



PRAVARA RURAL EDUCATION SOCIETY'S
PRAVARA RURAL COLLEGE
OF PHARMACY
LONI

INDEX

Criteria No. : 6 - Governance, Leadership and Management Key
Key Indicator : 6.5 Internal Quality Assurance System
Metric No. : 6.5.2 (QIM)
File Name : The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

(Academic Year 2022-2023)

Sr. No	Content
1	IQAC set up as per norms and recorded the incremental improvement in various activities.
2	Academic Review process
3.	Activity Calendar of last years.
4.	Academic book format.



Principal
Pravara Rural College of Pharmacy
Pravaranagar, A/p.Loni-413 736



PRAVARA RURAL EDUCATION SOCIETY
PRAVARA RURAL COLLEGE
OF PHARMACY
LONI

INTERNAL QUALITY ASSURANCE CELL

Sr. No	Name	IQAC Designation	Designation
1.	Dr. Sanjay.B.Bhawar	Chairperson	Principal
2.	Shri.Bharat V Ghogare	Member from trust	Joint secretary, PRES
3.	Dr. Bhaskarrao N.Kharde	Member from trust	Director,PRES
4.	Dr. Rahul Kunkulol	Nominee from Local society	Professor & HOD of Pharmacology Rural medical college, Loni
5.	Mr. Prashant Gagare	Nominee from industry	MD,Virtue Pharma, Shirampur
6.	Dr.Rasika Bhalake	Nominee from Alumni	Associate professor, sanjavni college of pharmaceutical education and research,Kopargaon
7.	Mr. Kartik Nehe	Nominee from Student	Third Year B.pharm
8.	Dr.Vasant V Vikhe	Nominee from stakeholder	Parent Representative
9.	Dr.Suhas S Siddheshwar	Member of Teacher	Professor and HOD Department of pharmaceutics
10.	Mrs. Hemlata. S .Bhawar	Member of Teacher	HOD, Department of pharmaceutical chemistry
11.	Mrs. Sunaina R. Vikhe	Member of Teacher	HOD, Department of Pharmacognosy
12.	Dr. Rahul K Godge	Member of Teacher	HOD, Department of Quality assurance
13.	Dr. Santosh Dighe	Co-Ordinator	HOD, Department of Pharmacology
14.	Mr. Rajendra Tambe	Administrative member	Establishment Section




Dr. Sanjay Bhawar

Principal and Member of secretary
Principal
Pravara Rural College of Pharmacy
Pravaranaagar, Tel. Rahala, Dist Ahmednagar



PRAVARA RURAL EDUCATION SOCIETY'S
PRAVARA RURAL COLLEGE
OF PHARMACY
LONI

Date: 02 July 2022

The IQAC Meeting as per the agenda mentioned herewith is scheduled on 08 July 2022, at 11.00 am in Board Room, PRCOP College.

All are requested to attend the same without fail.

Agenda for the meeting:

Agenda no.	Particulars
1.	To read and approve minutes of the last meeting and action taken report
2.	To consider and approve academic feedback with action taken report for Even semester, AY 2021-22
3.	To consider and approve report on student training and placement activities.
4.	To review result analysis of examination.
5.	To consider the report of research, attended seminar/ webinar/conference/ training programme / workshop / value added courses of staff.
6.	To review of academic performance and R & D activity.
7.	To review on requirement of infrastructure, chemical and equipment in view of enhancement of courses.
8.	To review on alumni activity in year 2021-22
9.	To review on website update
10.	Any other matter with the permission of chair




Dr. Sanjay Bhawar

Principal and Member of secretary
Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar



PRAVARA RURAL EDUCATION SOCIETY'S
PRAVARA RURAL COLLEGE
OF PHARMACY
LONI

MINUTES INTERNAL QUALITY ASSURANCE CELL (IQAC)

Meeting: 2022-2023/ 09

Date: 08 July 2022

Time: 11.00 am

Venue : Board Room, Pravara Rural College of Pharmacy, Loni.

SCHEDULE OF THE MEETING

Sr.No	Time	Particular	Venue
1.	11.00 am onwards	Arrival of IQAC member and special invitee	Board Room,PRCOP
2.	11.00-11.05 am	Welcome of IQAC Members by the principal	Board Room, PRCOP, Loni
3.	11.05-11.10 am	Proposing agenda of the meeting for discussion	
4.	11.10-12.00 pm	Presentation on agenda of the meeting	
5.	12.00-12.05pm	Vote of thanks	
6.		National anthem	
7.	12.05-12.10 pm	High tea	




Dr. Sanjay Bhawar

Principal and Member of secretary
Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar

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Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar

Dr. Sanjay Bhawar welcomed all the members and read the agenda of the meeting. Agenda was taken up for discussion-

Agenda No. 1. To read and approve minutes of the last meeting and action taken report	Presenter:- Dr.Sanjay Bhawar
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Dr. Sanjay Bhawar briefed the members on last MOM which have been sent to the members. Dr Santosh B Dighe presented action taken report of last IQAC

Action Taken Report of last IQAC meet

Sr	Decisions	Action taken	Compliance & remark
1.	To read and approve minute of the last meeting and action taken report	Last MOM was discuss and approved.	Complied
2.	To prepare activity and academic calendar for Academic Year 2021-22 well in advance and display on institute website	Activity and academic calendar for AY 21-22 is finalized and available on institute website (Agenda No 2)	Complied
3.	To consider and approve academic feedback with odd sem	The academic feedback was taken and approved by committee	Complied
4.	To consider and approve report on student training and placement activity	TPO gave presentation on student training and placement activity.	Complied
5.	To review result analysis of may June 2021 examination & CO PO Attainment	Exam department presented result analysis	Complied
6.	To consider the report of research attended seminar/ webinar conference and value added courses for staff	Research Head given presentation	Complied
7.	To review status of NAAC AQAR	NAAC coordinator given presentation	Complied
8.	To take review of B. Pharm increase in intake from 60 to 100	Admission Incharge given presentation	Complied
9.	To review the new course of PG and Pharma D & Diploma	Principal Dr. Sanjay Bhawar given information	Complied
10.	To review on requirement of infrastructure & chemical equipment in view of enhancement of courses	Principal Dr. Sanjay Bhawar given information	Complied

Conclusion/ Suggestion:- The report of last IQAC for the A.Y 2021-2022 is accepted and approved by IQAC& CDC.

Agenda No. 2. To consider and approve academic feedback with action taken report for Even semester, AY 2021-22	Presenter:- Mrs. Sunaina R. Vikhe
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Dr. Sunaina R. Vikhe briefed the members that

- i) Dr. Sunaina R. Vikhe presented feedback on curriculum and action taken report before committee members

- Reference Documents:
- a. Report on Feedback collected on curriculum from stakeholders
 - b. Feedback Analysis Report
 - c. Action taken report
 - d. Brief statement of recommendations sent to SPPU and PCI

- ii) Feedback on curriculum was collected from students, teachers, alumni, professionals and employers through online google form link as per the policy on feedback.
- iii) The feedback report is analyzed thoroughly and critically by academic monitoring committee to draw recommendations to be made for curriculum revision.
- iv) The feedback and suggestion report is submitted to BOS and academic section of SPPU.

Conclusion/ Suggestion:- The feedback on curriculum and action taken report is accepted and approved by the IQAC members..

Agenda No. 3. To consider and approve report on student training and placement activities.	Presenter:- Dr. S. D. Manakar
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Dr. S. D. Manakar briefed the report on student training and placement activities.

Placement data (2021-22)

Sr. No	Department	Name of student	Name of company and Address	Designation	Job Location	Salary (LPA)
1	B.Pharmacy	Mr. Abhay Wani	Glenmark, Aurangabad	Production Executive	Aurangabad	1.44 LPA
2	B.Pharmacy	Mr. Pankaj Satpute	Glenmark, Aurangabad	Production Executive	Aurangabad	1.44 LPA
3	B.Pharmacy	Miss. Madhuri Kawade	Glenmark, Aurangabad	Production Executive	Aurangabad	1.44 LPA
4	B.Pharmacy	Mr. Rushikesh Daud	Glenmark, Aurangabad	Production Executive	Aurangabad	1.44 LPA
5	B.Pharmacy	Mr. Avishklar Tonde	Glenmark, Aurangabad	Production Executive	Aurangabad	1.44 LPA
6	B.Pharmacy	Mr. Ashish Londhe	Glenmark, Aurangabad	Production Executive	Aurangabad	1.44 LPA
7	B.Pharmacy	Ms. Harshada Jadhav	Cognizant Pvt.Ltd.	Jr. Data Analyst	Mumbai	2.49 LPA
8	B.Pharmacy	Ms. Kshitija Antre	Cognizant Pvt.Ltd.	Jr. Data Analyst	Mumbai	2.49 LPA
9	B.Pharmacy	Ms. Vaishnavi Varahde	Cognizant Pvt.Ltd.	Jr. Data Analyst	Mumbai	2.49 LPA
10	B.Pharmacy	Ms. Sahara Unde	Cognizant Pvt.Ltd.	Jr. Data Analyst	Mumbai	2.49 LPA
11	B.Pharmacy	Ms. Sonali Aghav	Cognizant Pvt.Ltd.	Jr. Data Analyst	Mumbai	2.49 LPA
12	M.Pharmacy	Ms. Harsha Jumde	Cognizant Pvt.Ltd.	Jr. Data Analyst	Mumbai	2.49 LPA
13	M.Pharmacy	Ms. Chaitali Kolhe	Cognizant Pvt.Ltd.	Jr. Data Analyst	Mumbai	2.49 LPA
14	M.Pharmacy	Mr. Akshay Mule	Cognizant Pvt.Ltd.	Jr. Data Analyst	Mumbai	2.49 LPA

15	M.Pharmacy	Ms.Nikita Thorat	Cognizant Pvt.Ltd.	Jr. Data Analyst	Mumbai	2.49 LPA
16	M.Pharmacy	Ms.Vidahee Biradar	Kamal Nayan Bajaj	Trainee-Clinical Research	Aurangabad	2.16 LPA
17	M.Pharmacy	Ms.Yogeshwar Ghule	Kishori College of Pharmacy	Lecturer	Beed	2.4 LPA
18	M.Pharmacy	Mr. Dhone Suresh	Sandoz Pvt.Ltd	Production Executive	Thane	3.6 LPA
19	M.Pharmacy	Mr.Kote Shivam	D D Reg Pharma	Trainee-Regulatory Affairs	Gurgaon	2.4 LPA
20	M.Pharmacy	Mr. Pruthviraj Chavan	Sun Pharma	Executive QA	Gurgaon	3.5 LPA
21	M.Pharmacy	Ms. Shweta Ubale	Sojar College of Pharmacy, Barshi	Assistant Professor	Barshi	2.4 LPA
22	M.Pharmacy	Ms.Akshada Wakechaure	R J S College of Pharmacy, Kokamthan	Assistant Professor	Kokamthan	2.4 LPA
23	B.Pharmacy	Mr Akash Borde	Cognizant Pvt.Ltd.	Jr. Data Analyst	Pune	2.49 LPA
24	B.Pharmacy	Mr. Ved Risbud	NuSecond Technologies	Drug Safety Associate-I.	Banglore	3.65 LPA
25	B.Pharmacy	Ms.Sonal Kharde	Episource	Jr. Coder	Pune	2.11 LPA
26	B.Pharmacy	Ms.Prajakta Jejurkar	Episource	Jr. Coder	Pune	2.11 LPA
27	B.Pharmacy	Ms. Vaishnavi Ralebhat	Episource	Jr. Coder	Pune	2.11 LPA
28	M.Pharmacy	Ms. Sonali Tambe	Episource	Jr. Coder	Mumbai	2.11 LPA
29	M.Pharmacy	Ms. Prajwali Bhalerao	Naikwadi College of Pharmacy	Assistant Professor	Nashik	1.8 LPA

TRAINING AND WORKSHOP

Sr. No.	Activities / Event Name	Date /Day	Name of company with Address	Name of experts	Stack holder (student participate) Branch, Year,	No of Students Participated	Outcome of Event
1	"Career and Clinical Trials Data Analytics"	17.01.2022	Kite-Ai, Pune	Ms. Gayatri Shardul	S.Y, T.Y ,Final Year.B.Pharm & M.Pharm	UG-180 PG-20	Students understand the advanced techniques of Clinical Research.
2	"GPAT & NIPER preparation 2022"	25.01.2022	Academy of NIPER Aspirants	Dr. Machhindra Bochare	S.Y, T.Y ,Final Year.B.Pharm	UG-230	Students learn about how to prepare for GPAT & NIPER 2022.

3	Aspects of IPR from pharmaceutical Perspective	30.01.2022	Abbot India Pvt. Ltd.	Mr. Swapnil Ghorpade	S.Y.T.Y.& Final Year B.Pharm, M.Pharm	UG & PG-100	Students learn about the various aspects of IPR as per pharmaceutical perspective.
4	Education opportunities abroad after Pharmacy	31.01.2022	Akshay Study Abroad consultant	Mr. Amit Gore	S.Y.T.Y.& Final Year B.Pharm, M.Pharm	UG -256 PG-31	Students understand various exams regarding study at abroad.
5	"Career opportunities in pharmacy"	06.02.2022	Troikaa Pharmaceuticals, Ahmedabad	Mr. Pramod Lahare	S.Y.T.Y.& Final Year B.Pharm, M.Pharm	UG & PG-100	Student should get idea about different career opportunities in pharmacy.
6	Recent advances in Pharmacovigilance and Medical Coding	08.03.2022	Elite Institute of Pharmacy Skills, Pune	Mrs. Archana Gawade	Third & Final Year B.Pharm	UG-110	Students understood the basic concepts of pharmacovigilance and medical coding.
7	Tricks to solve GPAT paper	25.03.2022	SRTM, Nanded University	Mr. Shivprasad Tengale	Final Year B.Pharm	UG-40	Students learn about how to prepare for GPAT & NIPER 2022.
8	Seminar on "Preparation of Competitive Exam MPSC/UPSC"	27.04.2022	The Infinity Academy, Nashik	Mr. Sagar Hange	Third & Final Year B.Pharm	UG -100	Students learn about how to prepare for Competitive Examination.
9	Expert talk on "Placement Campaign"	11.05.2022	Avodha Edutech Pvt.Ltd	Mr. Nikhil Nagvanshi	S.Y.T.Y.& Final Year B.Pharm, M.Pharm	UG & PG-86	Students learn basic things for how to attend interview.

