prevailing COVID-19 situation in the Country, Colleges / Institutes shall required to follow the guidelines / instructions issued by the Government of Maharashtra time to time.
2. In case the Principal of the Affiliated Colleges require to give additional holiday in exceptional circumstances, he may do by the compensative the same by keeping the college working on Sunday.
3. The college are required to complete the theory and practical remaining syllabus of current term of academic year 2020-21.

*Uttam R. Chavan*  
Uttam R. Chavan  
Deputy Registrar  
(P.G.Admission)

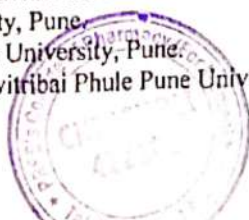
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Date: 14/05/2021

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The Heads of all University Departments, Savitribai Phule Pune University, Pune.  
The Principals of all Affiliated Colleges, Savitribai Phule Pune University, Pune.  
The Directors of all Recognized Institutes, Savitribai Phule Pune University, Pune.

Copy to: for information

The Members of the Management Council , Savitribai Phule Pune University, Pune.  
The Registrar, Savitribai Phule Pune University, Pune.  
The Deans of Faculties, Savitribai Phule Pune University, Pune.  
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.



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## ACADEMIC CALENDAR (June 2021-May2022)

Week No.	Month	Week Days						Working days	Events
		Mon	Tue	Wed	Thu	Fri	Sat		
1	June 21		1	2	3	4	5	4	1-5 Regular lecture
2		7	8	9	10	11	12	6	7-12-Regular lecture
3		14	15	16	17	18	19	5	17-Webinar
4		21	22	23	24	25	26	6	22-online Guest lecture
5		28	29	30				3	30-Teaching staff meeting
6	July 21				1	2	3	2	1-Newsletter of Last Six Months
7		5	6	7	8	9	10	6	9-Blood Donation Camp
8		12	13	14	15	16	17	5	12 to 17-Organization of FDP
9		19	20	21	22	23	24	4	20-Bakri Id 21-Aashadi Ekadashi
10		26	27	28	29	30	31	6	26-Subject Choice for AY 2021-22 31-Month End & Research Meeting
11	Aug 21	2	3	4	5	6	7	5	2-Subject Allotment for AY 2021-22 3-Preparation of Academic Time Table4-M. Pharm Sem. IV Viva
12		9	10	11	12	13	14	6	11-Display Time Table on Notice Board
13		16	17	18	19	20	21	4	19-Muharram 20-Orientation Program of Staff Members
14		23	24	25	26	27	28	6	23-Reopening of Sem. III, V & VII, M. Pharm.Sem. III
15		30	31					2	30-Admission Meeting 31- Month End & Research Meeting
16	Sep 21			1	2	3	4	3	3-Swach Bharat Abhiyaan (NSS Activity)
17		6	7	8	9	10	11	5	10-Ganesh Chaturthi 11-EDP
18		13	14	15	16	17	18	5	13- Soft Skill Training for TY & Final Year 14-Industrial Visit for Second Year B. Pharm
19		20	21	22	23	24	25	6	20- Organization of Value addition courses 25- Mock interview (TY & Final Year)
20		27	28	29	30			4	27-Synopsis Submission of M. Pharm Sem. III 30- Month End & Research Meeting
21	Oct 21					1	2	1	1- Soft Skill Training for TY & Final Year 1-Feedback of Students (Online)
22		4	5	6	7	8	9	6	19-Internal Academic Audit 5-Industrial Visit for Third Year
23		11	12	13	14	15	16	4	14- Soft Skill Training for TY & Final Year 15-Dussehra



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24		18	19	20	21	22	23	5	19-Id-E-Milad 20- GB and CDC Meeting 22-Industrial Visit for Final Year 23- Alumni Overview meeting
25		25	26	27	28	29	30	6	25- First Sessional Exam of III, V & VII 29- Mock interview (TY & Final Year) 30- Month End & Research Meeting
26	Nov 21	1	2	3	4	5	6	3	1-Reopening of First yr. B.Pharm and M.Pharm 4 to 6-Diwali
27		8	9	10	11	12	13	6	12- HR Meet 13- Soft Skill Training for TY & Final Year
28		15	16	17	18	19	20	4	18- Parents Meet 19- Guru Nanak Jayanti
29		22	23	24	25	26	27	6	22- Second Sessional Exam of III, V, VII 23- Industrial Visit for First Year B. Pharm 27- Mock interview (TY & Final Year)
30		29	30					2	30- Soft Skill Training for TY & Final Year 30- Month End & Research Meeting
31	Dec 21			1	2	3	4	3	1- Organization of Value addition courses
32		6	7	8	9	10	11	6	6- Soft Skill Training for TY & Final Year
33		13	14	15	16	17	18	5	13-20-NSS camp 13- University Exam of SY, TY & Final Year
34		20	21	22	23	24	25	5	24- Mock interview (TY & Final Year) 25-Christmas
35		27	28	29	30	31		5	27- Soft Skill Training for TY & Final Year 30-Feedback of Students (Offline) 31-Newsletter of Last Six Months 31- Month End & Research Meeting 31-Padmabhushan Balasheb Vikhe Patil Punyatithi 31-Tree Plantation
36	Jan 22						1		1-Saturday Holiday
37		3	4	5	6	7	8	6	3-Reopening of First year B.Pharm and M.Pharm 7-Freshers Party
38		10	11	12	13	14	15	5	10-22 Semester exam of II,V,VIII sem,IIIrd sem M.Pharm Regular lecture of First year B.Pharm and M.Pharm
39		17	18	19	20	21	22	6	10-22 Semester exam of II,V,VIII sem,IIIrd sem M.Pharm
40		24	25	26	27	28	29	5	24-Reopening for IV,VI,VIIIth sem 26-Republic Day
41		31						1	31-Teaching staff meeting
42	Feb 22		1	2	3	4	5	4	Regular lecture of Ist sem,IM.Pharm
43		7	8	9	10	11	12		07-First Sessional Exam Sem. I 10-Industrial visit for IVth sem



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44		14	15	16	17	18	19		14-17-Sports and cultural days 18-Annual social gathering 19-Shivjayanti
45		21	22	23	24	25	26		22-Industrial Visit for VIth sem
46		28							28 Teaching staff meeting
47	March 22		1	2	3	4	5	3	1-Akshay Tritiya 3-Webinar
48		7	8	9	10	11	12	6	8-Guest lecture for VIIIth sem 11-Industrial visit for VIth sem
49		14	15	16	17	18	19	5	15-Industrial visit for Ist sem
50		21	22	23	24	25	26	6	21- Regular Lectures for Sem. II, VI, VI VIII and M. Pharm
51		28	29	30	31			4	28-Kanya Ratna Abhiyan, Sessional exam of I and M. Pharm 31-Teaching staff meeting
52	Apr 22					1	2	1	1-Guest lecture for Ist sem
53		4	5	6	7	8	9	6	5-8 -Sessional Practical Exam of I,IV,VI,VIIIth sem 7- M.Pharm Ist sem Pract exam
54		11	12	13	14	15	16	4	14- Dr. Babasaheb Ambedkar Jayanti 15- Goodfriday 13-Farewell for VIIIth sem
55		18	19	20	21	22	23	6	18-23 Semester Practical exam of IV,VI,VIIIth sem and M.Pharm Ist sem
56		25	26	27	28	29	30	6	26- First Sessional Exam Sem. II & VI 27- Padmashree Vitthalrao vikhe Patil Death Aniversary
57	May 22	2	3	4	5	6	7	5	05-Padmabhushan Dr. Balasaheb Vikhe Patil Birth Aniversary
58		9	10	11	12	13	14	6	Regular Lectures and Practicals for Sem. II, VI, VI VIII and M. Pharm
59		16	17	18	19	20	21	4	17-Second Sessional Exam Sem. IV, VI, VIII 16-Boodhapoornima
60		23	24	25	26	27	28	6	25-Thesis Submission of M.Pharm IVth Sem 26-28-Project Seminar of Sem. VIII
61		30	31					2	31-Teaching staff meeting
62	June 22			1	2	3	4	3	01-Semester Practical Exam Sem. IV, VI & VIII
63		5	6	7	8	9	10	6	05-World Environment Day 6-Second Sessional Exam Sem. II
64		11	12	13	14	15	16	5	12- Semester Practical Exam Sem. II
65		17	18	19	20	21	22	6	20-Semester Exam of Sem. IV, VI & VIII M. Pharm Sem. II
66		23	24	25	26	27	28	6	Semester Exam of Sem. IV, VI & VIII M. Pharm Sem. II 24-Semester Exam of Sem. II



67		29	30					2	30- Teaching staff meeting
		Total Working Days						217	
Working Days with Activity			University Exams			Teaching Working Days			Holidays
33			28			197			38

*H. S. Mahabadi*

Prepared By

*P. H. Hargale*

Approved By

Principal  
College of Pharmacy, Chincholi  
Tal. Sinnar, Dist. Nashik 422102



*P. H. Hargale*

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### Subjects for Odd Semester

Semester	Subject	No. of Hours		Tutorials
		Theory	Practical	
I	Human Anatomy and Physiology I - Theory/Practical	3	4	1
I	Pharmaceutics I - Theory/Practical	3	4	1
I	PIC - Theory/Practical	3	4	1
I	Pharmaceutical Analysis I - Theory/Practical	3	4	1
I	Communication Skills - Theory/Practical	2	2	0
I	Remedial Biology -Theory/Practical	2	2	0
I	Remedial Maths - Theory	2	0	0
III	POC II - Theory/Practical	3	4	1
III	Physical Pharmaceutics I - Theory/Practical	3	4	1
III	Microbiology - Theory/Practical	3	4	1
III	PE - Theory/Practical	3	4	1
V	Medicinal Chemistry II - Theory	3	0	1
V	Industrial PharmacyI -Theory/Practical	3	4	1
V	Pharmacognosy II - Theory/Practical	3	4	1
V	Pharmacology II - Theory/Practical	3	4	1
V	Pharmaceutical Jurisprudence – Theory	3	0	1
VII	Instrumental Methods of Analysis -Theory/Practical	3	4	1
VII	Industrial Pharmacy -Theory	3	0	1
VII	Pharmacy Practice -Theory	3	0	1
VII	Novel Drug Delivery System -Theory	3	0	1
VII	Practice School	0	0	0
I MQA	MPAT - Theory	4	0	0
I MQA	PDTT - Theory	4	0	0
I MQA	QC & QA - Theory	4	0	0
I MQA	QMS - Theory	4	0	0
I MQA	MPAT - Practical	0	12	0
I MPH	MPAT – Theory	4	0	0
I MPH	Drug Delivery System	4	0	0
I MPH	Modern Pharmaceutics	4	0	0
I MPH	Regulatory Affair	4	0	0
I MPH	Pharmaceutics Practical	0	12	0
III MQA	Research Methodology	4	0	0
III MQA	Introduction to Constitution	4	0	0



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Date: 26 / 07 / 2021


### NOTICE

All the teachers are requested to fill up and give the following information about choice of the courses for allotment of workload of First Semester of AY 2021-2022 on or before 26<sup>th</sup> July 2021 to Mr. Kiran B. Dhamak Academic Incharge. The list of courses is available on the first page. PLEASE NOTE THE FOLLOWING:

- 1.The actual course allotted will depend on the need of the Department & the allotted course may differ from the choice given by you.
- 2.Incompletely filled form will mean that teacher is ready to teach any course.
- 3.Course teachers requested to mention the lab details. Please note that at later stage no lab will be allocated, if the required details not provided now.

Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Kiran B. Dhamak	Medicinal Chemistry II	Third Year B. Pharm	0	Pharm. Chem.	NA	NA	NO	NO	YES
	Research Methodology	III Sem. M. Pharm	2	Quality Assurance	NA	NA	NO	NO	YES
	Communication Skills (Theory/Practical)	First Year B. Pharm	2	Pharm. Chem.	Biochem.	10	NO	10	NO



  
Kiran B. Dhamak  
Name and Signature of Teacher





Date: 26 / 07 / 2021


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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Mayur T. Gaikar	HAP I	First Year B. Pharm	2	P'cology.	HAP	16	NO	NO	YES
	PDTT	I Sem. M. Pharm	1	Quality Assurance	NA	NA	NO	NO	YES
	Pharmacology II	Third Year B. Pharm	0	P'cology.	P'cology.	10	NO	10	NO



  
Mayur T. Gaikar  
Name and Signature of Teacher





Date: 26 / 07 / 2021

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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Vivek A. Kashid	Pharmaceutics I	First Year B. Pharm	2	P'ceutics	P'ceutics I	16	YES	NO	YES
	PJ	Final Year B. Pharm	2	P'ceutics	NA	NA	NO	NO	NO
	Modern Pharmaceutics	I Sem. M. Pharm	0	P'ceutics	NA	NA	NO	NO	NO



Vivek A. Kashid  
Name and Signature of Teacher



Date: 26 / 07 / 2021

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Name and Signature of Teacher with Date	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Dr.C.J.Bhangale	Pharma. Inorganic Chem	First yr	2	Pharma Chem	Pharma Chem	15	Yes	Yes	Yes
	Pharma Analysis-I	First Yr	0	Pharma Chem	Pharma Chem	15	Yes	Yes	Yes
	Instrumental Methods of Analysis	Final yr	0	Pharma Chem	Pharma Chem	16	Yes	Yes	Yes
	MPAT	M. Pharm (Sem I)	2	Quality Assurance	PG QA Lab	25	Yes	Yes	No

  
Dr.C.J.Bhangale  
Name and Signature of Teacher





Date: 26 / 07 / 2021

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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Kaveri T. Vaditake	Pharma. Inorganic Chem	First yr	1	Pharma Chem	Pharma Chem	15	Yes	Yes	Yes
	Pharma Analysis-I	First Yr	2	Pharma Chem	Pharma Chem	15	Yes	Yes	Yes
	MPAT	I Sem. M. Pharm	2	Quality Assurance	Pharma. Analysis	25	Yes	Yes	Yes



Kaveri T. Vaditake  
Name and Signature of Teacher





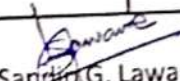
Date: 26 / 07 / 2021

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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Sandip G. Laware	Pharmacognosy & Phytochemistry	Third Year B. Pharm	0	P'cognosy	P'cognosy	15	No	No	Yes
	Remedial Biology	First Year B. Pharm	2	P'cognosy	NA	0	NA	NA	NA
	Practice School	Final Year B. Pharm	0	P'cognosy	NA	0	NA	NA	NA

  
Sandip G. Laware  
Name and Signature of Teacher





Date: 26 / 07 / 2021

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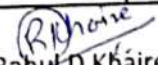
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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Rahul D Khaire	POC II	Second Year B. Pharm	2	Pharma Chem	Pharma Chem	15	No	No	Yes
	Pharma. Inorganic Chem	First yr	1	Pharma Chem	Pharma Chem	15	Yes	Yes	Yes
	PJ	Third Year B. Pharm	2	P'ceutics	P'ceutics	NA	NA	NA	Yes



  
Rahul D Khaire  
Name and Signature of Teacher



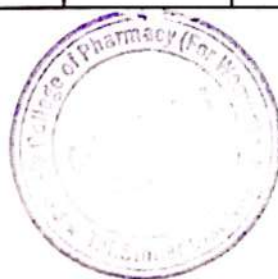
Date: 26 / 07 / 2021


### NOTICE

All the teachers are requested to fill up and give the following information about choice of the courses for allotment of workload of First Semester of AY 2021-2022 on or before 26th July 2021 to Mr. Kiran B. Dhamak Academic Incharge. The list of courses is available on the first page. PLEASE NOTE THE FOLLOWING:

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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Dr. A. V. Baviskar	PP I	Second Year B. Pharm	2	P'ceutics	P'ceutics	15	Yes	Yes	Yes
	Novel Drug delivery System	Final Year B. Pharm	0	P'ceutics	P'ceutics	NA	NA	NA	Yes
	Drug Delivery System	I Sem. M. Pharm	0	P'ceutics	NA	NA	NA	NA	NA



  
Dr. A. V. Baviskar  
Name and Signature of Teacher





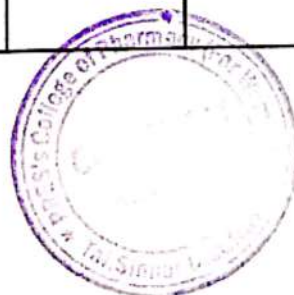
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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Sachin B. Somwanshi	PE	Second Year B. Pharm	2	P'ceutics	P'ceutics	15	Yes	Yes	Yes
	Novel Drug delivery System	Final Year B. Pharm	0	P'ceutics	P'ceutics	NA	NA	NA	Yes
	Regulatory Affairs	I Sem. M. Pharm	0	P'ceutics	NA	NA	NA	NA	NA



Sachin B. Somwanshi  
Name and Signature of Teacher



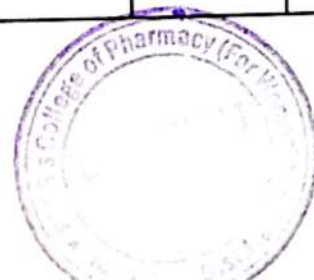
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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Dr. Ramdas T. Dolas	Industrial Pharmacy I	Third Year B. Pharm	0	P'ceutics	P'ceutics	15	Yes	Yes	Yes
	Modern Pharmaceutics	M. Pharm (Sem. I)	0	P'ceutics	NA	NA	NA	NA	NA
	Pharmaceutics Practical	M. Pharm (Sem. I)	1	P'ceutics	PG P'ceutics	25	Yes	Yes	NA



Dr. Ramdas T. Dolas  
Name and Signature of Teacher



Date: 26 / 07 / 2021

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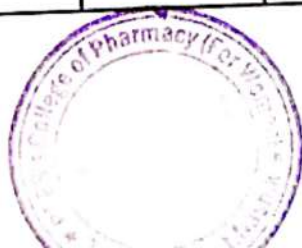
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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Mrs. Sangita N. Bhandare	Pharmacology II	Third Year B. Pharm	0	P'cology.	P'cology.	10	NO	10	Yes
	Pharmacy Practice	Final Year B. Pharm	0	P'cology.	NA	NA	NO	NO	YES
	QC & QA	I Sem. M. Pharm	1	Quality Assurance	NA	NA	NO	NO	YES

Mrs. Sangita N. Bhandare  
Name and Signature of Teacher







Date: 26 / 07 / 2021

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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Vinayak M. Gaware	PIC	First Year B. Pharm	0	Pharm. Chem.	Pharm. Chem.	15	NO	NO	Yes
	Medicinal Chemistry II	Third Year B. Pharm	0	Pharm. Chem.	NA	NA	NA	NA	Yes
	Instrumental Methods of Analysis	Final yr	0	Pharma Chem	Pharma Chem	16	Yes	Yes	Yes



Vinayak M. Gaware  
Name and Signature of Teacher



Date: 26 / 07 / 2021

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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Dr. Kiran B. Kotade	Pharmacy Practice	Final Year B. Pharm	0	P'cology.	P'cology.	NA	NA	NA	Yes
	QMS	I Sem. M. Pharm	1	Quality Assurance	NA	NA	NO	NO	YES
	HAP I	First Year B. Pharm	2	P'cology.	HAP	16	NO	NO	YES



Dr. Kiran B. Kotade  
Name and Signature of Teacher



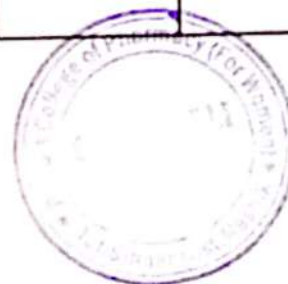
Date: 26 / 07 / 2021

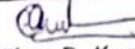
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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Vikas D. Kunde	Microbiology	Second Year B. Pharm	2	P'ceutics	P'ceutics	15	Yes	Yes	Yes
	PJ	Third Year B. Pharm	0	P'ceutics	NA	NA	NA	NA	Yes
	Industrial Pharmacy	Final Year B. Pharm	0	P'ceutics	NA	NA	NA	NA	Yes



  
Vikas D. Kunde  
Name and Signature of Teacher





Date: 26 / 07 / 2021

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Name and Signature of Teacher with Date	Priority wise choice of Course for UG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Roma M. Sharma	Pharmacognosy & Phytochemistry	Third Year B. Pharm	0	P'cognosy	P'cognosy	15	No	No	Yes
	Remedial Biology	First Year B. Pharm	0	P'cognosy	NA	0	NA	NA	NA
	Communication Skills	First Year B. Pharm	0	P'cognosy	Class Room	10	NA	NA	Yes



*Roma M. Sharma*  
Roma M. Sharma  
Name and Signature of Teacher



Date: 26 / 07 / 2021

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Tejashree M. Mulay	POC II	Second Year B. Pharm	0	Pharma Chem	Pharma Chem	15	No	No	Yes
	Pharma. Inorganic Chem	First yr	0	Pharma Chem	Pharma Chem	15	Yes	Yes	Yes
	Pharma Analysis-I	First Yr	0	Pharma Chem	Pharma Chem	15	Yes	Yes	Yes