Summary of Students In plant training 2021-22

Roll No	Name of the student	Name of the company
1.	Aghav Sonali Popat	Shodh Advantech Aurangabad
2.	Antre Kshitija Gokul	Shodh Advantech Aurangabad
3.	Barhate Shruti Pralhad	Shodh Advantech Aurangabad
4.	Bhange Omkar Dilip	Sun Pharmaceuticals, Ahmednagar
5.	Bharskar Ganesh Rajaram	Glenmark Pharmaceuticals
6.	Borde Akash Sanjay	NuLife Pharmaceuticals
7.	Borude Gauri Balasaheb	Shodh Advantech Aurangabad
8.	Chavan Saurav Rajendra	Concept Pharmaceuticals
9.	Daud Rushikesh Sanjayrao	Glenmark Pharmaceuticals
10.	Dighe Rutuja Chandrabhan	Not Done

11.	Gaikar Sahil Anil	Nul.ife Pharmaceuticals
12.	Gaikwad Gaurav Gokul	Not Done
13.	Gholap Samiksha Anil	Shodh Advantech Aurangabad
14.	Giri Prasad Sanjay	Concept Pharmaceuticals
15.	Handal Suvarna Bajirao	Not Done
16.	Jadhav Harshada Dipak	Shodh Advantech Aurangabad
17.	Jahagirdar Shubham Narendra	Wockhardt Ltd.
18.	Jaitade Pavan Shankar	Shodh Advantech Aurangabad
19.	Jejurkar Prajakta Ravindra	Shodh Advantech Aurangabad
20.	Kale Vishal Ashok	Fail
21.	Kalwaghe Shruti Ashok	Shodh Advantech Aurangabad
22.	Karande Suyog Suresh	Nul.ife Pharmaceuticals
23.	Karwa Sejal Manoj	Shodh Advantech Aurangabad
24.	Kawade Madhuri Suresh	Shodh Advantech Aurangabad
25.	Kharat Priyanka Sanchit	Shodh Advantech Aurangabad
26.	Kharde Sonal Sanjay	Shodh Advantech Aurangabad
27.	Khedkar Harshada Jagdish	Shodh Advantech Aurangabad
28.	Kotkar Abhishek Tulshidas	Holden Medical Laboratory
29.	Kotkar Gayatri Vijay	Shodh Advantech Aurangabad
30.	Kulsange Payal Suresh	Shodh Advantech Aurangabad
31.	Kumbhar Prasad Jaywant	Shodh Advantech Aurangabad
32.	Kute Nikhil Shivaji	NuLife Pharmaceuticals
33.	Londhe Ashish Kaduba	NuLife Pharmaceuticals
34.	Mahale Gayatri Shivdas	Shodh Advantech Aurangabad
35.	Mane Ankita Prakash	Shodh Advantech Aurangabad
36.	Mane Rushikesh Tarachand	Shodh Advantech Aurangabad
37.	Nale Sakshi Murlidhar	Shodh Advantech Aurangabad
38.	Paradhi Amol Vishnu	Concept Pharmaceuticals
39.	Pardeshi Shweta Rajesh	Shodh Advantech Aurangabad
40.	Parjane Shraddha Ranjan	Shodh Advantech Aurangabad
41.	Patel Aisha Yunus	Shodh Advantech Aurangabad
42.	Patil Pooja Mohan	Nutralytica Resesearch Pvt. Ltd.
43.	Ralebhat Vaishnavi Popat	Seveillar Clinical Supplies Service
44.	Randive Rohan Balkrishna	Shodh Advantech Aurangabad
45.	Risbud Ved Shriram	Sun Pharmaceuticals, Ahmednagar
46.	Sadaphal Prajakta Balasaheb	Nutralytica Resesearch Pvt. Ltd.
47.	Sadaphal Priya Ashok	Nutralytica Resesearch Pvt. Ltd.
48.	Sadaphal Priyanka Anil	Seveillar Clinical Supplies Service
49.	Salunkhe Dhanashree Ramrao	Encore Healthcare Pvt. Ltd.
50.	Satpute Pankaj Bhausahab	Entod Pharmaceuticals
51.	Sayyed Alisha Ansar	Shodh Advantech Aurangabad
52.	Shelke Mohini Bhausahab	Renuka Herbal Industries
53.	Shinde Sonali Minanath	Shodh Advantech Aurangabad
54.	Sonawane Pankaj Prakash	Bora Pharmaceuticals
55.	Tambe Tejshri Laxman	Renuka Herbal Industries
56.	Tamboli Avesh Aslam	Sun Pharmaceuticals, Ahmednagar
57.	Tawate Vinod Rajendra	Shodh Advantech Aurangabad
58.	Thombare Shailesh Rambhau	Glenmark Pharmaceuticals
59.	Todmal Tejas Ganesh	Glenmark Pharmaceuticals
60.	Tonde Avishkar Shrikrushna	Shodh Advantech Aurangabad
61.	Turkane Arpita Sunil	Shodh Advantech Aurangabad
62.	Unde Sahara Balasaheb	Shodh Advantech Aurangabad
63.	Vikhe Rahul Balasaheb	Shodh Advantech Aurangabad

64.	Vikhe Shraddha Rajendra	Shodh Advantech Aurangabad
65.	Waditake Poonam Dada	Shodh Advantech Aurangabad
66.	Waghe Raj Bhikaji	Glenmark Pharmaceuticals
67.	Waghmare Pragati Ajay	Shodh Advantech Aurangabad
68.	Wani Abhay Bhimashankar	Glenmark Pharmaceuticals
69.	Warale Anurag Appasaheb	Bora Pharmaceuticals
70.	Warhade Vaishnavi Ramesh	Micropure Parentals Pvt. Ltd.

Number of students in Final Year B.Pharm	Number of students completed Training	Number of students not completed Training	Percentage of students completed training
69	66	03	96 %

Industrial Visits

Sr. No.	Name of company with address	Area of Specialization	Class	No of Students
	Hospital Visit PMT, Loni	Hospital & Blood Bank	First Year B. Pharm	60
1.	Medispray Laboratories Satara	Production of OSD	Final Y.B.Pharm	45
2.	Scitech Specialities, Sinnar	Production of Pharmaceuticals & Neutraceuticals	Second Year .B.Pharm	45
3.	N V Pharma Sinnar	Production of effervescent tablet and powder like ORS	Third Year B.Pharm	45

Conclusion/ Suggestion:-

1. The committee member appreciated excellent effort of TPC for student training activity
2. The report of training and placement cell organized for the year 2021-2022 is accepted and approved by member of IQAC .

Agenda No. 4. To review result analysis of examination.	Presenter:- Mr. Amol S Dighe
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Mr. Amol S Dighe briefed the members on result analysis of examination for the academic year 2021-22

B. Pharmacy Subject wise Result 2021-2022 (EVEN 2022)

F. Y. B. Pharm-SEM.-II (2019 PATTERN)

Sr. NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result	Staff
1	Human Anatomy and Physiology II	66	66	51	15	77.27	RDG
2	Pharmaceutical Organic Chemistry I	66	66	51	15	77.27	RJB
3	Biochemistry	66	66	55	11	83.33	HSB
4	Pathophysiology	66	66	51	15	77.27	SAV
05	Computer Application in Pharmacy	66	66	66	0	100 %	RSJ
06	Environmental science	66	66	66	0	100 %	SBB

S.Y.B. Pharm-SEM.-IV (2019PATTERN)

Sr. NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result	Staff
1	Pharmaceutical Organic Chemistry III	76	76	63	13	82.89	KBD
2	Medicinal Chemistry I	76	76	64	12	84.21	ASD
3	Physical Pharmaceutics II	76	76	64	12	84.21	KVD
4	Pharmacology I	76	76	61	15	80.26	SSD
5	Pharmacognosy and Phytochemistry-I	76	76	64	12	84.21	SRV

T.Y.B. Pharm-SEMESTER-VI (2019 PATTERN)

Sr.NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result	Staff
1	Medicinal Chemistry III	73	73	67	6	91.78	SDMG

2	Pharmacology III	73	73	68	5	93.15	SBD/KBB
3	Herbal Drug Technology	73	73	67	6	91.78	DNV
4	Biopharmaceutics and Pharmacokinetics	73	73	64	9	87.67	MSB
5	Pharmaceutical Biotechnology	73	73	68	5	93.15	SDMN
6	Quality Assurance	73	73	68	5	93.15	MHK

FINAL.Y.B. Pharm-SEMESTER-VIII (2018 PATTERN)

Sr.NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result	Staff
01	Advanced Drug Delivery System	69	69	69	---	100 %	MHK/AVB
02	Cosmetic science	69	69	69	---	100 %	SSS/VAK
03	Pharmaceutical Analysis-VI	69	69	69	---	100 %	HSB
04	Medicinal Chemistry-IV	69	69	69	---	100 %	VMG/RKG
05	Pharmacology-V	69	69	69	---	100 %	SBB
06	Natural Products	69	69	69	---	100 %	RSJ/SGL
07	Quality Assurance Techniques	69	69	69	---	100 %	MIK

FIRST.Y.M. Pharm-SEMESTER-I (2019 PATTERN) PHARM.CHEMISTRY

Sr.NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result	Staff
1	Advanced Spectral Analysis	16	16	13	3	81.25	RJB
2	Advanced Organic Chemistry-II	16	16	14	2	87.5	SDMG
3	Computer Aided Drug Design	16	16	15	1	93.75	RKG
4	Pharmaceutical Process Chemistry	16	16	14	2	87.5	MSB

FIRST.Y.M. Pharm-SEMESTER-I (2019 PATTERN) PHARMACOGNOSY

Sr.NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result	Staff
1	Medicinal Plant Biotechnology	16	16	16	0	100	APP
2	Advanced Pharmacognosy-II	16	16	15	1	93.75	RSJ
3	Indian System Of Medicine	16	16	15	1	93.75	SRV
4	Herbal Cosmetics	16	16	15	1	93.75	DNV

**FIRST.Y.M. Pharm-SEMESTER-I (2019 PATTERN) QUALITY ASSURANCE
TECHNIQUES**

Sr.NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result	Staff
1	Hazards & Safety Management	15	15	14	1	93.33	MHK
2	Pharmaceutical Validation	15	15	14	1	93.33	SSS/VAK
3	Audits Regulatory compliance	15	14	14	0	100	SDMN
4	Pharmaceutical Manufacturing Technology	15	15	15	0	100	KVD

Result analysis for the year 2021-21 (APRIL,2022)

Class	Students appeared	Dist.	First class	Higher Second class	Second class	ATKT	Absent Students	Fail	College Result
F.Y. B.Pharmacy. SEM-II	66	48	03	....	....	15	...	....	100.00 %
S.Y. B.Pharmacy. SEM-IV	76	58	03	---	---	15	.....	---	100.00 %
T.Y. B.Pharmacy. SEM-VI	73	63	01	.....	---	09	.....	....	100.00 %
FINAL.Y.B.Pharm. SEM-VIII	69	66	03	....	....	....	....	....	100.00 %
F.Y.M.Pharm. SEM-II	47	43	01	....	....	03	...	...	100.00 %
S.Y.M.Pharm. SEM-II	45	40	02	....	....	....	03	..	100.00 %

Conclusion/ Suggestion:- Committee congratulated all students and staff excellent result and approved the CO-PO attainment.

Agenda No. 5. To consider the report of research, attended seminar/ webinar/conference/ training programme / workshop / value added courses of staff.	Presenter:- Dr. Suhas S Siddheshwar
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1. Dr. Suhas S Siddheshwar presented report on research, attended seminar/ webinar/conference/ training programme / workshop / value added courses of staff.

Academic Year	Total No. Article	Review	Research	National	International	UGC	Scopus	WOS	Other/Google Scholar
2021-22	91	54	37	55	36	16	5	1	69

Class	1 st Rank	2 nd Rank	3 rd Rank
FIRST Y. B. PHARM	KUMAVAT NANDINI VITTHAL 8.41 CGPA	DUMBARE SWAMINI GORAKSHNATH NIKUMBH ASMITA MANOJ 8.27 CGPA	BAWAKE PRADNYA DNYANESHWAR 8.24 CGPA
SECOND Y. B. PHARM	GHULE RUPALI MAHADEV 8.57 CGPA	GAJARE ASAWARI SHAM NAWALE SEJAL NAVNATH PAWAR TRUPTI YOGESH 8.28 CGPA	GADADE POOJA NANDAKUMAR SHELKE JAYASHREE ASHOK SHINDE SAYALI PANDURANG 8.21 CGPA
THIRD Y. B. PHARM	SAHANE PRATIKSHA ANIL 8.20 CGPA	NAVALE ABHIJIT SUKDEV 8.13 CGPA	SHAIKH SAHERISH ANSAR NIRMAL TRIVENI BHANUDAS 8.26 CGPA
FINAL Y. B. PHARM	.....	.....	.....
FIRST Y. M. PHARM	SONAWANE PALLAVI ANNASAHEB (PHARMACOGNOSY) KOLHE PIYUSHA VASANT (PHARMACEUTICAL CHEMISTRY) 8.23.CGPA	DIGHE POOJA SUBHASH VIKHE SHARVARI VITTHAL 8.08 CGPA (PHARMACOGNOSY)	KANAWADE SHUBHAM NARAYAN (QAT) SHAIKH SHABNAM BABU (PHARMACEUTICAL CHEMISTRY) 7.92 CGPA
SECOND Y. M. PHARM	SHINGOTE VISHAKHA SHANKAR 86.76% (QAT)	JANGAM KANCHAN KISHOR 86.48% CGPA (PHARMACOGNOSY)	BORNARE SNEHAL LAXMAN 85.56 % (QAT)

Academic Year	No. of Patents	Published	Granted	Indian	Other(German etc)	No. of Books	National	International	E book	Hard bound	No. of Trademark
2021-22	2	2	0	2	0	5	4	1	2	3	

Academic Year	Total No. of Presentation	Presented in seminar	Presented in conference	Online	Offline	Poster	Oral	National	International	State/college
2021-22	13	5	8	9	4	10	3	6	4	3

Conclusion/ Suggestion:- Committee appreciated the effort taken by Research and development cell and report has been accepted and approved

Agenda No. 6. To review of academic performance and R & D activity.	Presenter:- Dr. Suhas S Siddheshwar
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1. The report of research and development cell for the year 2021-2022 is accepted and approved by member of IQAC
2. The committee members appreciated the efforts taken by research and development cell for motivation of the staff in seminar, webinar, conference, training programme and workshop.

no.	Name of the Staff (Surname/First name/ Middle name)	Designation	Department	Research/ Review	Title of paper
1.	Kolhe Mahesh Hari	Assistant Professor	QAT	Research	Development of Floating Tablet of Amlodipine Besylate for Bioavailability Improvement in Animal Model
2.	Kolhe Mahesh Hari	Assistant Professor	QAT	Research	Development of Capsule Containing Immediate Release Tablet and Extended Release Floating Tablet for Monitoring Release of Atenolol
3.	Kolhe Mahesh Hari	Assistant Professor	QAT	Review	A review on Analytical Methods for Estimation of Linagliptin in Bulk and Tablet Dosage form
4.	Kolhe Mahesh Hari	Assistant Professor	QAT	Review	A Review on Analytical Method for Determination of Lamotrigine in Bulk and Pharmaceutical Dosage Form
5.	Kolhe Mahesh Hari	Assistant Professor	QAT	Research	Development and Validation of A RP HPLC Method for the Simultaneous Analysis of Lopinavir and Ritonavir in Tablets Dosage Form.
6.	Kolhe Mahesh Hari	Assistant Professor	QAT	Review	Vesicular Delivery of Curcumin for Topical Application: A Review
7.	Kolhe Mahesh Hari	Assistant Professor	QAT	Research	Formulation and evaluation of vesicular delivery of curcumin for topical application

8.	Kolhe Mahesh Hari	Assistant Professor	QAT	Review	Ranolazine: A review on its safety, efficacy and therapeutic indications and overview on analytical methods
9.	Kolhe Mahesh Hari	Assistant Professor	QAT	Review	Development and validation of RP-HPLC method for estimation of Secnidazole in API and Pharmaceutical Dosage Form
10.	Kolhe Mahesh Hari	Assistant Professor	QAT	Review	A Review on Analytical Methods for estimation of Apremest in Bulk, Pharmaceutical Formulation and in Biological Samples
11.	Kolhe Mahesh Hari	Assistant Professor	QAT	Research	RP-HPLC Method Development and Validation of Linagliptin in Bulk and Pharmaceutical Dosage Form
12.	Kolhe Mahesh Hari	Assistant Professor	QAT	Review	Study on Wound healing plants, their Formulation and Evaluation
13.	Kolhe Mahesh Hari	Assistant Professor	QAT	Review	Analytical Technique for Carvedilol and Ivabradine Determination from Pure and Pharmaceutical Dosage Forms: A Review
14.	Kolhe Mahesh Hari	Assistant Professor	QAT	Research	Stability Indicating Method Development and Validation of Carvedilol and Ivabradine in Bulk and its Formulation by Reverse Phase High Performance Liquid Chromatography Method
15.	Magar Sagar Dattatray	Assistant Professor	Pharmaceutic al Chemistry	Research	development and validation of rphlc method for estimation of tenoxicam in its bulk and pharmaceutical dosage form
16.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutic al Chemistry	Review Article	overall review on: effective therapeutic benefits of microalgae: spirulina
17.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutic al Chemistry	RESEARCH	formulation and evaluation of natural lipsticks prepared from delonix regia petals extract
18.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutic al Chemistry	Review Article	overall review on: current scenario in waste management system
19.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutic al Chemistry	Review Article	overall review on: effective therapeutic benefits of microalgae: spirulina
20.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutic al Chemistry	Review Article	a review on:therapeutic activities of spirulinaon skin
21.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutic al Chemistry	Research Article	Metabolism of Arsenic in Human by AS3MT Gene
22.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutic al Chemistry	Review Article	A Review on Biologiv/Cat Activity of "Benzimidazole as a Imidazole Derivatives"
23.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutic al Chemistry	Research Article	Comparative Synthetic Study, in silico Screening and Biological Evaluation of some Substituted Tetrahydropyrimidine-2-thione Derivatives as Potential DHFR Inhibitors
24.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutic al Chemistry	Review Article	Recent Progress on Synthesis and Bio-activities of Tetrahydropyrimidine-2-one derivatives
25.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutic al Chemistry	Review Article	An Overview on Estimation of Lacidipine from Bulk and Formulation
26.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutic al Chemistry	Research Article	development and validation of rp-hplc method for simultaneous estimation of azilsartan medoxomil and cilnidipine in bulk and tablet dosage form
27.	Mr. Bhosale Mayur S	Assistant	Pharmaceutic	Research Article	method development and validation of

		Professor	al Chemistry		ezetimibe and simvastatin in pharmaceutical dosage form by rp-hplc
28.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutical Chemistry	Review Article	a review: analytical method for determination of pregabalin and etoricoxib in pharmaceutical dosage form
29.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutical Chemistry	Review Article	a review: analytical method for simultaneous determination of ezetimibe and simvastatin in combined pharmaceutical dosage form by rp-hplc method
30.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutical Chemistry	Review Article	A Review on <i>Murraya koenigii</i> . for Hair Growth Promoter
31.	Mr. Bhosale Mayur S	Assistant Professor	Pharmaceutical Chemistry	Review Article	A Review on Jackfruit. It is profitable to human beings
32.	Dr. Sunayana Vikhe	Assistant Professor	Pharmacognosy	Research Article	<i>Antidiabetic And Antihyperlipidemic Activities Of Ferontia Elephantum Gum In Streptozotocin Induced Diabetic Rats</i>
33.	Mrs.K.V.Dhamak	Assistant Professor	QAT	Review	Analytical Technique for Carvedilol and Ivabradine Determination from Pure and Pharmaceutical Dosage Forms: A Review
34.	Mrs.K.V.Dhamak	Assistant Professor	QAT	Research	Stability Indicating Method Development and Validation of Carvedilol and Ivabradine in Bulk and its Formulation by Reverse Phase High Performance Liquid Chromatography Method
35.	Siddheshwar Suhas Shivaji	Professor	Pharmaceutics	Review	A Review On Analytical Method For Determination Of Lamotrigine In Bulk And Pharmaceutical Dosage Form
36.	Siddheshwar Suhas Shivaji	Professor	Pharmaceutics	Review	A Review On Analytical Method For Determination Of Venlafaxine HCL In Bulk And Pharmaceutical Dosage Form
37.	Siddheshwar Suhas Shivaji	Professor	Pharmaceutics	Review	A Review On Analytical Method For Estimation Of Linagliptin In Bulk And Tablet Dosage Form
38.	Siddheshwar Suhas Shivaji	Professor	Pharmaceutics	Review	Review Paper On Ayush System Of Medicine Against Covid-19
39.	Amol S Dighe	Assistant Professor	Pharmachemistry	Research	Method Development And Validation Of Assay Method For Simultaneous Estimation Of Bilastine And Montelukast Sodium By Using Rp-Hplc
40.	Amol S Dighe	Assistant Professor	Pharmachemistry	Research	In silico Investigation and Molecular Docking Study of Triazolo-thiadiazole Derivatives for Antimicrobial, Anti-inflammatory and Anti-diabetic Activity
41.	Dighe Santosh Bhausaheb	Assistant Professor	Pharmacology	Research	Phytochemical study and Anxiolytic potential of <i>Martynia annua</i> Linn seeds
42.	Dighe Santosh Bhausaheb	Assistant Professor	Pharmacology	Research	Pharmacognostic, phytochemical & Anti-inflammatory activity of ougeinia ojjencinensis leaves
43.	Dighe Santosh Bhausaheb	Assistant Professor	Pharmacology	Research	Phytochemical study and anxiolytic activity of hibiscus cannabis leaves
44.	Dighe Santosh Bhausaheb	Assistant Professor	Pharmacology	Research	Pharmacognostic and physicochemical phytochemical and evaluation of abortifacient activity of <i>Calotropis gigantea</i> leaf
45.	Dighe Santosh Bhausaheb	Assistant Professor	Pharmacology	Research	Phytochemical , Pharmacognostic study and anti-inflammatory activity of <i>Mundulea sericea</i>

46.	Dighe Santosh Bhausaheb	Assistant Professor	Pharmacology	Research	Development of herbal ointment from Bauhinia racemosa leaves for wound healing activity
47.	Dighe Santosh Bhausaheb	Assistant Professor	Pharmacology	Research	Pharmacognostic phytochemical standardization and anticonvulsant activity study of sesbania grandiflora flowers
48.	Dighe Santosh Bhausaheb	Assistant Professor	Pharmacology	Research	Pharmacognostic phytochemical study and antitussive activity of cordial sinensis leaves
49.	Dighe Santosh Bhausaheb	Assistant Professor	Pharmacology	Research	Pharmacognostical phytochemical study and anti-inflammatory activity of benincasa hispida leaves
50.	Godge Rahul Keshav	Assistant Professor	Pharmaceutical Chemistry	Review	Empagliflozin And Linagliptin: An Analytical Review

Seminar/ Conference/ Workshop/Symposium attended by staff

Sr. no.	Name of the Staff (Surname/First name/ Middle name)	Designation	Department	Seminar/ Conference/ Workshop/Symposium /other	Title of Seminar/ Conference/ Workshop
1	Siddheshwar Suhas Shivaji	Professor	Pharmaceutics	Workshop/Training	Technical hands on training of instruments handling"
2	Siddheshwar Suhas Shivaji	Professor	Pharmaceutics	Conference	Saae-india (society for alternatives to animal experiments-india)
3	Siddheshwar Suhas Shivaji	Professor	Pharmaceutics	Conference	Recent trends in pharmaceutical research
4	Rohit Jaysing Bhor	Associate Professor	Pharmaceutical Chemistry	Webinar	"intellectual property right"
5	Mankar Someshwar D	Associate Professor	Pharmaceutics	Conference	Pharmaceutical research and innovation to tackle future healthcare arena
6	Mankar Someshwar D	Associate Professor	Pharmaceutics	Conference	"Recent trends in pharmaceutical research"

FDP/ Other Course attended by staff

Sr. no.	Name of the Staff (Surname/First name/ Middle name)	Designation	Department	FDP/ Other Course	Title of FDP/ Other Course
1.	Ghogare Rajashree.D	Assistant Professor	Pharmacology	FDP	"Research & Regulatory Requirements: An Industry Perspective"
2.	Ghogare Rajashree.D	Assistant Professor	Pharmacology	National Webinar	"Research & Regulatory Requirements: An Industry Perspective"
3.	Mankar Someshwar D	Associate Professor	Pharmaceutics	FDP	Innovation,Startup and Entrepreneurship development in Pharmaceutical Science
4.	Mankar Someshwar D	Associate Professor	Pharmaceutics	FDP	'EmergingTrendsandChallengesinTechno-stabilizationofPharmaceuticals'
5.	Mankar Someshwar D	Associate Professor	Pharmaceutics	FDP	Pharmaceutical Quality System for Product Life Cycle Management
6.	Mankar Someshwar D	Associate Professor	Pharmaceutics	FDP	Clinical Research Methodology
7.	Mankar Someshwar D	Associate Professor	Pharmaceutics	FDP	Life Skill- Management 2020-21

8.	Mankar Someshwar D	Associate Professor	Pharmaceutics	Seminar	Advancement in Pharmaceutical Education & Research
9.	Bhosale Mayur S	Assistant Professor	Pharmaceutical chemistry	Webinar	"Immunity Boosters (Medicinal Plants) and Yogic Lifestyle to Prevent COVID-19"
10.	Bhosale Mayur S	Assistant Professor	Pharmaceutical chemistry	seminar	"Alternative Energy Resources for Future".
11.	Bhosale Mayur S	Assistant Professor	Pharmaceutical chemistry	FDP	"Various facets of Quality in Pharmaceutical Industry"
12.	Siddheshwar Suhay Shivaji	Professor	Pharmaceutics	FDP	Inculcating Universal Human Values in Technical Education
13.	Siddheshwar Suhay Shivaji	Professor	Pharmaceutics	Webinar	Research and Regulatory requirements : An Industry Perspective
14.	Dhamak Kavita Vitthalrao	Assistant Professor	Quality Assurance Techniques	WEBINAR	Recent Avenues in Drug Discovery and Development
15.	Dhamak Kavita Vitthalrao	Assistant Professor	Quality Assurance Techniques	FDP	Research and Regulatory Requirements: An Industry Perspective
16.	Dhamak Kavita Vitthalrao	Assistant Professor	Quality Assurance Techniques	Lecture Series	IIC Impact Lecture Series
17.	Bhawar Hemlata Sanjay	Assistant Professor	Pharmaceutics	QIP	Focused Shift In Pharma Outlook: From Evolution To Revolution "in virtual mode
18.	Godge Rahul Keshav	Assistant Professor	Pharmaceutical Chemistry	FDP	Manuscript Drafting and Research Proposal, Project Drafting for Funding Process"
19.	Godge Rahul Keshav	Assistant Professor	Pharmaceutical Chemistry	FDP	"Inculcating Universal Human Values in Technical Education"

Conclusion/ Suggestion:- Committee appreciated the effort taken by Research and development cell and report has been accepted and approved

Agenda No. 7. To review on requirement of infrastructure, chemical and equipment in view of enhancement of courses	Presenter:- Dr. Santosh B Dighe
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1. Dr. Santosh B Dighe presented IQAC regarding requirement of infrastructure, chemical and equipment in view of enhancement of courses
2. Internal audit of equipment, glassware, chemicals and furniture is to be conducted before commencement of academic activities. Audit shall be conducted by the team appointed by the Principal.
3. Working and not working status of equipment shall be reported to HOD.
4. Faculty is asked to forward requirement for the equipment, chemicals, glassware and maintenance work to respective HOD.
5. All faculties shall forward book requirement considering changes in syllabus of UG and PG programme, to Library committee.
6. The requirement shall be given in necessary format with requisition form and budget provision.