Tejashree M. Mulay  
Tejashree M. Mulay  
Name and Signature of Teacher









BP 308P	Pharmaceutical Engineering –Practical	Dr. S. B. Somwanshi	
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Semester V

Course Code	Name of the Course	Name of the Staff	Signature
BP501T	Medicinal Chemistry II – Theory	Mr. K. B. Dhamak	
BP502T	Industrial Pharmacy I– Theory	Dr. R. T. Dolas	
BP503T	Pharmacology II – Theory	Mrs. S. N. Bhandare	
BP504T	Pharmacognosy and Phytochemistry II– Theory	Mr. S. G. Laware	
BP505T	Pharmaceutical Jurisprudence – Theory	Mr. R. D. Khaire	
BP506P	Industrial Pharmacy I – Practical	Dr. R. T. Dolas	
BP507P	Pharmacology II – Practical	Mrs. S. N. Bhandare	
BP508P	Pharmacognosy and Phytochemistry II – Practical	Mr. S. G. Laware	

Semester VII

Course Code	Name of the Subject	Name of the Staff	Signature
BP701T	Instrumental Methods of Analysis – Theory	Dr. C. J. Bhangale	
BP702T	Industrial Pharmacy – Theory	Mr. V. D. Kunde	
BP703T	Pharmacy Practice – Theory	Dr. K. B. Kotade	
BP704T	Novel Drug Delivery System – Theory	Dr. A. V. Baviskar	
BP705P	Instrumental Methods of Analysis - Practical	Dr. C. J. Bhangale	
BP706PS	Practice School	Mr. S. G. Laware	



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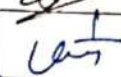

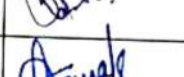




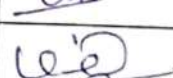



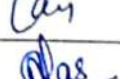
PRES's College of Pharmacy (For Women),  
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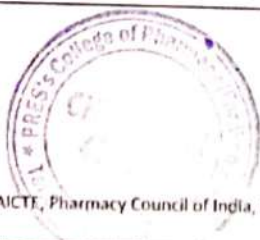
Approved by AICTE, Pharmacy Council of India, New Delhi and recognized by Govt. of Maharashtra  
AISHE Code No. C-44115

Address: A-2, P.O. Chincholi, Tal. Sinnar, Dist. Nashik (M.S.) Pin-422102  
Phone: 02532222222, 02532222222, 02532222222, 02532222222, 02532222222, 02532222222, 02532222222, 02532222222



**M. Pharmacy**  
**Semester I**

Semester I			
Course Code	Name of the Course	Name of the Staff	Signature
<b>Department of Pharmaceutical Quality Assurance</b>			
I MQA101T	MPAT – Theory	Dr. C. J. Bhangale	
I MQA102T	QC & QA - Theory	Mr. K. B. Dhamak	
I MQA103T	PDTT - Theory	Mr. V. M. Gaware	
I MQA104	QMS - Theory	Dr. K. B. Kotade	
MRM301T	Research Methodology	Mr. K. B. Dhamak	
SEM III	Introduction to Constitution	Mr. V. M. Gaware	
I MQA105P	MPAT - Practical	Ms. K. T. Vaditake	
<b>Department of Pharmaceutics</b>			
I MPH101T	MPAT – Theory	Dr. C. J. Bhangale	
I MPH102T	Drug Delivery System	Dr. A. V. Baviskar	
I MPH103T	Modern Pharmaceutics	Dr. V. A. Kashid	
I MPH104T	Regulatory Affair	Dr. S. B. Somwanshi	
MRM301T	Research Methodology	Mr. K. B. Dhamak	
SEM III	Introduction to Constitution	Mr. V. M. Gaware	
I MPH105P	Pharmaceutics Practical	Dr. R. T. Dolas	



Approved by AICTE, Pharmacy Council of India, New Delhi and recognized by Govt. of Maharashtra  
AISH Code No. C-44115

*Phangals*  
**PRINCIPAL**  
PRES's College of Pharmacy (For Women),  
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AIStE Code No. C-44115

Address: 147 P.O. Chichester, Tel. 01903 251111, Fax 01903 251112, Email: [info@chichester.co.uk](mailto:info@chichester.co.uk)





ONLINE CLASS TIME TABLE 2021-2022

w.e.f. 23/08/2021

Lecture No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Second Year B. Pharm</b>							
1	09:00 to 10:00	Micro/VDK	PP I/AVB	Micro/VDK	PP I/Tutorial	Micro/VDK	Mentoring/RMS
2	10:00 to 11:00	POC II/RDK	PE/SBS	PP I/AVB	POC II/Tutorial	PE/SBS	Mentoring/
3	11:00 to 12:00	PE/SBS	POC II/RDK	PE/SBS	PE/Tutorial	PE/SBS	Mentoring/RDK
4	12:00 to 01:00	PP I/AVB	Micro/VDK	POC II/RDK	Micro/Tutorial	POC II/RDK	Mentoring/KBK
<b>Third Year B. Pharm</b>							
1	09:00 to 10:00	MC II/KBD	P'Cog/SGL	PJ/RDK	MC II/Tutorial	PJ/RDK	PJ/Tutorial
2	10:00 to 11:00	IP I/RTD	P'Col/SNB	P'Cog/SGL	IP I/RTD	IP I/Tutorial	IP I/RTD
3	11:00 to 12:00	P'Cog/SGL	IP I/RTD	MC II/KBD	P'Cog/Tutorial	MC II/KBD	P'Cog/SGL
4	12:00 to 01:00	P'Col/SNB	MC II/KBD	P'Col/SNB	PJ/RDK	P'Col/Tutorial	P'Col/SNB
<b>Final Year B. Pharm</b>							
1	09:00 to 10:00	GPAT/KTV	IP II/VDK	GPAT/MTG	IP II/Tutorial	GPAT/RMS	NDDS/AVB
2	10:00 to 11:00	IMA/CJB	IMA/CJB	IMA/CJB	IMA/Tutorial	NDDS/AVB	PP/KBK
3	11:00 to 12:00	PP/KBK	PP/KBK	PP/KBK	PP/Tutorial	IMA/CJB	NDDS/ Tutorial
4	12:00 to 01:00	IP II/VDK	GPAT/VAK	IP II/VDK	NDDS/AVB	IP II/VDK	GPAT/VMG
<b>M. Pharm (Sem. III)</b>							
1	09:00 to 10:00	IC/VMG	RM/KBD	IC/VMG	-	IC/VMG	RM/KBD
2	10:00 to 11:00	-	IC/VMG	-	RM/KBD	-	RM/KBD

Mr. Kiran B. Dhamak

Academic Incharge



Dr. Chardushila J. Bhangale

Principal

**PRINCIPAL**  
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Chincholi, Sinner, Nashik-422102.





ONLINE CLASS TIME TABLE 2021-2022 (REVISED ON 13/10/2021) w.e.f. 18/10/2021 to 30/10/2021

Lecture No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Second Year B. Pharm</b>							
1	09:00 to 10:00	Micro/VDK	PE/SBS	PP I/SDG	POC II/RDK	Micro/VDK	PE/SBS
2	10:00 to 11:00	Micro/VDK	PE/SBS	PP I/SDG	POC II/RDK	Micro/VDK	PE/SBS
3	11:00 to 12:00	PP I/SDG	POC II/RDK	Micro/VDK	PE/SBS	PP I/SDG	POC II/RDK
4	12:00 to 01:00	PP I/SDG	POC II/RDK	Micro/VDK	PE/SBS	PP I/SDG	POC II/RDK
5	02:00 to 03:00	PE/SBS	PP I/SDG	POC II/RDK	Micro/VDK	PE/SBS	Micro/VDK
6	03:00 to 04:00	POC II/RDK	PP I/SDG	PE/SBS	PP I/SDG	POC II/RDK	PP I/SDG
<b>Third Year B. Pharm</b>							
1	09:00 to 10:00	MC II/KBD	IP I/RTD	P'Cog/SGL	P'Col/SNB	PJ/TMM	MC II/KBD
2	10:00 to 11:00	MC II/KBD	IP I/RTD	P'Cog/SGL	P'Col/SNB	PJ/TMM	IP I/RTD
3	11:00 to 12:00	IP I/RTD	P'Cog/SGL	P'Col/SNB	PJ/TMM	MC II/KBD	P'Cog/SGL
4	12:00 to 01:00	P'Cog/SGL	P'Col/SNB	PJ/TMM	MC II/KBD	IP I/RTD	P'Col/SNB
5	02:00 to 03:00	P'Col/SNB	PJ/TMM	MC II/KBD	IP I/RTD	P'Cog/SGL	PJ/TMM
6	03:00 to 04:00	PJ/TMM	MC II/KBD	IP I/RTD	P'Cog/SGL	P'Col/SNB	PJ/TMM
<b>Final Year B. Pharm</b>							
1	09:00 to 10:00	IMA/CJB	NDDS/AVB	IMA/CJB	IP II/VDK	IMA/CJB	NDDS/AVB
2	10:00 to 11:00	IMA/CJB	NDDS/AVB	IMA/CJB	IP II/VDK	IMA/CJB	NDDS/AVB
3	11:00 to 12:00	PP/KBK	IP II/VDK	PP/KBK	NDDS/AVB	PP/KBK	IP II/VDK
4	12:00 to 01:00	PP/KBK	IP II/VDK	PP/KBK	NDDS/AVB	PP/KBK	IP II/VDK
5	02:00 to 03:00	NDDS/AVB	IMA/CJB	NDDS/AVB	IMA/CJB	NDDS/AVB	IMA/CJB
6	03:00 to 04:00	IP II/VDK	PP/KBK	IP II/VDK	PP/KBK	IP II/VDK	PP/KBK
<b>M. Pharm (Sem. III)</b>							
1	09:00 to 10:00	IC/VMG	RM/KBD	IC/VMG	RM/KBD	IC/VMG	IC/VMG
2	10:00 to 11:00	IC/VMG	RM/KBD	IC/VMG	RM/KBD	RM/KBD	RM/KBD

Mr. Kiran B. Dhamak  
Academic Incharge



Dr. Charushila V. Bhangale

Principal

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### Subjects for Even Semester