Conclusion/ Suggestion:- Committee discussed the requirement of infrastructure, chemical and equipment in view of enhancement of courses and recommended for the further process

Agenda No. 8. To review on alumni activity in year 2021-22	Presenter:- Mrs. Hemalata Bhavar
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1. Mrs. Hemalata Bhavar presented the progress of the alumni activity for the year 2021-22

Conclusion/ Suggestion:- Committee overlooked the progress report of Alumni department and approved the same

Agenda No. 09. To review on website update.	Presenter:- Mr. Mahesh Kolhe
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Mr. Mahesh Kolhe presented the report regarding to updation of website

Conclusion/ Suggestion:-

The committee reviewed the website and approved the same

Agenda No. 10. Any other matter with the permission of Chair	Presenter:- Dr. Santosh B Dighe
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The Meeting of IQAC was concluded with vote of thanks proposed by Dr. Sanjay Bhawar to Hon. Chairman and all the members for their valuable contribution for the meet.


Dr. Santosh B Dighe

IQAC coordinator
IQAC Incharge
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar




Dr. Sanjay Bhawar

Principal
Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar

Copy to

1. IQAC file
3. Members of IQAC



PRAVARA RURAL EDUCATION SOCIETY
PRAVARA RURAL COLLEGE
OF PHARMACY
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INTERNAL QUALITY ASSURANCE CELL (IQAC)

Sr.No	Name	IQAC Designation
1.	Dr. Sanjay. B. Bhawar Principal	Chairperson
2.	Shri. Bharat V Ghogare Patil Joint secretary, PRES	Member from trust
3.	Dr. Bhaskarrao N. Kharde Patil Director, PRES	Member from trust
4.	Dr. Rahul Kunkulol Professor & HOD of Pharmacology, Rural Medical College, Loni	Nominee from Local society
5.	Dr. B. M. Patil Director, Pharmacy Institutions	Senior Administrative Officer
6.	Mr. Prashant Gagare MD, Virtue Pharma, Shirampur	Nominee from Industry
7.	Dr. Rasika Bhalake Principal, Matoshri Institute, Yeola	Nominee from Alumni
8.	Mr Yogesh Jadhav CEO, Blynerns Pharmaceuticals Ltd.	Nominee from Employers
9.	Mr. Kartik Nehe Student	Nominee from Student
10.	Dr. Vasant V. Vikhe Parent Representative	Nominee from Stakeholder
11.	Dr. Suhas S. Siddheshwar Professor, Pharmaceutics	Teacher Member
12.	Dr. Sunayana R. Vikhe Associate Professor, Pharmacognosy	Teacher Member
13.	Dr. Mayur S Bhosale Assistant Professor, Pharma-chemistry	Teacher Member
14.	Mr. Rajendra Tambe Establishment Section	Administrative member
15.	Dr. Santosh B. Dighe HOD, Pharmacology	Coordinator



Principal
Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar



PRAVARA RURAL EDUCATION SOCIETY'S
PRAVARA RURAL COLLEGE
OF PHARMACY
LONI

Date: 09/01/2023

Notice

The IQAC Meeting as per the agenda mentioned herewith is scheduled on 13 January 2023, at 11.00 Am in Board Room, PRCOP College.

All are requested to attend the same without fail.

Agenda for the meeting:

Agenda no.	Particulars
1.	To read and approve minutes of the last meeting and action taken report
2.	To review the compliance of activity and academic calendar of odd semester, AY 2022-23 and propose suitable measures to sustain and enhance academic quality.
3.	To consider and approve academic feedback with action taken report for odd semester, AY 2022-23
4.	To consider and approve report on student training and placement activities.
5.	To review result analysis of May/June 2022 examination
6.	To consider the report of research, attended seminar/ webinar/conference/ training programme / workshop / value added courses of staff.
7.	To review on AQAR submission and compilation of files
8.	Any other matter with the permission of chair




Dr. Sanjay Bhawar

Principal and Member of secretary
Principal

Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar



PRAVARA RURAL EDUCATION SOCIETY'S
PRAVARA RURAL COLLEGE
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**MINUTES INTERNAL QUALITY ASSURANCE CELL (IQAC)
AND
COLLEGE DEVELOPMENT COMMITTEE
Meeting: 2022-2023/ 10**

Date: 13 January, 2023

Time: 11.00 am

Venue : Board Room, Pravara Rural College of Pharmacy, Loni.

SCHEDULE OF THE MEETING

Sr.No	Time	Particular	Venue
1.	11.00 am onwards	Arrival of CDC & IQAC member and special invitee	Board Room, PRCOP
2.	11.00-11.05 am	Welcome of CDC & IQAC Members by the principal	Board Room, PRCOP
3.	11.05-11.10 am	Proposing agenda of the meeting for discussion	
4.	11.10-12.00 pm	Presentation on agenda of the meeting	
5.	12.00-12.05pm	Vote of thanks	
6.		National anthem	
7.	12.05-12.30 pm	High tea	Food court




Dr. Sanjay Bhawar

Principal and Member of secretary
Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar

MINUTES INTERNAL QUALITY ASSURANCE CELL (IQAC)
Meeting: 2022-23/ 10

Date: 13 January 2023

Time: 11.00 am

Venue: Board Room, Pravara Rural College of Pharmacy, Lonl.

Agenda for the meeting

No.	Particulars
1.	To read and approve minutes of the last meeting and action taken report
2.	To review the compliance of activity and academic calendar of odd semester, AY 2022-23 and propose suitable measures to sustain and enhance academic quality.
3.	To consider and approve academic feedback with action taken report for odd semester, AY 2022-23
4.	To consider and approve report on student training and placement activities.
5.	To review result analysis of May/June 2022 examination
6.	To consider the report of research, attended seminar/ webinar/conference/ training programme / workshop / value added courses of staff.
7.	To review on AQAR submission and compilation of files
8.	Any other matter with the permission of chair




Principal
Pravara Rural College of Pharmacy
Pravaranganagar, Tal. Rahata, Dist. Ahmednagar

Dr. Sanjay Bhawar welcomed all the members and read the agenda of the meeting. Agenda was taken up for discussion-

Agenda No. 1. To read and approve minutes of the last meeting and action taken report	Presenter:- Dr. Sanjay Bhawar
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Dr. Sanjay Bhawar briefed the members on last MOM which have been sent to the members.
Dr. Santosh B Dighe presented action taken report of last IQAC

Action Taken Report of last IQAC

Sr	Decisions	Action taken	Compliance & remark
1.	To consider and approve academic feedback with action taken report for Even semester, AY 2021-22	The academic feedback was taken and approved by committee	Complied
2.	To consider and approve report on student training and placement activities.	TPO gave presentation on student training and placement activity.	Complied
3.	To review result analysis of examination.	Exam department presented result analysis. The appreciation letter given to faculty for 100 % result in allotted subject	Complied
4.	To consider the report of research, attended seminar/ webinar/conference/ training programme / workshop / value added courses of staff.	Research Head given presentation	Complied
5.	To review of academic performance and R & D activity.	Research Head given presentation	Complied
6.	To review on requirement of infrastructure, chemical and equipment in view of enhancement of courses.	Principal Dr. Sanjay Bhawar given information	Complied
7.	To review on alumni activity in year 2021-22	Alumni Coordinator given presentation	Complied
8.	To review on website update	Website in charge given presentation and modification done in website as per suggestion given by committee	Complied
9.	Any other matter with the permission of chair	The implementation of Orcid Id, Scopus to faculty for research activities made compulsory	Complied

Conclusion/ Suggestion: - The report of last IQAC for the A.Y 2021-2022 is accepted and approved by IQAC

Agenda No. 2. To review the compliance of activity and academic calendar of odd semester, AY 2022-23 and propose suitable measures to sustain and enhance academic quality

**Presenter:-
Dr. Sunaina R.
Vikhe**

Mrs. Sunaina R. Vikhe briefed the members that

- i) Academic and activity calendar for academic year 2022-23 is prepared as per policy document and ready for discussion and approval of IQAC
- ii) The schedule for continuous assessment examination is included in the academic calendar, as was recommended by members of IQAC.
- iii) Inputs from all the departments and sections-like academic, administrative, examination, cultural, Student welfare, alumni, library, sports, TPC, NSS, planning and development etc were taken into consideration for finalizing the academic calendar.
- iv) The approved calendar will be displayed on notice board and uploaded on institute website for the notice of all stakeholders.

January-2023	
3-Monday	Alumni Cell meeting
3-Monday	Third Progress review presentation & Journal club of M. Pharm students
5-Thursday	Career guidance/Training placement cell meeting
5-Thursday	TPC Cell- Industrial visit final year B.Pharm
6-Friday	Parents meet
7-Saturday	TPC Cell- Industrial visit Third year B. Pharm
10-Tuesday	IQAC Cell-Workshop on scientific publication
10-Tuesday	TPC Cell- Industrial visit Second year B. Pharm
12-Thursday	NSS Cell-Lecture on self-confidence on occasion of national youth day
13-Friday	Academic Committee meeting
15-Sunday	NSS Cell- Swacchata Abhiyan at College
18-Wednesday	Website Committee meeting
18-Wednesday	TPC Cell- Industrial visit First year B.Pharm
23-Monday	Scholarship Committee (Non-Government) meeting
23-Monday	DIC meeting
24-Tuesday	Industry and Institute interaction cell meeting
25-Wednesday	NSS Cell-National voters Day celebration
25-Wednesday	Student Mentoring Committee meeting
26-Thursday	NSS Cell-Republic Day celebration
28-Saturday	Hostel Committee meeting
28-Saturday	TPC Cell-Workshop on Personality Development by Jeevan Sanjivani, Satara
30-Monday	NSS Cell-Visit & awareness program at Lohare orphan school on occasion of world leprosy Day
31-Tuesday	Alumni Cell-Expert lecture by Alumni
February-2023	
1-Wednesday	Field visit of Third year B.Pharm
2-Thursday	NSS Cell-Self-defense training program
4-Saturday	NSS Cell- Cancer Awareness & Medicine Counseling Rally on occasion World Cancer Day.
8-Wednesday	Code of Conduct & Discipline Committee meeting
10-Friday	TPC Cell- Workshop on Good Clinical Practices

	11-Saturday	Academic Committee meeting
	11-Saturday	Alumni Cell-Expert lecture by Alumni
	12-Sunday	Alumni Meet
	13-Monday	Student council meeting
	13-Monday	Affiliation cell meeting
	13-Monday	Research Committee (Promotion & Evaluation) meeting
	13-Monday	Innovation & Incubation Cell meeting
	14-Tuesday To 19-Sunday	NSS Cell 'Youth week' celebration with following activity I. Poster Competition II. Just a Minute, III. Debate Competition, IV. Rangoli competition V. Guest Lecture.
	15-Wednesday	TPC Cell- Expert session on Entrepreneurship Development
	15-Wednesday	IAEC meeting
	16-Thursday To 24-Friday	Annual sport Day
	16-Thursday	Parent Teacher Association meeting
	16-Thursday	IQAC Cell-Workshop on HPTLC
	25-Saturday	TPC Cell- Workshop on Herbal drug Standardization by Dr. Punit Rachh
	25-Saturday	Women Empowerment Cell meeting
	25-Saturday	Internal Complaints Committee & Anti-harassment Squad meeting
	22-Wednesday to 24-Friday	Cultural day's
	25-Saturday	Annual social gathering 2k23
	27-Monday To 3- Friday	First Sessional Practical Examination B & M.Pharm
	27-Monday	IQAC meeting
	March-2023	
	3-Friday	Grievance Redressal committee meeting
	6-Monday	Library Committee meeting
	9- Thursday To 14-Tuesday	First sessional Theory Examination B & M.Pharm
	10-Friday	NSS Cell- Guest Lecture and Health Hygiene Program on occasion of 'World Women's Day'
8	11-Saturday	Academic Committee meeting
	17-Friday	NSS meeting
	17-Friday	Admission committee meeting
	25-Saturday	Hostel Committee meeting
	25-Saturday	Alumni Cell-Expert lecture by Alumni
	28-Tuesday	Student Mentoring Committee meeting
	28-Tuesday	TPC Cell- Industrial Visit of F.Y.M.Pharm
9	April-2023	

	5-Wednesday	TPC Cell- Expert lecture by Mr. Ravi Gaware
	6-Thursday	Sport Dept. International sport Day celebration
	7-Friday	TPC Cell- Training session by Smart Chem Plus
	7-Friday	NSS Cell- Health Check Up Camp on Occasion of World Health Day
	8-Saturday	Academic Committee meeting
	10-Monday	TPC Cell- Expert lecture by Dr.Sayyad Sadik
	11-Tuesday	Research Committee (Promotion & Evaluation) meeting
	17-Monday	Student council meeting
	20-Thursday	Industry and Institute interaction cell meeting
	22-Saturday	Women Empowerment Cell meeting
	22-Saturday	Alumni Cell Expert lecture by Alumni
	22-Saturday	Internal Complaints Committee & Anti-harassment Squad meeting
	27-Thursday	Publicity Committee meeting
	May-2023	
	3-Wednesday	Academic Committee meeting
	2-Monday To 6-Saturday	Second Sessional Practical Examination
	8-Monday To 12-Friday	Second sessional Theory Examination B & M. Pharm
	13-Saturday	Cultural Dept.- Farewell function
	14-Sunday	SPPU Even Semester Examination Theory and Practical
	16-Tuesday	Anti-ragging Committee/Anti-ragging squad meeting
	17-Wednesday	Parents meet
	16-Tuesday	Sports & Extracurricular activity Committee meeting
	27-Saturday	Hostel Committee meeting
	31-Wednesday	IQAC meeting
	31-Wednesday	NSS Cell- Lecture on Tobacco side effect on occasion of Anti-Tobacco Day 2023.
	June-2023	
	1-Thursday To 6-Tuesday	M. Pharm Thesis submission
	2-Friday	Admission committee meeting
	6-Tuesday	Student Mentoring Committee meeting
10		
11		

Conclusion/ Suggestion:- The academic and activity calendar for the Academic year 2022-23 is accepted and approved by the IQAC

Agenda No. 3 To consider and approve academic feedback with action taken report for odd semester, AY 2022-23	Presenter:- Mrs. Sunaina R. Vikhe
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Mrs. Sunaina R. Vikhe briefed the members that academic feedback was collected through online and offline mode

The feedback was collected, analyzed discussed for appropriate action.

Conclusion/ Suggestion:- The Academic feedback with action taken report for odd & even semester was approved and appreciated by committee member.

Agenda No. 4. To consider and approve report on student training activities.	Presenter:- Mr. Someshwar Mankar
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Dr. Someshwar Mankar briefed the members on student monitoring system for the academic year 2022-23 that

Industrial Visits A.Y.2022-23

Sr. No.	Name of company with address	Area of Specialization	Class	No of Students	Date
1.	Vidisha Analyticals, Nashik	Sophisticated instrument handling	Final Year B. Pharm	45	25.08.2022
2.	Sahyadri Farm, Nahik	Field Visit	Third Y. B. Pharm	45	25.08.2022
3.	Scitech Specialities Pvt.Ltd	Production of effervescent tablet	Second Year .B. Pharm	45	26.08.2022

LIST OF MOU:

SR.NO	ACADEMIC YEAR	DETAILS OF MOU
1.	2022-23	ANISH PHARMA EQUIP.PVT.LTD
2.	2022-23	RELIABLES SHREE INDUSTRIAL TRAINING CENTRE, JALGAON
3.	2022-23	CORE ANALYTICALS, NASHIK
4.	2022-23	CLINITECH SUPPORT, PUNE
5.	2022-23	R.B.N.B.COLLEGE SHRIRAMPUR.
6.	2022-23	GPAT DISCUSSION CENTRE

Training/ Workshops: 2022-23

Sr. No.	Activities / Event Name	Date /Day	Name of company with Address	Name of experts	Stack holder (student participate) Branch, Year.	No of Students Participated	Outcome of Event
1	"Webinar on Quality by Design in Pharmaceutical Industry."	23.08.2022	K. B. Inst. of Ph E R, Gandhinagar	Dr. Punit Parejiya,	T.Y & Final year B.Pharm	UG-100	Students learn about the basics of QBD.
2	"Webinar on GPAT and NIPER"	27.08.2022	Academy of NIPER Aspirants	Dr.Machindra Bochare,	T.Y & Final year B.Pharm	UG-117	"students should learn about

	preparation 2023"		(ANA).	CEO & Founder,			various Strategy for GPAT & NIPER Preparation"
3	"Webinar on Nanotechnology tools in pharmaceutical R&D".	28.08.2022	WeInnova te Biosolutions Pvt.Ltd, Pune.	Dr. Sandeep J. Sonawane,	T.Y & Final year B.Pharm/ M.Pharm	UG & PG -100	Students should understand the need of nanotechnology tools in research.
4	"Workshop on GPAT and NIPER preparation 2023"	03.09.2022	MET institute of Pharmacy, Nashik.	Mr. Pratap Pawar,	T.Y & Final year B.Pharm	UG-108	Students should understand the tips and tricks to solve GPAT & NIPER Paper.
5	"One day workshop on Medical, Scientific and Regulatory Writing"	08.09.2022	CliniTech Support, Pune.	Mrs. Smita Thube	T.Y and Final Year.B.Pharm/ M.Pharm	UG & PG-156	Students should learn about basics of medical, scientific and regulatory writing.
6	Career guidance seminar on recent trends	07.09.2022	Avodha Edutech	Mr.Nikhil Nagawanshi	T.Y and Final Year.B.Pharm	UG-104	Students should aware about the recent job opportunities in market.
7	Webinar on Importance of ready training in clinical research and pharmacovigilance.	10.09.2022	Clini India, Pune	Mrs.Diksha Sharma	T.Y and Final Year.B.Pharm/ M.Pharm	UG-100	Students should learn about basics of clinical research and pharmacovigilance.

8	"Seminar on career guidance GPAT preparation and soft skill development"	12.09.2022	GPAT discussion centre Pvt. Ltd	Peeyush Jaiswal,	T.Y and Final Year.B.Pharm	UG-81	Students should learn about various how to prepare for GPAT & NIPER 2023.
9	"Webinar on Clinical data management."	02.10.2022	IQVIA, Bangalore.	Mr.Rambabu Bittu,	S.Y, T.Y and Final Year.B.Pharm And M.Pharm	UG/PG-95	Students should aware about basics of clinical data management.
10	"Career webinar on Clinical Data Analytics"	11.11.2022	KITE-Ai Technologies Pvt.Ltd.,Pune	Mr.Peyush Rajput	Final Year.B.Pharm And M.Pharm	UG-60	Students should aware about basics of clinical data analysis.
11	10 days workshop on "skill development and soft skill training"	06.10.2022 to 17.10.2022	GTT foundation, Pune.	Ms. Ankita Joshi,	Final Year.B.Pharm	UG-70	Students should learn about basic things of soft skill and skill development.
12	"Importance Of Interviews Techniques And Resume Writing For The Freshers"	16.11.2022	CLININDIA	Ms. Nikita Jogewar	Final Year B.Pharm / M.Pharm	UG& PG-120	Students should learn about how to face interview and resume writing.
13	Webinar on "Aspects of IPR from Pharmaceutical Perspective"	26.11.2022	Bosum IP	Mr. Swapnil Ghorpade	B.Pharm / M.Pharm students	UG & PG-100	Students should learn various aspects of IPR from pharmaceutical perspective.

14	Seminar of Financial Wellness management	16.1 1.20 22	Excellence Global Skills	Mr. Sachin Rane	B.Pharm/ M.Pharm	UG-& PG-102	Creating awareness in students regarding financial wellness management.
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Conclusion/ Suggestion:-

1. The committee member appreciated excellent effort of TPC for student training activity
2. The report of training and placement cell organized for the year 2022-2023 is accepted and approved by member of IQAC
- 3.

Agenda No. 5. To review result analysis of May/June 2022 examination	Presenter:- Mr. Amol S Dighe
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Mr. Amol S Dighe briefed the members on result analysis of May/June 2022 examination.

F. Y. B. Pharm-SEM.-II (2019 PATTERN)

Sr. NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result
1	Human Anatomy and Physiology II	66	66	51	15	77.27
2	Pharmaceutical Organic Chemistry I	66	66	51	15	77.27
3	Biochemistry	66	66	55	11	83.33
4	Pathophysiology	66	66	51	15	77.27
05	Computer Application in Pharmacy	66	66	66	0	100 %
06	Environmental science	66	66	66	0	100 %

S.Y.B. Pharm-SEM.-IV (2019PATTERN)

Sr. NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result
1	Pharmaceutical Organic Chemistry III	76	76	63	13	82.89
2	Medicinal Chemistry I	76	76	64	12	84.21
3	Physical Pharmaceutics II	76	76	64	12	84.21
4	Pharmacology I	76	76	61	15	80.26
5	Pharmacognosy and Phytochemistry-I	76	76	64	12	84.21

T.Y.B. Pharm-SEMESTER-VI (2019 PATTERN)

Sr NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result
1	Medicinal Chemistry III	73	73	67	6	91.78
2	Pharmacology III	73	73	68	5	93.15
3	Herbal Drug Technology	73	73	67	6	91.78
4	Biopharmaceutics and Pharmacokinetics	73	73	64	9	87.67
5	Pharmaceutical Biotechnology	73	73	68	5	91.78
6	Quality Assurance	73	73	68	5	91.78

FINAL.Y.B. Pharm-SEMESTER-VIII (2018 PATTERN)

Sr.NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result
01	Advanced Drug Delivery System	69	69	69	---	100 %
02	Cosmetic science	69	69	69	---	100 %
03	Pharmaceutical Analysis-VI	69	69	69	---	100 %
04	Medicinal Chemistry-IV	69	69	69	---	100 %
05	Pharmacology-V	69	69	69	---	100 %
06	Natural Products	69	69	69	---	100 %
07	Quality Assurance Techniques	69	69	69	---	100 %

FIRST.Y.M. Pharm-SEMESTER-I (2019 PATTERN)

PHARM.CHEMISTRY

Sr. NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result
1	Advanced Spectral Analysis	16	16	13	3	81.25
2	Advanced Organic Chemistry-II	16	16	14	2	87.5
3	Computer Aided Drug Design	16	16	15	1	93.75
4	Pharmaceutical Process Chemistry	16	16	14	2	87.5

FIRST.Y.M. Pharm-SEMESTER-I (2019 PATTERN)

PHARMACOGNOSY

Sr. NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result
1	Medicinal Plant Biotechnology	16	16	16	0	100
2	Advanced Pharmacognosy-II	16	16	15	1	93.75
3	Indian System Of Medicine	16	16	15	1	93.75
4	Herbal Cosmetics	16	16	15	1	93.75

**FIRST.Y.M. Pharm-SEMESTER-I (2019 PATTERN)
QUALITY ASSURANCE TECHNIQUES**

Sr. NO	Subject	Total Students	APP. Student	Pass Student	Fail Student	% Result
1	Hazards & Safety Management	15	15	14	1	93.33
2	Pharmaceutical Validation	15	15	14	1	93.33
3	Audits Regulatory compliance	15	15	14	1	93.33
4	Pharmaceutical Manufacturing Technology	15	15	15	0	100

**Pravara Rural College of Pharmacy,
Pravaranagar.**

Result analysis for the year 2021-21 (APRIL.2022)

Class	Students appeared	Dist.	First class	Higher Second class	Second class	ATK T	Absent Students	Fail	College Result	University result
F.Y. B.Pharmacy. SEM-II								---	100.00%	
S.Y. B.Pharmacy. SEM-IV								---	100.00%	
T.Y. B.Pharmacy. SEM-VI								01	98.57%	
FINAL Y.B.Pharm. SEM-VIII								100.00%	
F.Y.M.Pharm. SEM-II								100.00%	
S.Y.M.Pharm. SEM-II									100.00%	

Conclusion/ Suggestion:- Committee congratulated all students and staff excellent result and approved the CO-PO attainment.

Agenda No. 5. To consider the report of research, attended seminar/ webinar/conference/ training programme / workshop / value added courses of staff.	Presenter:- Dr.Suhas S Siddheshwar
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1. The report of research and development cell for the year 2021-2022 is accepted and approved by member of IQAC.
2. The committee members appreciated the efforts taken by research and development cell for motivation of the staff in seminar, webinar, conference, training programme and workshop.

Academic Year	Total No. Article	Review	Research	National	International	UGC	Scopus	WOS	Other/Google Scholar
2022-23	45	25	20	25	20	0	7	4	34

	No. of Patents	Published	Granted	Indian	Other(German etc)	No. of Books	National	International	E book	Hard bound	No. of Trademark
2022-23	14	10	4	13	1	6	3	3	4	2	

Academic Year	Total No. of Presentation	Presented in seminar	Presented in conference	Online	Offline	Poster	Oral	National	International	State/coll ege
2019-20	8	4	4	0	8	5	3	3	5	0
2020-21	7	0	7	4	3	7	0	0	7	0
2021-22	13	5	8	9	4	10	3	6	4	3
2022-23	37	18	19	4	33	28	9	18	12	7

Conclusion/ Suggestion:- Committee appreciated the effort taken by Research and development cell and report has been accepted and approved

Agenda No. 7. To review on AQAR submission and compilation of files	Presenter:- Dr. Santosh B Dighe
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1. Dr. Santosh B Dighe presented IQAC regarding progress of AQAR submission for the year 2021-2022

Conclusion/ Suggestion:-

1. The committee recommended to compile the record Required for AQAR of year 2021-2022 and submit it within timeline.

Agenda No. 8. Any other matter with the permission of chair	Presenter:- Dr. Santosh B Dighe
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1. Dr. Santosh B Dighe presented the report regarding to use of e-library by students
2. It has been decided that staff should apply for research grants/funds.
3. The review was taken for planning of national conference entitled "Use of Artificial Intelligence in pharmaceutical sciences" scheduled in the month of March 2023

Conclusion/ Suggestion:-

The Meeting of IQAC was concluded with vote of thanks proposed by Dr. Sanjay Bhawar to Hon. Chairman and all the members for their valuable contribution for the meet.


Dr. Santosh B Dighe
IQAC coordinator
IQAC Incharge
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar




Dr. Sanjay Bhawar
Principal
Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar

Copy to

1. IQAC file
2. Members of IQAC

(IQAC)

Sr.No	Name	IQAC Designation
1.	Dr. Sanjay. B. Bhawar Principal	Chairperson
2.	Shri. Bharat V Ghogare Patil Joint secretary, PRES	Member from trust
3.	Dr. Bhaskarrao N. Kharde Patil Director, PRES	Member from trust
4.	Dr. Rahul Kunkulol Professor & HOD of Pharmacology, Rural Medical College, Loni	Nominee from Local society
5.	Dr. B. M. Patil Director, Pharmacy Institutions	Senior Administrative Officer
6.	Mr. Prashant Gagare MD, Virtue Pharma, Shrirampur	Nominee from Industry
7.	Dr. Rasika Bhalake Principal, Matoshri Institute, Yeola	Nominee from Alumni
8.	Mr Yogesh Jadhav CEO, Blynars Pharmaceuticals Ltd.	Nominee from Employers
9.	Mr. Kartik Nehe Student	Nominee from Student
10.	Dr. Vasant V. Vikhe Parent Representative	Nominee from Stakeholder
11.	Dr. Suhas S. Siddheshwar Professor, Pharmaceutics	Teacher Member
12.	Dr. Sunayana R. Vikhe Associate Professor, Pharmacognosy	Teacher Member
13.	Dr. Mayur S Bhosale Assistant Professor, Pharma-chemistry	Teacher Member
14.	Mr. Rajendra Tambe Establishment Section	Administrative member
15.	Dr. Santosh B. Dighe HOD, Pharmacology	Coordinator




Dr. Sanjay B. Bhawar
 Principal & Member Secretary
Principal
 Pravara Rural College of Pharmacy
 Pravaranaagar, Tal. Rahata, Dist. Ahmednagar



PRAVARA RURAL EDUCATION SOCIETY'S
PRAVARA RURAL COLLEGE
OF PHARMACY
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Date: 15/05/2023

Notice

The IQAC Meeting as per the agenda mentioned herewith is scheduled on 22 May 2023, at 11.00 Am in Board Room, PRCOP College.