Semester	Subject	No. of Hours		Tutorials
		Theory	Practical	
II	Human Anatomy and Physiology II – Theory	3	0	1
II	Pharmaceutical Organic Chemistry I – Theory	3	0	1
II	Biochemistry – Theory	3	0	1
II	Pathophysiology – Theory	3	0	1
II	Computer Applications in Pharmacy – Theory*	3	0	0
II	Environmental sciences – Theory*	3	0	0
II	Human Anatomy and Physiology II – Practical	0	4	0
II	Pharmaceutical Organic Chemistry I – Practical	0	4	0
II	Biochemistry – Practical	0	4	0
II	Computer Applications in Pharmacy – Practical*	0	3	0
IV	Pharmaceutical Organic Chemistry III – Theory	3	0	1
IV	Medicinal Chemistry I – Theory	3	0	1
IV	Physical Pharmaceutics II – Theory	3	0	1
IV	Pharmacology I – Theory	3	0	1
IV	Pharmacognosy I – Theory	3	0	1
IV	Medicinal Chemistry I – Practical	0	4	0
IV	Physical Pharmaceutics II – Practical	0	4	0
IV	Pharmacology I – Practical	0	4	0
IV	Pharmacognosy I – Practical	0	4	0
VI	Medicinal Chemistry III – Theory	3	0	1
VI	Pharmacology III – Theory	3	0	1
VI	Herbal Drug Technology – Theory	3	0	1
VI	Biopharmaceutics and Pharmacokinetics	3	0	1
VI	Pharmaceutical Biotechnology – Theory	3	0	1
VI	Quality Assurance – Theory	3	0	1
VI	Medicinal chemistry III – Practical	0	4	0
VI	Pharmacology III – Practical	0	4	0
VI	Herbal Drug Technology – Practical	0	4	0
VIII	Social and Preventive Pharmacy – Theory	3	0	1
VIII	Biostatistics and Research Methodology	3	0	1
VIII	Cosmetic Science	3	0	1
VIII	Advanced Instrumentation Techniques	3	0	1
VIII	Pharmacovigilance	3	0	1
VIII	Project Work	3	0	1
II MQA	Hazards and Safety Management - Theory	4	0	0
II MQA	Pharmaceutical Validation - Theory	4	0	0
II MQA	Audits and Regulatory Compliance - Theory	4	0	0



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II MQA	Pharmaceutical Manufacturing Technology	4	0	0
II MQA	Pharmaceutical Quality Assurance Practical II	0	12	0
II MPH	Molecular Pharmaceutics (Nano Tech and Targeted DDS) - Theory	4	0	0
II MPH	Advanced Biopharmaceutics & Pharmacokinetics - Theory	4	0	0
II MPH	Computer Aided Drug Delivery System - Theory	4	0	0
II MPH	Cosmetic and Cosmeceuticals - Theory	4	0	0
II MPH	Pharmaceutics Practical II	0	12	0



*A. Hargale*  
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### NOTICE

Date: 19 / 01 / 2022

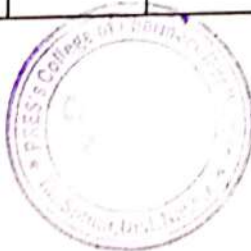
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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Kiran B. Dhamak	Biochemistry	FY	2	Pharm. Chem	Biochem.	15	No	No	Yes
	POC III	SY	0	Pharm. Chem	NA	NA	NA	NA	Yes
	Audits and Regulatory Compliance	II MQA	0	QAT	NA	NA	NA	NA	No

Kiran B. Dhamak

Name and Signature of Teacher





### NOTICE

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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Mayur T. Gaikar	HAP II	FY	1	P'cology	HAP	15	No	No	Yes
	Social and Preventive Pharmacy	Final Year	0	P'cology	NA	NA	NA	NA	Yes
	Pharmacology III	TY	0	P'cology	P'cology	15	No	No	Yes



  
Mayur T. Gaikar  
Name and Signature of Teacher



PRAVARA RURAL EDUCATION SOCIETY'S  
**COLLEGE OF PHARMACY (FOR WOMEN)**  
NASHIK

**NOTICE**

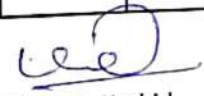
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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Vivek A. Kashid	Pharmaceutical Validation	II MPH	0	P'ceutics	NA	NA	NA	NA	NA
	Molecular Pharmaceutics	II MPH	0	P'ceutics	NA	NA	NA	NA	NA
	Biostatistics and Research Methodology	Final Year	0	P'ceutics	NA	NA	NA	NA	Yes



  
Vivek A. Kashid  
Name and Signature of Teacher







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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Dr.C.J.Bhangale	Biochemistry	FY	1	Pharm. Chem	Biochem.	15	No	No	Yes
	Hasazard and Safety Management	II MQA	2	QAT	NA	NA	NA	NA	NA
	PQAT Practical	II MQA	0	QAT	QAT	18	Yes	Yes	No



  
Dr.C.J.Bhangale  
Name and Signature of Teacher



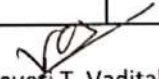
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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Kaveri T. Vaditake	Medicinal Chemistry I	SY	2	Pharm. Chem.	Pharm. Chem. II	16	No	No	Yes
	Advanced Instrumentation Techniques	Final Year	0	Pharm. Chem.	NA	NA	NA	NA	NA
	PQAT Practical	II MQA	0	QAT	QAT	18	Yes	Yes	No

  
Kaveri T. Vaditake  
Name and Signature of Teacher





### NOTICE

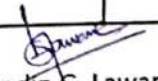
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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Sandip G. Laware	Herbal Drug Technology	TY	1	P'Cognosy	P'Cognosy I	16	Yes	No	Yes
	Pharmacognosy I	SY	1	P'Cognosy	P'Cognosy I	15	No	No	Yes
	Environmental Sciences	FY	0	P'Cognosy	NA	NA	NA	NA	NA



  
Sandip G. Laware  
Name and Signature of Teacher





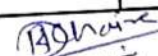
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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Rahul D Khaire	POC III	SY	0	Pharm. Chem	NA	NA	NA	NA	Yes
	Medicinal Chemistry III	TY	2	Pharm. Chem.	Pharm. Chem. II	16	Yes	No	Yes
	PMT	II MQA	0	QAT	NA	NA	NA	NA	NA

  
Rahul D Khaire  
Name and Signature of Teacher





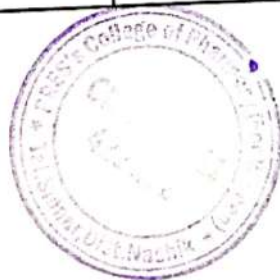
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
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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Dr. A. V. Baviskar	Computer Aided Drug Delivery System	II MPH	0	P'ceutics	NA	NA	NA	NA	NA
	Advanced Biopharmaceutics & Pharmacokinetics	II MPH	0	P'ceutics	NA	NA	NA	NA	NA
	Pharmaceutics Practical II	II MPH	0	P'Ceutics	P'Ceutics	18	Yes	Yes	No



  
Dr. A. V. Baviskar  
Name and Signature of Teacher



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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Sachin B. Somwanshi	Cosmetic Science	Final Year	0	P'Ceutics	NA	NA	NA	NA	Yes
	Quality Assurance	TY	0	P'Ceutics	NA	NA	NA	NA	NA
	Cosmetic and Cosmeceuticals	II MPH	0	MPH	NA	NA	NA	NA	NA

Sachin B. Somwanshi  
Name and Signature of Teacher





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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Mrs. Sangita N. Bhandare	Pharmacology III	TY	0	P'cology	P'cology	15	No	No	Yes
	Social and Preventive Pharmacy	Final Year	0	P'cology	NA	NA	NA	NA	NA
	Pathophysiology	FY	0	P'cology	NA	NA	NA	NA	Yes



Mrs. Sangita N. Bhandare  
Name and Signature of Teacher



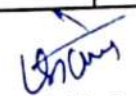
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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Vinayak M. Gaware	Medicinal Chemistry III	TY	0	Pharm. Chem.	Pharm. Chem. II	16	Yes	No	Yes
	POC I	FY	0	Pharm. Chem.	Pharm. Chem. I	15	No	No	Yes
	Pharmaceutical Validation	II MQA	0	QAT	NA	NA	NA	NA	No

  
Vinayak M. Gaware  
Name and Signature of Teacher



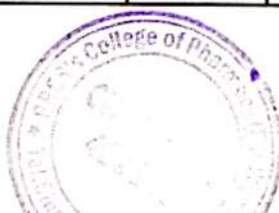
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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Dr. Kiran B. Kotade	HAP II	FY	1	P'cology	HAP	15	No	No	Yes
	Pathophysiology	FY	0	P'cology	NA	NA	NA	NA	Yes
	Pharmacovigilance	Final Year	0	P'cology	NA	NA	NA	NA	NA



Dr. Kiran B. Kotade  
Name and Signature of Teacher





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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Roma M. Sharma	Pharmacognosy I	SY	1	P'Cognosy	P'Cognosy I	15	No	No	Yes
	Herbal Drug Technology	TY	1	P'Cognosy	P'Cognosy I	16	Yes	No	Yes



Roma M. Sharma  
Name and Signature of Teacher



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Tejashree M. Mulay	POC III	SY	0	Pharm. Chem	NA	NA	NA	NA	Yes
	Medicinal Chemistry I	SY	2	Pharm. Chem.	Pharm. Chem. II	16	No	No	Yes
	POC I	FY	1	Pharm. Chem.	Pharm. Chem. I	15	No	No	Yes



*Tejashree M. Mulay*  
Tejashree M. Mulay  
Name and Signature of Teacher



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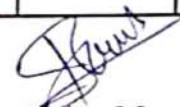
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Name of the Teacher	Priority wise choice of Course for UG/PG	Class	Number of times Course is Taught	Department	Name of Lab	No. of Experiment	Use of Instrument Room	No. of Lab Sessions Required	Class Room for Tutorial
Bushra S Sayyad	Quality Assurance	TY	0	P'Ceutics	NA	NA	NA	NA	NA
	Biopharmaceutics and Pharmacokinetics	TY	0	P'ceutics	NA	NA	NA	NA	Yes



  
Bushra S Sayyad  
Name and Signature of Teacher





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Vikas D. Kunde	Biopharmaceutics and Pharmacokinetics	TY	0	P'ceutics	NA	NA	NA	NA	Yes
	Physical Pharmaceutics II	SY	1	P'ceutics	P'ceutics II	16	Yes	Yes	Yes
	Pharmaceutics Practical II	II MPH	0	P'Ceutics	P'Ceutics	18	Yes	Yes	No