All are requested to attend the same without fail.

Agenda for the meeting:

Agenda no.	Particulars
1.	To read and approve minutes of the last meeting and action taken report
2.	To review the compliance of activity and academic calendar of even semester, AY 2022-23 and propose suitable measures to sustain and enhance academic quality.
3.	To revise and approve feedback policy on curriculum from AY 2022-23
4.	To consider and approve report on student training and placement activities.
5.	To consider the report of research, attended seminar/ webinar/conference/ training programme / workshop / value added courses/ FDP
6.	Any other matter with the permission of chair




Dr. Sanjay Bhawar

Principal and Member of secretary
Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar



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INTERNAL QUALITY ASSURANCE CELL (IQAC)

Sr.No	Name	IQAC Designation
1.	Dr. Sanjay. B. Bhawar Principal	Chairperson
2.	Shri. Bharat V Ghogare Patil Joint secretary, PRES	Member from trust
3.	Dr. Bhaskarrao N. Kharde Patil Director, PRES	Member from trust
4.	Dr. Rahul Kunkulol Professor & HOD of Pharmacology, Rural Medical College, Loni	Nominee from Local society
5.	Dr. B. M. Patil Director, Pharmacy Institutions	Senior Administrative Officer
6.	Mr. Prashant Gagare MD, Virtue Pharma, Shirampur	Nominee from Industry
7.	Dr. Rasika Bhalake Principal, Matoshri Institute, Yeola	Nominee from Alumni
8.	Mr Yogesh Jadhav CEO, Blyners Pharmaceuticals Ltd.	Nominee from Employers
9.	Mr. Kartik Nehe Student	Nominee from Student
10.	Dr. Vasant V. Vikhe Parent Representative	Nominee from Stakeholder
11.	Dr. Suhas S. Siddheshwar Professor, Pharmaceutics	Teacher Member
12.	Dr. Sunayana R. Vikhe Associate Professor, Pharmacognosy	Teacher Member
13.	Dr. Mayur S Bhosale Assistant Professor, Pharma-chemistry	Teacher Member
14.	Mr. Rajendra Tambe Establishment Section	Administrative member
15.	Dr. Santosh B. Dighe HOD, Pharmacology	Coordinator





PRAVARA RURAL EDUCATION SOCIETY'S
PRAVARA RURAL COLLEGE
OF PHARMACY
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MINUTES INTERNAL QUALITY ASSURANCE CELL (IQAC)

Meeting: 2022-2023/ 11

Date: 22 May, 2023

Time: 11.00 am

Venue : Board Room, Pravara Rural College of Pharmacy, Loni.

SCHEDULE OF THE MEETING

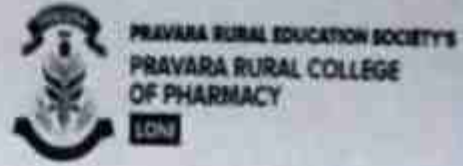
Sr.No	Time	Particular	Venue
1.	11.00 am onwards	Arrival of IQAC member and special invitee	Board Room, PRCOP
2.	11.00-11.05 am	Welcome of IQAC Members by the principal	Board Room, PRCOP
3.	11.05-11.10 am	Proposing agenda of the meeting for discussion	
4.	11.10-12.00 pm	Presentation on agenda of the meeting	
5.	12.00-12.05pm	Vote of thanks	
6.		National anthem	
7.	12.05-12.30 pm	High tea	Food court




Dr. Sanjay Bhawar

Principal and Member of secretary

Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar.



**MINUTES INTERNAL QUALITY ASSURANCE CELL (IQAC)
Meeting: 2022-23/ 11**

Date: 22 May 2023

Time: 11.00 am

Venue: Board Room, Pravara Rural College of Pharmacy, Loni.

Agenda for the meeting

No.	Particulars
1.	To read and approve minutes of the last meeting and action taken report
2.	To review the compliance of activity and academic calendar of even semester, AY 2022-23 and propose suitable measures to sustain and enhance academic quality.
3.	To revise and approve feedback policy on curriculum from AY 2022-23
4.	To consider and approve report on student training and placement activities.
5.	To consider the report of research, attended seminar/ webinar/conference/ training programme / workshop / value added courses/ FDP
6.	Any other matter with the permission of chair




Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar



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Dr. Sanjay Bhawar welcomed all the members and read the agenda of the meeting. Agenda was taken up for discussion-

Agenda No. 1. To read and approve minutes of the last meeting and action taken report	Presenter:- Dr. Sanjay Bhawar
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Dr. Sanjay Bhawar briefed the members on last MOM which have been sent to the members.

Conclusion/ Suggestion: - The report of last IQAC ATR for the A.Y 2022-2023 is accepted and approved by IQAC

Agenda No. 2. To review the compliance of activity and academic calendar of even semester, AY 2022-23 and propose suitable measures to sustain and enhance academic quality.	Presenter:- Dr. Sunaina R. Vikhe
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Mrs. Sunaina R. Vikhe briefed the members that

- i) Academic and activity calendar for academic year 2023-24 is prepared as per policy document and ready for discussion and approval of IQAC

No.	Name of the Event	Target Date/Week
1.	Commencement of classes [D- Pharmacy]	I nd D Pharmacy - 01/08/2023 (Tentative) II nd D Pharmacy - 24/07/2023
2.	Student Feedback	After 30 days of commencement of classes
3.	1 st Internal Assessment / Sessional Examination	After 55 days of commencement of classes (2 nd Week of October 2023)
4.	2 nd Internal Assessment/ Sessional Examination	After 110 days of commencement of classes (2 nd Week of January 2024)
5.	3 rd Internal Assessment/ Sessional Examination	After 165 days of commencement of classes (Last Week of March 2024)
6.	Display & Freezing of IA / Sessional Marks	10 days after Sessional Examination
7.	Student Feedback	Exit feedback of Final year students
8.	Last instruction day	I nd D Pharmacy - 02/05/2024 (Tentative) II nd D Pharmacy - 02/05/2024
9.	University Examination (MSBTE)	I nd D Pharmacy - 13/05/2024 (Tentative) II nd D Pharmacy - 13/05/2024
10.	Vacation	01/06/2024 - 30/06/2024





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ACADEMIC CALENDAR- B Pharmacy 2023-24

No	Name of the Event	Target Date/Week
1.	Commencement of classes [ODD SEM]	I B Pharm (1 st Sem) -04 /09/2023 (Tentative) II B Pharm (3 rd Sem) - 04 /09/2023 III B Pharm (5 th Sem) - 12/07/2023 IV B Pharm (7 th Sem) - 12/07/2023
2.	Student Feedback	After 30 days of commencement of classes
3.	1 st Internal Assessment / Sessional Examination	After 40 days of commencement of classes
4.	2 nd Internal Assessment/ Sessional Examination	After 80 days of commencement of classes
5.	Display & Freezing of IA / Sessional Marks	10 days after Sessional Examination
6.	Last instruction day	I B Pharm (1 st Sem) -30/12/2023 (Tentative) II B Pharm (3 rd Sem) - 30/12/2023 III B Pharm (5 th Sem) - 04/11/2023 IV B Pharm (7 th Sem) - 04/11/2023
7.	University Odd Semester Examination	I B Pharm (1 st Sem) -05/01/2024 (Tentative) II B Pharm (3 rd Sem) - 05/01/2024 (Tentative) III B Pharm (5 th Sem) - 28/11/2023 (Tentative) IV B Pharm (7 th Sem) - 28/11/2023 (Tentative)
8.	Midterm Vacation	15 - 20 days after conclusion of University Examinations
9.	Commencement of Classes [EVEN SEM]	I B Pharm (2 nd Sem) -15 /01/2024 (Tentative) II B Pharm (4 th Sem) - 15 /01/2024 III B Pharm (6 th Sem) - 26/12/2023 IV B Pharm (8 th Sem) - 26/12/2023
10.	1 st Internal Assessment / Sessional Examination	After 40 days of commencement of classes
11.	2 nd Internal Assessment/ Sessional Examination	After 80 days of commencement of classes
12.	Display & Freezing of IA / Sessional Marks	10 days after Sessional Examination
13.	Student Feedback	Exit feedback of Final year students
14.	Last instruction day	I B Pharm (2 nd Sem) -30 /05/2024 (Tentative) II B Pharm (4 th Sem) - 30 /05/2024 III B Pharm (6 th Sem) - 04/05/2024





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		IV B Pharm (8 th Sem) – 04/05/2024
15.	University Even Semester Examination	I B Pharm (2 nd Sem) – 05 /06/2024 (Tentative) II B Pharm (4 th Sem) – 05 /06/2024 (Tentative) III B Pharm (6 th Sem) – 13/05/2024 (Tentative) IV B Pharm (8 th Sem) – 13/05/2024 (Tentative)
16.	Annual Vacation	15 - 20 days after conclusion of University Examinations

ACADEMIC CALENDAR - PHARM.D.2023-24

No.	Name of the Event	Target Date/Week
1.	Commencement of classes	First year Pharm. D. (first Week of September) Second Year Pharm.D. (Second week of August)
2.	Student Feedback	After 30 days of commencement of classes
3.	1 st Internal Assessment / Sessional Examination	First year Pharm. D. (third week of September) Second Year Pharm. D.(second week of October)
4.	2 nd Internal Assessment/ Sessional Examination	First year Pharm.D. (Second week of December) Second Year Pharm.D.(Third week of December)
5.	3 Internal Assessment/ Sessional Examination	First year Pharm.D.(Third week of feb) Second Year Pharm.D.(Last week of feb)
6.	Display & Freezing of IA / Sessional Marks	10 days after Sessional Examination
7.	Student Feedback	Exit feedback of Final year students
8.	Last instruction day	First year Pharm.D.–30/03/2024 (Tentative) Second Year Pharm.D.– 30/03/2024(Tentative)
9.	Annual university examination	First year Pharm.D.–(Second week of April) (Tentative) Second Year Pharm.D.– (second week of April) (Tentative)
10.	Annual Vacation	15 - 20 days after conclusion of University Examinations





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ACADEMIC CALENDAR - M. Pharmacy 2023-24

No.	Name of the Event	Target Date/Week
1.	Commencement of classes [ODD SEM]	I M Pharm (1 st Sem) -01/09/2023 (Tentative) II M Pharm (3 rd Sem) - 04/09/2023
2.	Student Feedback	After 30 days of commencement of classes
3.	1 st Internal Assessment / Sessional Examination	After 40 days of commencement of classes
4.	2 nd Internal Assessment/ Sessional Examination	After 80 days of commencement of classes
5.	Display & Freezing of IA / Sessional Marks	10 days after Sessional Examination
6.	Last instruction day	I M Pharm (1 st Sem) -30/12/2023 (Tentative) II M Pharm (3 rd Sem) - 30/12/2023
7.	University Odd Semester Examination	I M Pharm (1 st Sem) -05/01/2024 (Tentative) II M Pharm (3 rd Sem) - 05/01/2024
8.	Midterm Vacation	17/01/2024- 06/02/2024
9.	Commencement of Classes [EVEN SEM]	I M Pharm (2 nd Sem) -16 /01/2024 (Tentative) II M Pharm (4 th Sem) - 07/02/2024
10.	1 st Internal Assessment / Sessional Examination	After 40 days of commencement of classes
11.	2 nd Internal Assessment/ Sessional Examination	After 80 days of commencement of classes
12.	Display & Freezing of IA / Sessional Marks	10 days after Sessional Examination
13.	Student Feedback	Exit feedback of Final year students
14.	Last instruction day	I M Pharm (2 nd Sem) -30 /05/2024 (Tentative) II M Pharm (4 th Sem) - 05 /06/2024
15.	University Even Semester Examination	I M Pharm (2 nd Sem) -05 /06/2024 (Tentative) II M Pharm (4 th Sem) - 10/06/2024 (Tentative)
16.	Annual Vacation	06/06/2024 - 15/07/2024





PRAVARA RURAL EDUCATION SOCIETY'S
PRAVARA RURAL COLLEGE
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ACTIVITY CALENDAR 2023-24

Sr. No.	Date- Day	Name of the activity
1	June -2023	
	02- Friday	Anti-ragging committee meeting
	02-Friday	Library Committee Meeting
		Examination committee meeting
	06-Tuesday	World Environment Day celebration
	06-Tuesday	Shiv swarajya din celebration
	08- Thursday	Student council meeting
	08- Thursday	Affiliation cell meeting
	09 - Friday	Admission Committee meeting
	10-Saturday	College council and Academic Committee meeting
	15-Thursday	Cleaning & Tree Plantation Program celebration
	17-Saturday	NSS Meeting
	17- Saturday	Student welfare committee meeting
	17- Saturday	Innovation & incubation cell meeting
	19-Monday	Career guidance/Training placement cell meeting
	21- Wednesday	Yoga Day celebration (Yoga Training Program)
	24-Saturday	Alumni Cell Expert Lecture
26- Monday	Code of Conduct Meeting	
29-Thursday	National Sport Day celebration	
2	July-2023	
	S.Y.D – Pharmacy; Commencement of Classes (Last Week of September)	
	03-Monday	TPC Cell- GPAT / NIPER training Session Mr.Harshad Jadhav
	03- Monday	Equal Opportunity Meeting
	04-Tuesday	Death Anniversary of Swami Vivekananda celebration
	04-Tuesday	Orientation Of NSS Volunteers & Formation of NSS Committee
	05-Wednesday	IAEC meeting
		Career guidance/Training placement cell meeting
	06- Thursday	Programme Assessment Committee Meeting
	07-Friday	TPC Cell-Expert session by Mr. Sandip Jape
	08-Saturday	One Day seminar for NSS Volunteers
	08- Saturday	Alumni Cell Meeting
	08-Saturday	College council and Academic Committee meeting
08-Saturday	Alumni Cell Expert Lecture	
12 - Wednesday	Commencement of Third Year B Pharm 5 th Sem Classes	





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Sr. No.	Date- Day	Name of the activity
		Commencement of Final Year B Pharm 7 th Sem Classes
	17-Monday	celebration of Regular Activity in adopted Village
	22- Saturday	Alumni Cell Expert Lecture
	22- Saturday	College Development Cell Meeting Governing Body meeting
	22-Saturday	Hostel committee meeting
	22-Saturday	Industry and Institute interaction cell meeting
	23-Sunday	Birth Anniversary of Bal Gangadhar Tilak celebration
	29- Saturday	Department Advisory Board meeting
		August-2023
		F.Y.D – Pharmacy; Commencement of Classes (First Week of September)
		S.Y.Pharm.D: Commencement of Classes (First Week of September)
3	01-Tuesday To 15- Tuesday	Cleaning Drive under SPPU Swachhata pakhada
	01-Tuesday	Death Anniversary Bal Gangadhar Tilak
	02-Wednesday	Anti-ragging committee meeting
	04-Friday	Website Committee meeting
	08-Tuesday	Student council meeting
	08-Tuesday	Affiliation cell meeting
	08- Tuesday	Sport and extracurricular activity committee meeting
	09- Wednesday	Admission Committee meeting
	12-Saturday	College council and Academic Committee meeting
	12- Saturday	Alumni Cell Expert Lecture
	15- Tuesday	Independence day celebration
	17-Thursday	Student welfare committee
	17-Thursday	Innovation & incubation cell meeting
	17-Thursday	Research committee meeting
	17-Thursday	Student welfare committee meeting
	18-Friday	TPC Cell- Expert lecture to T.Y.B.and Final Y.B.Pharm student Dr. Punit rachh
	18-Friday	Career guidance/Training placement cell meeting
	20-Sunday	TPC Cell- Industrial visit of S.Y.B.Pharm Premium Serum, Narayangaon
	21-Monday	Majhi Vasundhara Abhiyan celebration
	22-Tuesday	Registration of NSS Volunteers for regular activity and Special Camp
	22-Tuesday	TPC Cell- Industrial visit of T.Y.B.Pharm at Sinnar Reve Pharma





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	22-Tuesday	Student Development/ Welfare Committee Skill & Entrepreneurship Development cell meeting
	25- Friday	TPC Cell- Industrial visit of Final .Y.B.Pharm at Genome Biotech, Sinnar
	25- Friday	Women Empowerment Cell Meeting
	26- Saturday	Alumni Cell Expert Lecture
	26-Saturday	Hostel committee meeting
	26-Saturday	IQAC Meeting
	28-Monday	TPC Cell- GPAT / NIPER training Session by Dr. Machhindra Bohare
	29-Tuesday	DIC meeting
	29- Tuesday	Birth Anniversary Vitthalrao Vikhe Patil celebration
	29-Tuesday	National Sport Day celebration
	30- Wednesday	TPC Cell- Training session by Vidisha Lab
	30-Wednesday	Grievance Redressal Cell Meeting
	31-Thrusday	Annual Planning Meeting On NSS Program
	September-2023	
	F.Y.Pharm.D: Commencement of Classes (First Week of September)	
	M Pharmacy: Commencement of Classes (1st 3rd Sem)	
	B Pharmacy: 1st Internal Assesment/ Sessional Examination [5th 7th Sem]	
4	Pharm.D: 1st Internal Assesment/ Sessional Examination [Ist Year Pharm.D]	
	01-Friday	Blood Donation Camp Examination committee meeting
	04- Monday	TPC Cell- GPAT / NIPER training Session Dr.Nazma Inamdar
	04- Monday	Commencement of First Year B Pharm 1 st Classes [Tentative] Commencement of Second Year B Pharm 3 rd Classes
	05-Tuesday	IAEC meeting
	05-Tuesday	Library Committee Meeting
	05- Tuesday	Teachers Day
	05- Tuesday	Internal Complaints Committee Meeting
	07-Thursday	TPC Cell-Expert session by Mr.Yogesh Jadhav
	09-Saturday	College council and Academic Committee meeting
	09- Saturday	Alumni Cell Expert Lecture
	11-Monday	Expert lecture Mr.Mahesh Bihani
	11-Monday	Equal Opportunity Meeting
	12-Tuesday	Examination Committee Meeting
	14-Thursday	Workshop on Pharmacovigilance Kite-Ai





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	14- Thursday	Expert lecture Manoj Chitnis
	14- Thursday	Road Safety Program With help of Traffic police Department Loni
	16- Saturday	Hospital Visit PMT, Loni
	18- Monday	GPAT training Mr.Pratap Pawar
	19- Tuesday to 28 Thursday	Cultural Dept - Ganapati Festival celebration
	21- Thursday	IPR workshop Bosum IP
	23- Saturday	Alumni Cell Expert Lecture
	23- Saturday	NSS day & Dental Checkup camp
	25- Monday	celebration of World Pharmacist day & Health Checkup Plan
	29- Friday	celebration of World Heart Day and BMI Checkup
	29- Friday	Clinical Trails workshop Elite Pharma
	October-2023	
	D Pharmacy: 1st Internal Assesment/ Sessional Examination [Ist & IInd Year D Pharm]	
	Pharm.D: 1st Internal Assesment/ Sessional Examination [IInd Year Pharm.D]	
	02- Monday	TPC Cell- Soft skill Training by GTI Foundation
	02- Monday	Mahatma Gandhi jayanti and Cleaning Program
	03- Tuesday	Student council meeting
	04- Wednesday	Student welfare committee meeting
	05- Thursday	TPC Cell-Expert session by Mr.Jayant Mandke
	06- Friday	Rain Water Harvesting program celebration
	07- Saturday	Student Mentoring Committee meeting
5	09- Monday	Seminar / workshop by Pharmacology Department
	10- Tuesday	GPAT / NIPER training Session Mr.Sachin Jadhav
	14- Saturday	Expert session Mrs.Anjali Katariya
	14- Saturday	College council and Academic Committee meeting
	14- Saturday	Alumni Cell Expert Lecture
	20- Friday	TPC Cell- Expert session by Mr.Nitin Aher
	21- Saturday	Hostel committee meeting
	25- Wednesday	TPC Cell- Expert session by Mr.Shivprasad Khose
	27- Friday	TPC Cell- Training session by CLINI INDIA
	28- Saturday	Alumni Cell Expert Lecture
	November-2023	
	B Pharmacy: 1st Internal Assesment/ Sessional Examination [1st & 3rd Sem]	
	B Pharmacy: 2nd Internal Assesment/ Sessional Examination [5th & 7th Sem]	
6	03- Friday	Swaccha - Wari Nirmal Wari Ralley celebration
	03- Friday	TPC Cell- Ope day workshop by Shodh Advantech





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02-Thursday To 04 Saturday	Cultural Dept- Induction Day program (B.Pharm & M.Pharm)
06-Monday	TPC Cell- Expert session by Mr.Ganesh Waghule
07-Tuesday	Sports & Extracurricular activity Committee meeting
08-Wednesday	Antiragging Committee/Antiragging squad
09-Thursday	Parents Meeting
10-Friday	TPC Cell- Workshop on Research Methodology Dr.AbhayGandhi
11- Saturday	Quiz and Debate Competition College council and Academic Committee meeting
14-Tuesday	Examination committee meeting
15-Wednesday	TPC Cell- Training Session by Rubicon India
15-Wednesday	Research Committee (Promotion & Evaluation) meeting
15-Wednesday	Innovation & Incubation Cell meeting
16-Thursday	Second Progress review presentation & Journal club of M.Pharm students
18-Saturday	Seminar / workshop by Pharmaceutics Department
20-Monday	TPC Cell- GPAT training session by Mr.Vikrant Dhamak
21-Tuesday To 25- Saturday	F.Y.S.Y. T.Y.& Final Y.B.Pharm Second Practical continuous assessment examination
23- Thursday	Debate and Quiz Competition
24-Friday	Fresher's party (Genesis) celebration
25- Saturday	Alumni Cell Expert Lecture
25-Saturday	Competative exam workshop Akshay Study circle
27- Monday	Indian Constitution Day celebration (Guest Lecture)
28- Tuesday	Death Anniversary Mahatma Jyotirao Phule celebration
28- Tuesday	University Odd Sem Exam [5 th and 7 th Sem]
28-Tuesday	IQAC meeting
December-2023	
7	B Pharmacy: 2 nd Internal Assesment/ Sessional Examination [1 st & 3 rd Sem] Pharm.D: II nd Internal Assesment/ Sessional Examination [I st & II nd Year Pharm.D]





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01-Friday	World AIDS Day, Health Awareness Activity Examination committee meeting
02-Saturday	Odd semester SPPU Semester Theory & Practical Exam
04- Monday	Equal Opportunity Meeting
6- Wednesday	Death Anniversary Dr. babasaheb Ambedkar celebration
09- Saturday	Tracking & Cleaning act Dudheshwar temple
09- Saturday	Alumni Cell Expert Lecture
09-Saturday	College council and Academic Committee meeting
09-Saturday	Library Committee Meeting
11- Monday	NSS Meeting on Special Camp
12-Tuesday	Student council meeting Skill & Entrepreneurship Development cell meeting
12-Tuesday	Student Development/ Welfare Committee
15-Friday	Purchase committee meeting
18- Monday to 24- Sunday	NSS Special Camp at Durgapur
19-Tuesday	Death Anniversary Mahatma Gandhi celebration
19-Tuesday	Student welfare committee meeting
23- Saturday	Alumni Cell Expert Lecture
23- Saturday	Hostel committee meeting
26- Tuesday	Commencement of Even Sem Classes [6 th & 8 th SEM]
26- Tuesday	NSS Meeting on Special Camp
27-Wednesday	Affiliations Cell Meeting





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	30- Saturday	Death Anniversary Balasaheb Vikhe patil celebration
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Conclusion/ Suggestion:- The academic and activity calendar for the Academic year 2023-24 is accepted and approved by the IQAC

Agenda No. 3 To revise and approve feedback policy on curriculum from AY 2022-23	Presenter:- Mrs. Sunaina R. Vikhe
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Mrs. Sunaina R. Vikhe briefed the members that academic feedback was collected through online and offline mode

The feedback was collected, analyzed discussed for appropriate action.

Feedback Mechanism and Sample Feedbacks

FEEDBACK MECHANISM

- Pravara rural college of Pharmacy, Loni, has established different feedback systems where output is returned (Feedback is fed-back) to modify the next action.
- Feedbacks are essential for working and survival of education systems.
- Feedback is importance parameter for performance review of faculty.
- Giving and receiving feedback is a delicate process, there's no doubting its value in helping to identify issues and solve them.
- PRCOP manage feedback in a positive way so that it does what it's intended to do: Help improve and grow our quality.
- Taking the feedbacks is Boosting Our Staff's Confidence and Ability. When done in the right way and with the right intentions, feedback leads to outstanding performance.
- Employees have to know whether they are doing well or not. For them to really hear your thoughts and suggestions on ways to improve, though, that feedback has to be delivered carefully and frequently.
- Instead designing descriptive/ narrative feedbacks formats, we have designed specific formats with grades/marks. It helps to analyze the feedback and to take further actions for negative points.





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Flow-chart for the Feedback Mechanism is as below:



A) Nature of Feedback

Following feedbacks are collected from respective stakeholders:

Sr. No	Stakeholder	Nature Of Feedback	Reason For Feedback
1.	Students	a) Curriculum	To provide suggestions for upgrading the syllabus.
		b) Infrastructure and Facilities	To evaluate the facilities available and to upgrade them as per student requirement.
		c) Teaching learning	To check effective implementation and transaction of curriculum.
2.	Teachers	Curriculum	To provide suggestions for Technical up-gradation of syllabus.
3.	Alumni	Curriculum as well as facilities available	To provide suggestions for Technical up-gradation of syllabus and to review existing facilities.
4.	Employers	Curriculum and skills	To provide suggestions for Technical up-gradation of syllabus and to review skills imparted during course in the alumnus.
5.	Parents	facilities and student support	To evaluate ourselves for the delivery of education as well as facilities and student support.





B) Different Stakeholders for Feedback:

We have set-up mechanism for collection of Feedbacks from different stakeholders, such as

- a) Students
- b) Teachers
- c) Alumni
- d) Employers
- e) Parents

Feedbacks are collected on the scale of Excellent, Good, Average and Poor.

a) Students:

- ✓ Students are the immediate mirror for teaching and learning process carried out in the college. So, to improve the teaching quality, teacher's performance, College facilities and syllabus inputs, different feedback formats for students are designed.
- ✓ Frequency of feedback depends upon the nature of feedback. Feedbacks related to the infrastructure and syllabi are taken once in year. While feedback related to transaction of syllabus i.e. Teaching-Learning process are taken twice in year.
- ✓ Our brain learns best by being caught in action. If we take feedback from students after completing the semester, they may not represent the issues/ problems observed during the last session.
- ✓ Also, if any staff is told that his or her performance is average, after completing the semester, he or she usually can't grasp the changes needed in order to change direction. So for productive results, feedbacks related to teaching are taken twice in every semester, which helps to take suitable corrective measures for improvement in teaching activities.
- ✓ Logic in defining the feedback formats and frequency of feedback is depending on coverage of syllabi and content of the same.