Vikas D. Kunde  
Name and Signature of Teacher



**B. Pharmacy**  
**Subject Allotment for Even Semester 2021-2022**  
**Semester II**

Course Code	Name of the Course	Name of the Staff	Signature
BP201T	Human Anatomy and Physiology II – Theory	Mr. M. T. Gaikar	
BP202T	Pharmaceutical Organic Chemistry I – Theory	Mrs. T. M. Mulay	
BP203T	Biochemistry – Theory	Mr. K. B. Dhamak	
BP204T	Pathophysiology – Theory	Mrs. S. N. Bhandare	
BP205T	Computer Applications in Pharmacy – Theory*	Mrs. R. M. Sharma	
BP206T	Environmental sciences – Theory*	Dr. V. A. Kashid	
BP207P	Human Anatomy and Physiology II – Practical	Mr. M. T. Gaikar	
BP208P	Pharmaceutical Organic Chemistry I – Practical	Mrs. T. M. Mulay	
BP209P	Biochemistry – Practical	Mr. K. B. Dhamak	
BP210P	Computer Applications in Pharmacy – Practical*	Ms. B. S. Sayyad	

**Semester IV**

Course Code	Name of the Course	Name of the Staff	Signature
BP401T	Pharmaceutical Organic Chemistry III – Theory	Mr. R. D. Khaire	
BP402T	Medicinal Chemistry I – Theory	Ms. K. T. Vaditake	
BP403T	Physical Pharmaceutics II – Theory	Ms. S. D. Gite	
BP404T	Pharmacology I – Theory	Dr. K. B. Kotade	
BP405T	Pharmacognosy I – Theory	Mrs. R. M. Sharma	
BP406P	Medicinal Chemistry I – Practical	Ms. K. T. Vaditake	
BP407P	Physical Pharmaceutics II – Practical	Ms. S. D. Gite	
BP408P	Pharmacology I – Practical	Dr. K. B. Kotade	
BP409P	Pharmacognosy I – Practical	Mrs. R. M. Sharma	

Approved by AICTE, Pharmacy Council of India, New Delhi and recognized by Govt. of Maharashtra  
AISHE Code No. C-44115

Address: A/1, P.O. Chincholi, Tal. Sinnar, Dist. Nashik (M.S.) Pin - 422 102  
Website: www.prvaredu.in | E-mail: principal@pharmwomenashik@gmail.com

**PRINCIPAL**







LOKNETE DR. BALASAHEB VIKHE PATIL  
(PADMA BHUSHAN AWARDEE)  
PRAVARA RURAL EDUCATION SOCIETY'S  
**COLLEGE OF PHARMACY (FOR WOMEN)**  
**NASHIK**

**Semester VI**

Course Code	Name of the Course	Name of the Staff	Signature
BP601T	Medicinal Chemistry III – Theory	Mr. V. M. Gaware	
BP602T	Pharmacology III – Theory	Mrs. S. N. Bhandare	
BP603T	Herbal Drug Technology – Theory	<b>Mr. S. G. Laware</b>	
BP604T	Biopharmaceutics and Pharmacokinetics	Dr. R. T. Dolas	
BP605T	Pharmaceutical Biotechnology– Theory	Mr. V. D. Kunde	
BP606T	Quality Assurance– Theory	Ms. B. S. Sayyad	
BP607P	Medicinal chemistry III – Practical	Mr. V. M. Gaware	
BP608P	Pharmacology III – Practical	Mrs. S. N. Bhandare	
BP609P	Herbal Drug Technology – Practical	<b>Mr. S. G. Laware</b>	

**Semester VIII**

Course Code	Name of the Subject	Name of the Staff	Signature
BP801T	Biostatistics and Research Methodology	Mr. K. B. Dhamak	
BP802T	Social and Preventive Pharmacy – Theory	Mr. M. T. Gaikar	
BP809ET	Cosmetic Science	Dr. S. B. Somwanshi	
BP811ET	Advanced Instrumentation Techniques	Dr. C. J. Bhangale	
BP812PW	Project Work	<b>Mr. S. G. Laware</b>	

**PRINCIPAL**

PRES's College of Pharmacy (For Women),  
Chincholi, Sinnar, Nashik-422102.





**M. Pharmacy  
Semester II**

Course Code	Name of the Course	Name of the Staff	Signature
<b>Department of Pharmaceutical Quality Assurance</b>			
MQA201T	Hazards and Safety Management	Dr. C. J. Bhangale	
MQA202T	Pharmaceutical Validation	Dr. V. A. Kashid	
MQA203T	Audits and Regulatory Compliance	Mr. V. M. Gaware	
MQA204T	Pharmaceutical Manufacturing Technology	Mr. R. D. Khaire	
MQA205P	Pharmaceutical Quality Assurance Practical II	Ms. K. T. Vaditake	
<b>Department of Pharmaceutics</b>			
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	Mr. V. D. Kunde	
MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	Dr. R. T. Dolas	
MPH203T	Computer Aided Drug Delivery System	Dr. A. V. Baviskar	
MPH204T	Cosmetic and Cosmeceuticals	Dr. S. B. Somwanshi	
MPH205P	Pharmaceutics Practical II	Dr. R. T. Dolas	

**B. PHARMACY ACADEMIC TIME TABLE 2021-22 (EVEN SEM)**

Time	BATCH	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
FIRST YEAR B. PHARM (SEM II)							
9.00-10.00	1	HAP II/MTG	CAP/TMM	BIOCHEM/KBD	TUTORIAL /SNB	POC I/TMM	CAP / BSS
10.00-11.00	2	CAP / BSS	BIOCHEM/VB	PATHO/UVG	POC I/TMM	TUTORIAL / TMM	TUTORIAL/MTG
11.00-12.00	3	BIOCHEM/VB	PATHO/UVG	HAP II/MTG	EVS/KTV	EVS/KTV	EVS/KTV
12.00-1.00	4	PATHO/SNB	HAP II/MTG	POC I/TMM	TUTORIAL /KBD	Mentoring	TUTORIAL/KTV
1.00-1.30	LUNCH BREAK						
1.30-5.30	A	HAP II/MTG	BIOCHEM/KBD	POC I/TMM	CAP/BSS	BIOCHEM/CJB	POC I/VB
	B	POC I/TMM	HAP II/MTG	BIOCHEM/KBD	POC I/VB	CAP/BSS	BIOCHEM/CJB
	C	BIOCHEM/KBD	POC I/TMM	HAP II/MTG	BIOCHEM/CJB	SPORTS (04:00 to 05:00)	CAP/BSS
SECOND YEAR B. PHARM (SEM IV)							
9.00 to 01:00	A	MC I/KTV	PCOL/KBK	PP II/SDG	PCOG/RMS	PCOL/ VDK	PP II/UVG
	B	PP II/SDG	MC I/KTV	PCOL/KBK	PP II/UVG	PCOG/RMS	PCOL/ VDK
	C	PCOL/KBK	PP II/SDG	MC I/KTV	PCOL/VDK	PP II/UVG	PCOG/RMS
01:00 to 01:30	LUNCH BREAK						
		45 min lecture					
01:30 to 02:30	1	POC III/UVG	MC I/KTV	PP II/SDG	PCOL/ KBK	PCOG/RMS	PCOG/RMS
02:30 to 03:30	2	MC I/KTV	PP II/SDG	POC III/RDK	PCOG/RMS	PCOL/KBK	POC III/UVG
03:30 to 04:30	3	PP II/SDG	PCOL/KBK	MC I/KTV	TUTORIAL /RMS	SPORTS (04:00 to 05:00)	TUTORIAL/KTV
04:30 to 05:00	4	Tutorial/KBK	MENTORING	TUTORIAL/RDK	TUTORIAL/RDK		TUTORIAL/SDG
THIRD YEAR B. PHARM (SEM VI)							
9.00-10.00	1	PCOL/SNB	HDT/SGL	MC III/RDK	BIOTECH/VDK	PCOL/SNB	BIOPHARM/RTD
10.00-11.00	2	HDT/SGL	BIOPHARM/RTD	QA/BSS	MC III/RDK	MC III/RDK	PCOL/SNB
11.00-12.00	3	BIOPHARM/RTD	BIOTECH/VDK	HDT/SGL	QA/BSS	QA/BSS	BIOTECH/VDK
12.00-1.00	4	TUTORIAL/VDK	TUTORIAL/RDK	TUTORIAL/ RTD	TUTORIAL/SGL	TUTORIAL/SNB	TUTORIAL/ BSS
1.00-1.30	LUNCH BREAK						
1.30-5.30	A	MC III/RDK	HDT/SGL	PCOL/SNB	PCOL/VDK	HDT/VAK	MC III/VMG
	B	PCOL/SNB	MC III/RDK	HDT/SGL	MC III/VMG	PCOL/VDK	HDT/VAK
	C	HDT/SGL	PCOL/SNB	MC III/RDK	HDT/VAK	MC III/VMG	Mentoring
						SPORTS (04:00 to 05:00)	
FINAL YEAR B. PHARM (SEM VIII)							
09:30 to 10:30	1	PV/KBK	CS/SBS	SPP/MTG	CS/SBS	TUTORIAL/ VAK	PRS/AVB/SBS
10:30 to 11:30	2	BRM/VAK	PV/KBK	PV/KBK	BRM/VAK	QCSH/SGL	QCSH/SGL
11:30 to 12:30	3	SPP/MTG	TUTORIAL/ SBS	BRM/VAK	Tutorial /KBK	Tutorial /MTG	Tutorial/AVB/SBS
12:30 to 01:30	LUNCH BREAK						
02:00 to 03:00	4	PRS/AVB/SBS	BRM/VAK	PRS/AVB/SBS		SPORTS (04:00 to 05:00)	Project Work
03:00 to 04:00	5	QCSH/SGL	SPP/MTG	QCSH/SGL	Project Work		
04:00 to 05:00		CS/SBS	Tutorial/SGL	Project Work			

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**M. PHARMACY ACADEMIC TIME TABLE (EVEN SEM) 2021-22**

DEPARTMENT OF QUALITY ASSURANCE (SEM II)							
9.00-10.00	1	HSM/CJB	TUTORIAL/CJB	HSM/CJB	ARC/KBD	HSM/CJB	ARC/KBD
10.00-11.00	2	PV/AVB/VMG	PMT/ RMS	PV/AVB/VMG	PMT/RMS	PV /AVB/VMG	TUTORIAL/ RMS
11.00-12.00	3	PMT/RMS	PV/AVB/VMG	MENTORING	Journal club	ARC/KBD	TUTORIAL/KBD
LUNCH BREAK							
1.00-5.00	Practical	PQA-II/AVB/VB	PQA-II/AVB/BSS	PQA-II/AVB/UVG	Journal club Presentation	1.00-2.00 Tutorial/VMG Sports	Journal club Presentation
DEPARTMENT OF PHARMACEUTICS (SEM II)							
09:15 to 10:15	1	MP/VDK	CADDs/VAK	CC/SBS	CADDs/VAK	CC/SBS	CADDs/VAK
10:15 to 11:15	2	CC/SBS	ABP/RTD	ABP/RTD	ABP/RTD	ABP/RTD	CC/SBS
11:15 to 12:15	3	CADDs/VAK	Assignment	MP/VDK	MP/VDK	MP/VDK	MENTORING
12:15 to 1.00	LUNCH BREAK						
01:00 to 05:00	Practical	PP-II/RTD	PP-II/RTD/SBS	PP-II/SBS	Journal club Presentation	Sports	Journal club Presentation

  
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Chincholi, Sinner, Nashik-422102.





## COURSE FILE CONTENT

Name of Teacher : Mrs. Tejashri Mangesh Mulay

Subject : BP104T Pharmaceutical Inorganic Chemistry

Class : First Year B. Pharm (1<sup>st</sup> Sem)

Sr. No.	Particulars
1	Vision / Mission / POs/ PSO/ PEOs
2	Academic Calendar ( University/ Institute / Department)
3	Individual & Course Time Table
4	Teaching Scheme & Evaluation guidelines
5	Syllabus with Course Outcomes
6	CO-PO /PSO mapping
7	Teaching Plan / Daily / Weekly Lesson plan
8	Subject notes
9	Academic Progress Report
10	Question Bank / Assignments/ Test Papers/ Tutorials / Solutions with Marking scheme
11	University Question papers with solutions
12	Remedial / Make up class Record
13	Records for academically week /fast learning students
14	Result Analysis (Bar Chart)
15	Students Feedback Records
16	CO-PO / PSO attainment of the course

Verified by:

Academic Incharge



Principal

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PRES's College of Pharmacy (For Women),  
Chincholi Sioner, Nashik-422102.

AISHE Code No. C-44115

Approved by AICTE, Pharmacy Council of India, New Delhi and recognized by Govt. of Maharashtra

Address: At/Po. Chincholi, Tal. Sioner, Dist. Nashik (M.S.) Pin-422102



## PRACTICAL COURSE FILE CONTENT

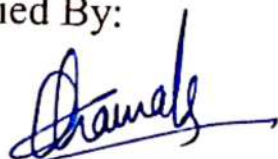
Name of Teacher : Mrs. Tejashri Mangesh Mulay

Subject : BP110P Pharmaceutical Inorganic Chemistry

Class : First Year B. Pharm (I<sup>st</sup> Sem)

Sr. No.	Particulars
1	Vision / Mission / POs/ PSOs/ PEOs
2	Academic Calendar ( University/ Institute / Department)
3	Individual & Course Time Table
4	Teaching Scheme & Evaluation guidelines
5	Syllabus with Course Outcomes
6	CO-PO /PSO mapping
7	Practical/Tutorial Plan
8	List of experiments/Tutorials
9	Continuous Assessment Sheet
10	Makeup Practical/Tutorial Record
11	Lab Manual
12	Term Work Record
13	CO-PO / PSO attainment of the course

Verified By:

  
Academic Incharge



  
Principal

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# LESSON PLAN

## SUB: PHARMACEUTICAL INORGANIC CHEMISTRY (THEORY)

Lecture No.	Planned Date	Description	Conducted Date	Time	References	Course Outcomes/Addressed	Program Outcomes
0		Induction Lecture					
1	5/1/2022	Introduction of Pharmaceutical Inorganic Chemistry	5/1/2022	9.00-10.00	Indian Pharmacopoeia	CO1	PO1
2	6/1/2022	Introduction of Impurities in pharmaceutical substances:	7/1/2022	11.00-12.00	Anand & Chatwal	CO1	PO1
3	7/1/2022	History of Pharmacopoeia	8/1/2022	3.00-4.00	Indian Pharmacopoeia	CO1	PO2
1T	10/1/2022	Pharmacopoeia Assignment	10/1/2022				
4	10/1/2022	Sources and types of impurities	10/1/2022	2.00-2.30	Anand & Chatwal	CO1	PO1
5	10/1/2022	Sources and types of impurities	10/1/2022	2.30-3.00	Anand & Chatwal	CO1	PO1
2T	11/1/2022	Acid-base-buffers Assignment	11/1/2022				
6	11/1/2022	principle involved in the limit test for Iron, Arsenic, Lead and Heavy metals	11/1/2022	9.00-9.30	Indian Pharmacopoeia	CO1	PO1
7	11/1/2022	principle involved in the limit test for modified limit test for Chloride and Sulphate	11/1/2022	9.00-9.30	Indian Pharmacopoeia	CO1	PO1
8	11/1/2022	principle involved in the limit test for Chloride, Sulphate	12/1/2022	9.30-10.00	Indian Pharmacopoeia	CO1	PO1
9	11/1/2022	Introduction of Acids, Bases and Buffers	12/1/2022	9.30-10.00	Anand & Chatwal	CO2	PO4
10	12/1/2022	Buffer equations and buffer capacity in general, buffers in pharmaceutical systems	12/1/2022	12.00-12.30	Anand & Chatwal	CO2	PO1
11	12/1/2022	Preparation, stability, buffered isotonic solutions, measurements of tonicity, calculations and methods of adjusting isotonicity.	12/1/2022	12.30-1.00	Anand & Chatwal	CO2	PO1
3T	13/1/2022	Major Extracellular and Intracellular Electrolytes	13/1/2022				

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Lecture No.	Planned Date	Description	Conducted Date	Time	References	Course Outcomes/Addressed	Program Outcomes
12	13/1/2022	<b>Major extra and intracellular electrolytes:</b> Functions of major physiological ions	13/1/2022	2.00-2.30	Anand & Chatwal	CO2	PO2
13	13/1/2022	Electrolytes used in the replacement therapy: Sodium chloride*, Potassium chloride, Calcium gluconate*	14/1/2022	2.30-3.00	Anand & Chatwal	CO1	PO2
14	14/1/2022	<b>Dental products:</b> Dentifrices, role of fluoride in the treatment of dental caries	17/1/2022	9.00-9.30	Anand & Chatwal	CO2	PO2
15	14/1/2022	Desensitizing agents, Calcium carbonate, Sodium fluoride, and Zinc eugenol cement.	17/1/2022	9.30-10.00	Anand & Chatwal	CO2	PO1
4T	17/1/2022	Dental Products	17/1/2022				
16	17/1/2022	Gastrointestinal agents	18/1/2022	11.00-11.30	Anand & Chatwal	CO2	PO2
17	17/1/2022	<b>Acidifiers:</b> Ammonium chloride* and Dil. HCl	18/1/2022	11.00-11.30	Anand & Chatwal	CO2	PO3
18	17/1/2022	<b>Antacid:</b> Ideal properties of antacids, combinations of antacids	18/1/2022	11.30-12.00	Anand & Chatwal	CO1	PO2
19	18/1/2022	<b>Antacid:</b> Sodium Bicarbonate*, Aluminum hydroxide gel, Magnesium hydroxide mixture	19/1/2022	2.00-2.30	Anand & Chatwal	CO2	PO2
20	18/1/2022	<b>Cathartics:</b> Magnesium sulphate, Sodium orthophosphate, Kaolin and Bentonite	19/1/2022	2.00-2.30	Anand & Chatwal	CO2	PO2
21	18/1/2022	<b>Antimicrobials:</b> Mechanism, classification, Potassium permanganate, Boric acid, Hydrogen peroxide*, Chlorinated lime*, Iodine and its preparations	19/1/2022	2.30-3.00	Anand & Chatwal	CO2	PO1
5T	19/1/2022	GI Agents	19/1/2022				
22	19/1/2022	<b>Antimicrobials:</b> Mechanism, classification,	19/1/2022	12.00-12.30	Anand & Chatwal	CO1	PO1

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Lecture No.	Planned Date	Description	Conducted Date	Time	References	Course Outcomes/Addressed	Program Outcomes
		Potassium permanganate, Boric acid, Hydrogen peroxide*, Chlorinated lime*, Iodine and its preparations					
23	19/1/2022	<b>Antimicrobials:</b> Mechanism, classification, Potassium permanganate, Boric acid, Hydrogen peroxide*, Chlorinated lime*, Iodine and its preparations	20/1/2022	12.30-1.00	Anand & Chatwal	CO2	PO2
24	20/1/2022	Miscellaneous compounds <b>Expectorants:</b> Potassium iodide, Ammonium chloride*.	20/1/2022	2.00-3.00	Anand & Chatwal	CO2	PO2
25	21/1/2022	Miscellaneous compounds <b>Expectorants:</b> Potassium iodide, Ammonium chloride*.	21/1/2022	9.00-10.00	Anand & Chatwal	CO2	PO2
26	22/1/2022	<b>Emetics:</b> Copper sulphate*	21/1/2022	11.00-12.00	Anand & Chatwal	CO1	PO2
27	24/1/2022	<b>Emetics:</b> Sodium potassium tartarate	22/1/2022	3.00-4.00	Anand & Chatwal	CO1	PO1
28	25/1/2022	<b>Haematinics:</b> Ferrous sulphate*	24/1/2022	9.00-9.30	Anand & Chatwal	CO2	PO2
29	25/1/2022	<b>Haematinics</b> Ferrous gluconate	25/1/2022	9.30-10.00	Anand & Chatwal	CO2	PO2
6T	26/1/2022	Expectorants	26/1/2022				
7T	26/1/2022	Emetics	26/1/2022				
30	27/1/2022	<b>Poison and Antidote:</b> Sodium thiosulphate*, Activated charcoal,	27/1/2022	2.00-3.00	Anand & Chatwal	CO2	PO2
8T	28/1/2022	Haematinics, Antidotes and Poison	28/1/2022				
31	28/1/2022	<b>Poison and Antidote:</b> Sodium nitrite333	29/1/2022	12.00-1.00	Anand & Chatwal	CO2	PO2

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Principals





Lecture No.	Planned Date	Description	Conducted Date	Time	References	Course Outcomes/Addressed	Program Outcomes
33	29/1/2022	Astringents: Zinc Sulphate, Potash Alum	1/2/2022	12.00-1.00	Anand & Chatwal	CO1	PO1
9T	31/1/2022	MCQs Acid base and Buffers	31/1/2022				
34	31/1/2022	Astringents: Zinc Sulphate, Potash Alum	2/2/2022	9.00-10.00	Anand & Chatwal	CO1	PO2
35	1/2/2022	Radiopharmaceuticals: Radio activity, Measurement of radioactivity, Properties of $\alpha$ , $\beta$ , $\gamma$ radiations	3/2/2022	11.00-12.00	Anand & Chatwal	CO1	PO2
9T	2/2/2022	Tutorial Unit 1	2/2/2022				
36	2/2/2022	Radiopharmaceuticals: Radio activity, Measurement of radioactivity, Properties of $\alpha$ , $\beta$ , $\gamma$ radiations	4/2/2022	3.00-4.00	P. Gundu Rao	CO1	PO1
10T	3/2/2022	Tutorial Unit 1	3/2/2022				
37	3/2/2022	Half-life, radio isotopes and study of radio isotopes - Sodium iodide I131, Storage conditions	8/2/2022	2.00-3.00	P. Gundu Rao	CO1	PO2
38	4/2/2022	Half-life, radio isotopes and study of radio isotopes - Sodium iodide I131, Storage conditions	11/2/2022	12.00-1.00	P. Gundu Rao	CO1	PO1
39	7/2/2022	Precautions & pharmaceutical application of radioactive substances.	12/2/2022	9.00-10.00	P. Gundu Rao	CO2	PO3
40	8/2/2022	Precautions & pharmaceutical application of radioactive substances.	14/2/2022	11.00-12.00	P. Gundu Rao	CO2	PO2

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Lecture No.	Planned Date	Description	Conducted Date	Time	References	Course Outcomes/Addressed	Program Outcomes
41	9/2/2022	Introduction of Impurities in pharmaceutical substances:	15/2/2022	3.00-4.00	P. Gundu Rao	CO2	PO2
42	10/2/2022	Introduction of Impurities in pharmaceutical substances:	23/2/2022	2.00-3.00	P. Gundu Rao	CO2	PO2
43	11/2/2022	History of Pharmacopoeia	24/2/2022	12.00-1.00	P. Gundu Rao	CO3	PO3
44	12/2/2022	Waters	25/2/2022	12.00-1.00	P. Gundu Rao	CO3	PO2
45	14/2/2022	Type of waters	26/2/2022	9.00-10.00	P. Gundu Rao	CO3	PO1
12T	21/2/2022	Tutorial Unit 3,4	21/2/2022				
13T	22/2/2022	Assignments Astringents	22/2/2022				
14T	23/2/2022	Assignment Radiopharmaceuticals	23/2/2022				
15T	24/2/2022	Class test whole syllabus	24/2/2022				

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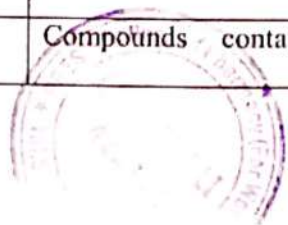
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 Chinari, Nashik, 2021-22

# LESSON PLAN

## SUB: PHARMACEUTICAL ORGANIC CHEMISTRY (THEORY)

Lect. No.	Planned Date	Conducted Date	Topics / Sub- Topics	Course Outcome/s Addressed	Program Outcomes	BL Level	Reference (Text Book, Website)
0			Induction Lecture				1.Organic Chemistry by Morrison and Boyd 2. Textbook of Organic Chemistry by B.S. Bahl & Arun Bah
1	30/3/2022	30/3/2022	<b>Basic Principles of Organic Chemistry</b> Hybridization of atomic orbitals of carbon, nitrogen and oxygen to form molecular orbitals.	CO1	PO1	1	
2	31/3/2022	31/3/2022	Types of bonds, bond fission, intermolecular forces,	CO1	PO1	1	
3	1/4/2022	1/4/2022	inductive effect, steric effect, electromeric, mesomeric effect and resonance,	CO1	PO1	1	
1T	8/4/2022	8/4/2022	Class test Unit 1				
4	1/4/2022	1/4/2022	hyperconjugation, concept of tautomerism	CO1	PO1	1	
5	6/4/2022	6/4/2022	Compounds containing carbon and hydrogen atoms only : hydrocarbons (alkanes, alkenes alkynes, aromatic hydrocarbons, polynuclear aromatic hydrocarbons, aryl-alkyl hydrocarbons, alicyclic hydrocarbons)	CO1	PO1	3	
6	7/4/2022	7/4/2022	Compounds containing carbon, hydrogen and oxygen atoms only (alcohols, phenols, ethers and epoxides, carbonyl compounds, carboxylic acids, esters, anhydrides)	CO1	PO1	3	
2T	22/4/2022	22/4/2022	Unit 2 IUPAC and structural isomerism				
7	13/6/2022	3/6/2022	Compounds containing carbon, hydrogen and nitrogen atoms only (amines and imine, nitriles, hydrazines, nitro compounds)	CO1	PO1	3	
8	14/6/2022	3/6/2022	Compounds containing carbon, hydrogen, and halogens with oxygen (alkyl halides, aryl halides, acyl halides)	CO1	POI	3	
9	15/6/2022	3/6/2022	Compounds containing carbon, hydrogen, oxygen and nitrogen atoms only (amides , imides, aldoxime and ketoxime)	CO1	POI	3	
3T	6/5/2022	6/5/2022	Tutorial Alkenes				
10	15/6/2022	3/6/2022	Compounds containing carbon,	CO1	POI	3	

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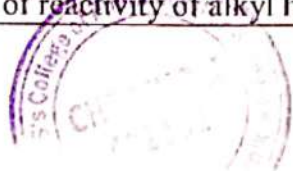
  
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Lect. No.	Planned Date	Conducted Date	Topics / Sub- Topics	Course Outcome/s Addressed	Program Outcomes	BL Level	Reference (Text Book, Website)
			hydrogen and sulphur with/without nitrogen, oxygen and halogen. Sulphonic acids, sulphonylhalides.				
11	7/4/2022	7/4/2022	IUPAC nomenclature of all classes of compounds: nomenclature of monosubstituted and poly-substituted compounds	CO1	POI	3	
12	7/4/2022	7/4/2022	Structural isomerism in organic compounds	CO1	POI	2	
4T	11/5/2022	11/5/2022	Assignment Classification of Organic Compounds				
13	20/4/2022	20/4/2022	Halogenation of alkanes, uses of paraffins.	CO1	POI	1	
14	4/5/2022	4/5/2022	Stabilities of alkenes	CO1	PO1	2	
15	12/5/2022	12/5/2022	E1- kinetics, order of reactivity of alkyl halides, rearrangement of carbocations, Saytzeff's orientation, and evidences.	CO2	PO1	2	
5T	13/5/2022	13/5/2022	Continuous Assessment 1 Cass test				
16	4/5/2022	4/5/2022	E2 reactions – kinetics, order of reactivity of alkyl halides, rearrangement of carbocations, Saytzeff's orientation, Hofmann orientation and evidences.	CO2	PO1	2	
17	10/5/2022	10/5/2022	Factors affecting E1 and E2 reactions.	CO2	PO1	2	
18	5/5/2022	5/5/2022	Ozonolysis, electrophilic addition reactions of alkenes, Markownikoff's orientation, free radical addition reactions of alkenes, Anti Markownikoff's orientation	CO2	POI	2	
6T	18/5/2022	18/5/2022	Continuous Assessment 2 Assignment				
19	6/5/2022	26/5/2022	Stability of conjugated dienes, Diel-Alder, electrophilic addition,	CO2	POI	2	
20	7/5/2022	27/5/2022	free radical addition reactions of conjugated dienes	CO2	POI	2	
21	8/5/2022	27/5/2022	allylic orientation and evidences	CO2	POI	2	
7T	26/5/2022	26/5/2022	Class tet Carbonyl compounds				
22	9/5/2022	9/5/2022	<b>UNIT 03</b> SN1 reactions - kinetics, order of reactivity of alkyl halides,	CO2	POI	2	
23	9/5/2022	9/5/2022	Stereochemistry and rearrangement of carbocations.	CO2	POI	2	
24	6/5/2022	6/5/2022	SN2 reactions - kinetics, order of reactivity of alkyl halides,	CO2	POI	2	

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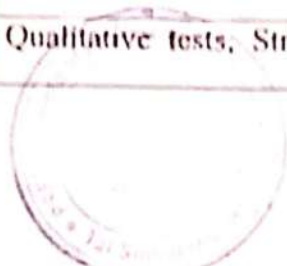


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Lect. No.	Planned Date	Conducted Date	Topics / Sub-Topics	Course Outcome/s Addressed	Program Outcomes	Bl. Level	Reference (Text Book, Website)
8T	27/5/2022	27/5/2022	Dienes and Alkyl halides				
25	6/5/2022	6/5/2022	Stereochemistry and rearrangement of carbocations.	CO2	POI	2	
26	9/5/2022	9/5/2022	SN1 versus SN2 reactions, Factors affecting SN1 and SN2 reactions	CO2	POI	2	
27	9/5/2022	1/5/2022	Structure and uses of ethylchloride, Chloroform, trichloroethylene, tetrachloroethylene, dichloromethane, tetrachloromethane and iodoform.	CO2	POI	2	
9T	1/6/2022	1/6/2022	Assignment Alcohols				
28	9/5/2022	1/5/2022	Alcohols- Qualitative tests,	CO4	POI	1	
29	13/5/2022	2/6/2022	Structure and uses of Ethyl alcohol, Glycerol, Propylene glycol Methyl alcohol, chlorobutanol, Cetosteryl alcohol, Benzyl alcohol	CO4	POI	1	
30	13/5/2022	2/6/2022	Preparation and reaction of alkyl halide and alcohol	CO5	PO5	1	
10T	2/6/2022	2/6/2022	Classification of Alkenes and Alkynes				
31	13/5/2022	13/5/2022	<b>UNIT-4</b> Carbonyl compounds (Aldehydes and ketones) Nucleophilic addition, Aldol condensation	CO2	POI	2	
32	18/5/2022	18/5/2022	Crossed Aldol condensation	CO2	POI	2	
33	23/5/2022	23/5/2022	Cannizzaro reaction	CO2	POI	2	
11T	5/6/2022	5/6/2022	Classification of Alkynes				
34	23/5/2022	23/5/2022	Crossed Cannizzaro reaction	CO2	POI	2	
35	24/5/2022	24/5/2022	Benzoin condensation	CO2	POI	2	
36	24/5/2022	24/5/2022	Perkin condensation	CO2	POI	2	
12T	11/6/2022	11/6/2022	Classification of Alcohol, Carbonyl compounds				
37	25/5/2022	10/6/2022	Qualitative tests, Structure and	CO4	POI	1	

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Lect. No.	Planned Date	Conducted Date	Topics / Sub- Topics	Course Outcome/s Addressed	Program Outcomes	BL Level	Reference (Text Book, Website)
			uses of Formaldehyde, Paraldehyde, Acetone, Chloral hydrate, Hexamine, Benzaldehyde, Vanilin, Cinnamaldehyde.				
38	26/5/2022	10/6/2022	Preparation and reaction of carbonyl compounds	CO5	POI	1	
39	1/5/2022	11/5/2022	<b>UNIT 5</b> Carboxylic acids Acidity of carboxylic acids, effect of substituents on acidity	CO3	POI	2	
13T	12/6/2022	12/6/2022	Classification of Alkyl halide, Amides				
40	2/5/2022	11/5/2022	qualitative tests for carboxylic acids ,amide and ester	CO4	POI	1	
41	3/5/2022	13/5/2022	Structure and Uses of Acetic acid, Lactic acid, Tartaric acid, Citric acid, Succinic acid. Oxalic acid, Salicylic acid, Benzoic acid, Benzyl benzoate, Dimethyl phthalate, Methyl salicylate and Acetyl salicylic acid	CO5	POI	1	
42	10/6/2022	13/6/2022	Aliphatic amines - Basicity, effect of substituent on Basicity.	CO3	POI	2	
14T	12/6/2022	12/6/2022	Classification of Sulphonic acid assignment				
43	10/6/2022	14/6/2022	Qualitative test, Structure and uses of Ethanolamine, Ethylenediamine, Amphetamine	CO4	POI	1	
44	11/6/2022	15/6/2022	Preparation and reaction of carboxylic acid	CO5	PO5	1	
45	12/6/2022	15/6/2022	Preparation and reaction of amines	CO5	PO5	1	
15T	18/6/2022	18/6/2022	Chemical Reactions Assignment on full syllabus				

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PRACTICAL PLAN

**SUB: PHARMACEUTICAL INORGANIC CHEMISTRY (PRACTICAL)**

Expt. No.	Batch	Planned Date	Conducted Date	Title of Experiment	Course Outcome/s Addressed	Program Outcomes	BL Level
1	A	7/2/2022	8/2/2022	Safety measures in laboratory	CO1	PO1	1,2
	B	8/2/2022	9/2/2022				
	C	9/2/2022	10/2/2022				
2	A	7/2/2022	8/2/2022	To prepare and submit Ferrous Sulphate as per I.P	CO3	PO2	3
	B	8/2/2022	9/2/2022				
	C	9/2/2022	10/2/2022				
3	A	7/2/2022	8/2/2022	To carry out the identification tests of Ferrous Sulphate as per I.P	CO2	PO3	3
	B	8/2/2022	9/2/2022				
	C	9/2/2022	10/2/2022				
4	A	7/2/2022	8/2/2022	To perform the Identification tests of Copper Sulphate as per I.P.	CO2	PO3	3
	B	8/2/2022	9/2/2022				
	C	9/2/2022	10/2/2022				
5	A	7/2/2022	8/2/2022	To carry out the identification tests of Sodium Bicarbonate as per I.P.	CO2	PO3	3
	B	8/2/2022	9/2/2022				
	C	9/2/2022	10/2/2022				
6	A	11/2/2022	14/2/2022	To Perform the limit test for Sulphates in the given sample.	CO1	PO4	2,3
	B	14/2/2022	15/2/2022				
	C	15/2/2022	21/2/2022				
7	A	11/2/2022	14/2/2022	To Perform the limit test for Chlorides in the given sample.	CO1	PO4	2,3
	B	14/2/2022	15/2/2022				
	C	15/2/2022	21/2/2022				
8	A	11/2/2022	14/2/2022	To Perform the limit test for Heavy Metals in the given sample as per I.P.	CO1	PO4	2,3
	B	14/2/2022	15/2/2022				
	C	15/2/2022	21/2/2022				
9	A	11/2/2022	14/2/2022	To Perform the limit test for Iron in the given sample as per I.P.	CO1	PO4	2,3
	B	14/2/2022	15/2/2022				
	C	15/2/2022	21/2/2022				
10	A	11/2/2022	14/2/2022	To Perform the limit test for Arsenic in the given sample as per I.P.	CO1	PO4	2,3
	B	14/2/2022	15/2/2022				
	C	15/2/2022	21/2/2022				
11	A	17/2/2022	22/2/2022	To carry out the identification tests of Magnesium Hydroxide as per I.P.	CO2	PO2	3
	B	18/2/2022	23/2/2022				
	C	21/2/2022	24/2/2022				
12	A	17/2/2022	22/2/2022	To Prepare and submit Aluminium Hydroxide Gel.	CO3	PO2	3
	B	18/2/2022	23/2/2022				
	C	21/2/2022	24/2/2022				
13	A	17/2/2022	22/2/2022	To Prepare and submit Boric	CO3	PO2	3

  
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Expt. No.	Batch	Planned Date	Conducted Date	Title of Experiment	Course Outcome/s Addressed	Program Outcomes	BL Level
	B	18/2/2022	23/2/2022	Acid.			
	C	21/2/2022	24/2/2022				
14	A	17/2/2022	22/2/2022	To study the swelling power of Bentonite Clay.	CO3	PO2	3
	B	18/2/2022	23/2/2022				
	C	21/2/2022	24/2/2022				
15	A	17/2/2022	22/2/2022	To Prepare and submit Potash Alum	CO3	PO2	3
	B	18/2/2022	23/2/2022				
	C	21/2/2022	24/2/2022				

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# PRACTICAL PLAN

## SUB: PHARMACEUTICAL ORGANIC CHEMISTRY I (PRACTICAL)

Expt. No.	Batch	Planned Date	Conducted Date	Title of Experiment	Course Outcome/s Addressed	Program Outcomes	BL Level
1	A	21/3/2022	28/3/2022	To identify unknown compound by organic qualitative analysis (Benzoic acid).	CO2	PO6	4
	B	22/3/2022	29/3/2022				
	C	23/3/2022	30/3/2022				
2	A	21/3/2022	28/3/2022	To identify unknown compound by organic qualitative analysis (Cinnamic acid).	CO2	PO6	4
	B	22/3/2022	29/3/2022				
	C	23/3/2022	30/3/2022				
3	A	24/3/2022	31/3/2022	To identify unknown compound by organic qualitative analysis (Phthalic acid)	CO2	PO6	4
	B	1/4/2022	5/4/2022				
	C	2/4/2022	6/4/2022				
4	A	24/3/2022	31/3/2022	To identify unknown compound by organic qualitative analysis (Salicylic acid).	CO2	PO6	4
	B	1/4/2022	5/4/2022				
	C	2/4/2022	6/4/2022				
5	A	7/4/2022	4/4/2022	To identify unknown compound by organic qualitative analysis (Alpha Naphthol).	CO2	PO6	4
	B	8/4/2022	8/4/2022				
	C	9/4/2022	9/4/2022				
6	A	7/4/2022	4/4/2022	To identify unknown compound by organic qualitative analysis (Beta Naphthol).	CO2	PO6	4
	B	8/4/2022	8/4/2022				
	C	9/4/2022	9/4/2022				
7	A	11/4/2022	7/4/2022	To identify unknown compound by organic qualitative analysis (2-Nitro aniline).	CO2	PO6	4
	B	12/4/2022	12/4/2022				
	C	13/4/2022	13/4/2022				
8	A	11/4/2022	7/4/2022	To identify unknown compound by organic qualitative analysis (Resorcinol).	CO2	PO6	4
	B	12/4/2022	12/4/2022				
	C	13/4/2022	13/4/2022				
9	A	18/4/2022	11/4/2022	To identify unknown compound by organic qualitative analysis (Urea).	CO2	PO6	4
	B	2/5/2022	12/4/2022				
	C	5/5/2022	13/4/2022				
10	A	18/4/2022	18/4/2022	To identify unknown compound by organic qualitative analysis (Phthalic anhydride).	CO2	PO6	4
	B	2/5/2022	19/4/2022				
	C	5/5/2022	20/4/2022				
11	A	18/4/2022	18/4/2022	To identify unknown compound by organic qualitative analysis (Urea Oxalate).	CO2	PO6	4
	B	2/5/2022	19/4/2022				
	C	5/5/2022	20/4/2022				
12	A	6/5/2022	4/5/2022	Synthesis of Phthalic acid	CO3	PO8	6

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Expt. No.	Batch	Planned Date	Conducted Date	Title of Experiment	Course Outcome/s Addressed	Program Outcomes	BL Level
	B	9/5/2022	5/5/2022				
	C	10/5/2022	6/5/2022				
13	A	6/5/2022	4/5/2022	Synthesis of Benzene	CO3	PO8	6
	B	9/5/2022	5/5/2022				
	C	10/5/2022	6/5/2022				
14	A	6/5/2022	4/5/2022	Synthesis of 2-Napthyl benzoate	CO3	PO8	6
	B	9/5/2022	5/5/2022				
	C	10/5/2022	6/5/2022				
15	A	6/5/2022	9/5/2022	Molecular Modeling	CO3	PO2	2
	B	9/5/2022	10/5/2022				
	C	10/5/2022	11/5/2022				

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PRAVARA RURAL EDUCATION SOCIETY'S  
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NASHIK

## ACADEMIC PROGRESS REPORT 2021-22

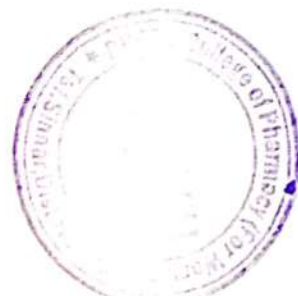
Subject Name: Pharmaceutical Inorganic Chemistry

Class: F. Y. B. Pharmacy

Subject Code: BP104T, BP110P

Semester: I

Sr. No.	Name of the Staff	Month	No. of Theory Conducted	% Completion of Syllabus	No. of Practicals Conducted	% Completion of Syllabus	Signature of Staff	Signature of Academic Incharge
1	Mrs. Tejashri Mulay	January	31	70	-	-	T.M. Mulay	A. K. Khandale
2		February	45	100	15	100	T.M. Mulay	
3		March	-	100	-	-	T.M. Mulay	



*A. K. Khandale*

Signature of Principal

PRINCIPAL

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## ACADEMIC PROGRESS REPORT 2021-22

Subject Name: Pharmaceutical Organic Chemistry I

Class: F. Y. B. Pharmacy

Subject Code: BP202T, BP208P

Semester: I

Sr. No.	Name of the Staff	Month	No. of Theory Conducted	% Completion of Syllabus	No. of Practicals Conducted	% Completion of Syllabus	Signature of Staff	Signature of Academic Incharge
1	Mrs. Tejashri Mulay	March	2	5	3	20	T.M. Mulay	
2		April	9	26	11	75	T.M. Mulay	
3		May	26	60	15	100	T.M. Mulay	
5		June	45	100	-	-	T.M. Mulay	



Signature of Principal

PRINCIPAL

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