Formats of different student feedbacks collected are as follows:

STUDENT FEEDBACK FORMS

I. College Infrastructure Facilities (please tick in appropriate box)

Name of student:

Class:

Semester /annual:

Sr. No.	Particulars	Excellent	Good	Average	Poor
1.	College Campus				
2.	College campus cleanliness				
3.	Lab facilities				
4.	Faculty				
5.	Library				
6.	Canteen facilities				
7.	Drinking water facilities				
8.	Hostel facilities				
9.	Computer and Internet facilities				
10.	Sports and Cultural facilities				





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11.	Classrooms				
12.	Training and placement cell				

Any Other suggestions:.....

ii. Curriculum/Syllabus (Please tick in appropriate box)

Name of student:

Class:

Semester/annual:

Course exit Survey Questionnaire on Course Outcomes (Cos)

Course Name and code:

Dear student,

"Your considered feedback on the course will be of great value to the concerned Teacher and to the department in enhancing the quality of learning. Thank you for your quality time."

Note- Mark (✓) against each question on a scale of 1 to 3

1: Poor 2: Average 3: Good

Questionnaire	Rating (1-3)- Please tick ✓		
	1	2	3
Overall view			
1. Rate the Course in General			
2. Rate the Course Content			
3. Rate the Teacher with reference to this course			
Course Organization			
4. Internal Tests – Coverage of COs			
5. Internal Tests – Time Allowed			
6. Quality of Quizzes			
7. Quality of MCQs			
8. Quality of Assignments			
Interaction with Teacher			
9. Positive interaction between students and Teacher existed.			
10. Students were always allowed to interrupt the Teacher to seek clarifications.			
11. Classroom discussions were encouraged and well moderated.			
12. Required learning resources were easily available.			
Course outcomes (CO's)			
13. Course Outcomes were discussed at the beginning.			
14. Course Outcomes were clear.			
15. How confident are you regarding the competencies expected from you?			
16. Instructional activities helped in the attainment of the COs.			
17. Time devoted to each CO was quite adequate.			
18. Assessments were relevant to the stated COs.			
19. My understanding of this course has helped me to take next course			
20. My ability to identify and solve problems related in practicing pharmaceutical science has increased.			

Any other suggestions (What you liked most about the course? What you think can be done to





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improve the course?)

iii. Teaching-Learning (Transaction of Syllabus):

Name of student:

Class:

Semester/annual:

Sr. No	Name of Faculty	Parameters							
		Subject taught: -							
1.		Proficiency of subject							
2.		Presentation Skill							
3.		Regularity in conducting lecture							
4.		Responsiveness and interaction with students							
5.		The quality of lecture material and teaching aid							
6.		Example of practical applications pertaining to the topic covered							
7.		Conduct of periodical test							
8.		Attendance of students in lecture							
9.		Overall control in class							
10.		Assessment of homework							
11.		Communication in English							
12.		Syllabus coverage							
13.		Overall satisfaction with faculty							
			Rating Scale = Excellent=4, Good=3, Satisfactory=2, Unsatisfactory=1.						

Any other comments

Though frequency of formal feedbacks is defined; informal, simple feedback mechanism also exists. Mentors are in continuous touch with their respective mentee. Suggestions and corrections, if any, observed in mentee meetings, are informed to respective responsible persons or departments and corrective actions are taken.

b) Teachers:

- ✓ Subject teachers are the expertise stakeholders dealing with that respective subject.
- ✓ Few attend meetings of Syllabus revision held by Savitribai Phule Pune University.
- ✓ So having curriculum feedback from teachers is important and helpful. Frequency for our teacher's feedback collection is once in a year.

Format of Teacher's Feedback on Curriculum/Syllabus are as follows:

Teacher's Feedback on Curriculum (Please Tick):

Name of Teacher:

Name of Department:





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SrNo	Name of Subject	Response		
		Yes	No	Neutral
0	Questionnaire			
1	Course objectives clear to you			
2	Course workload manageable			
3	Balance between theory and laboratory work			
4	Evaluation scheme designed for course is appropriate			
5	The syllabi possess job skills			
6	Course expose to new knowledge and practices			
7	Are the Departmental courses distributed evenly in semesters(Odd and Even)			
8	Availability of resources in library			
9	The books prescribed/listed as reference materials are relevant, updated and appropriate.			
10	Allotted time to complete the syllabus is sufficient			

Any other suggestion(s):

c)

d) Alumni:

- ✓ Alumni are the mirror of every institution. So considering their feedbacks is an essential practice and a very important assessment tool.
- ✓ Alumni feedback helps to take corrective measures in improvement of institutional facilities as well as teaching. Alumni feedbacks are collected once in a year.

Format of Alumni Feedback is as follows:

Alumni's Feedback (Please Tick):

Name of Alumni:

Mobile no:

Email id:

Feedback is collected on rating of Excellent, Good, Average and Poor

SrN	Parameters	Response			
		Excellent	Good	Average	Poor
1	Rate the curriculum for acquiring professional skills And knowledge required for employability				
2	Rate the curriculum for creating interest among the students to pursue post-graduation/Research/Higher studies				
3	Rate the curriculum for practical/skill based learning.				





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4	Rate the curriculum for inculcating attributes such as personality development/communication and soft Skills development				
5	Rate the curriculum for addressing cross cutting issues Relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics				
6	Rate the curriculum for supporting cocurricular and Extracurricular activities				

Any other suggestion(s):.....

c) **Employers:**

- ✓ Graduates of our College are working in different organizations. So employer's feedbacks are representation of their expectations from the curriculum and the institution.
- ✓ These feedbacks also represent the skills needed in the alumni.
- ✓ Further focusing on the employer's requisites and imposing the skill is going to help for increasing the placement ratio of our college. Employer feedback frequency is once per year.

Format of Employers Feedback on Curriculum/Syllabus is as below:

Employer's Feedback on curriculum (Please Tick):

Name of Employer:

Designation of the employer:

Mobile No of employer:

Name of Organization:

Name of Employee:

Feedback is collected on rating scale of Excellent, Good, Average, Poor

SrN	Parameters	Response			
		Excellent	Good	Average	Poor
1	Rate the knowledge and Professional skills of the Employee				
2	Rate the ability of the employee to contribute towards the Goals of the organization				
3	Rate Leadership and management qualities of the Employee				
4	Rate the Employee Relationship with seniors/peers/subordinates				
5	Rate the creativity and innovativeness shown at work Place by the employee				
6	Rate the communication and soft skills of the employee				
7	Rate the readiness of the employee to work beyond Schedule if required				





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8	Rate the curriculum for overall development of the Students				
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Any other suggestion(s):.....

f) **Parents:**

- ✓ By sharing parent's views, parents provide useful insights for the college.
- ✓ If any Issues are observed in college facilities, students may not represent it properly.
- ✓ Parents who get involved take a greater role in their ward's education and activities, which leads student do better academically as well as socially.
- ✓ Also taking parent feedback makes them feel involved in college and may solicit other good ideas and suggestions from them.
- ✓ Feedback are collected during parent meet to evaluate attributes like student academic development, teaching performance, infrastructure facilities, co-curricular, extracurricular activities etc.

Parent's feedbacks are collected during Parent meet.

Format of Parents Feedback is as follows:

PARENTS MEET FEEDBACK FORM

Name of Parent:
 Name of Student:
 Class of Student:
 Mobile no. of parent:
 Address:

Sr.no	Parameter	Excellent	Very good	Good	Average
1.	Institutional discipline and culture				
2.	Infrastructure facilities				
3.	Communication from college about process of admission?				
4.	Career guidance and placement				
5.	How do you rate our college?				

Please give your valuable suggestions for improvement of Institute.....





C) Feedback Analysis and Action thereof:

We are taking feedback on the scale of satisfaction level. Steps in analysis of feedback are as below:

- a) To collect the feedback.
- b) To categorize the feedbacks and to collect all suggestions received.
- c) Look at root causes.
- d) IQAC takes action for the faculty related feedbacks.
- e) Administrative issues, if any, are brought in notice to Principal and corrected in CDC meetings.
- f) Strategic issues, if any, are put into Governing Body meetings and suitable corrective measures are taken accordingly.
- g) Finally feedback analysis and their action taken reports are displayed on college website.

Conclusion/ Suggestion:- The Academic feedback with action taken report for even semester was approved and appreciated by committee member.





Agenda No. 4. To consider and approve report on student training activities.

Presenter:-
Mr. Someshwar
Mankar

Dr. Someshwar Mankar briefed the members on student monitoring system for the academic year 2022-23 that

Training/ Workshops: 2023

No.	Activities / Event Name	Date /Day	Name of company with Address	Name of experts	Stack holder (student participate) Branch, Year,	No of Students Participated	Outcome of Event
1.	Seminar on Patents, Innovations and Pharmaceutical Industry	27.01.2023	IRA consultancy & Research Organization	Dr. Abhay Gandhi	B.Pharm/ M.Pharm	UG-& PG-118	Students should learn about various aspects of patents, Innovations & its Imp in P'ceutical Industry
2.	One Day workshop on GPAT & NIPER Preparation 2023	29.01.2023	Gov. College of Pharmacy	Dr. Nazma Inamdar	Third & Final Year B.Pharm	UG-108	Students should understand the tips and tricks to solve GPAT & NIPER Paper.
3.	Seminar on embedding research culture	01.02.2023	Sandip University	Dr. Ramdas Dolas	Final Year B.Pharm/ M.Pharm	UG-& PG-97	Students should learn about various aspects of research.
4.	"Webinar on Clinical Research, Pharmacovigilance and Clinical Data Management"	15.02.2023	Dysmech Clinical Services, Pune	Ms. Manjusha tribhuvan	Final Year B.Pharm/ M.Pharm	UG-& PG-215	Students should learn about basics of clinical research and pharmacovigilance.

Conclusion/ Suggestion:- The Training and Placement report of even semester was approved by committee member.





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Agenda No. 5. To consider the report of research, attended seminar/ webinar/conference/ training programme / workshop / value added /FDP courses of staff.

**Presenter:-
Dr. Subas S
Siddheshwar**

1. The report of research and development cell for the year 2022-2023 is accepted and approved by member of IQAC.
2. The committee members appreciated the efforts taken by research and development cell for motivation of the staff in seminar, webinar, conference, training programme and workshop.

Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year

No	Name of teacher	Title of the program	Duration (from - to) (DD-MM-YYYY)	
1.	Godge Rahul Keshav	Manuscript Drafting and Research Proposal, Project Drafting for Funding Process"	21-12-2022	28-12-2022
2.	Bhor Rohit Jaysing	Novel Drug Delivery System	26/09/2022	30/09/2022
3.	Kolbe Mahesh Hari	Effective Presentation Skills	12-08-2022	12-08-2022
4.	Mhaske Manjusha Pandharinath	Effective research proposal and manuscript writing	2023-03-23	2023-03-25
5.	Mhaske Manjusha Pandharinath	Pharm D -A step towards better Healthcare	2023-03-11	2023-03-11
6.	Bornare Snehal Laxman	Pharm-D A step towards better healthcare	2023-03-11	2023-03-11
7.	Bhalerao Prajwali Deepak	New vistas of herbal and natural products: Indin context	2023-04-02	2023-04-03
8.	Vikhe Dattaprasad Navnath	Revisiting Different Facts of Phytochemistry	05-07-2022	09-07-2022
9.	Vikhe Dattaprasad Navnath	Nano Futherance of Pharmaceutical Engineering : An Industrial Perceive	21-06-2022	25-06-2022
10.	Vikhe Dattaprasad Navnath	Innovations in Therapeutic Drug Delivery System	13/06/2022	14/06/2022
11.	Vikhe Dattaprasad Navnath	Effective Presentation Skills	8-12-2022	8-12-2022
12.	Vikhe Dattaprasad Navnath	How to Develop Research Design	15/10/2022	15/10/2022





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13.	Vikhe Dattaprasad Navnath	ICT Tools and Innovative Teaching Techniques	29-12-2022	30-12-2022
14.	Vikhe Dattaprasad Navnath	International Conference on Innovation and Advances in Pharmaceutical Sciences	10-02-2023	11-02-2023
15.	Vikhe Dattaprasad Navnath	Global Regulatory Challenges to Seek Approvals for ANDA's, Medical Devices, Herbals & Nutraceuticals	2-12-2022	4-12-2022
16.	Damre Gaurao Subhash	Medical Scientific and Regulatory Writing	09-08-2022	09-08-2022
17.	Bhose Vaibhav Vitthal	Medical Scientific and Regulatory Writing	09-08-2022	09-08-2022
18.	Mhaske Shubham Balasaheb	EFFECTIVE RESEARCH PROPOSAL AND MANUSCRIPT WRITING	2023-03-23	2023-03-25
19.	Mhaske Shubham Balasaheb	Exploring Spectroscopic and Chromatographic Techniques for Pharmaceutical	2023-04-23	2023-04-07
20.	Bhavar Hemlata Sanjay	novel approaches to drug design	14/10/2022	14/10/2022
21.	Bhavar Hemlata Sanjay	Effective research proposal and manuscript writing	23/03/2023	25/03/2023
22.	Vikhe Sunayana Rahul	SNJBPharmaCon - 2022 "Global Regulatory Challenges to Seek Approvals for ANDAs, Medical Devices, Herbals and Nutraceuticals"	02-12-2022	04-12-2022
23.	Vikhe Sunayana Rahul	Effective Research Proposal And Manuscript Writing	23-03-2023	25-03-2023
24.	Vikhe Sunayana Rahul	Current Trends in Regulation and Export of Herbal Medicines	23-12-2022	23-12-2022
25.	Dighe Amol Sopanrao	OPPORTUNITIES IN PHARMACY AND RESEARCH	28-12-2022	28-12-2022
26.	Dighe Amol Sopanrao	recent innovation'A Holistic and Integrated Approach to pharmaceutical science	13/12/2022	19/12/2022
27.	Bhosale Mayur S	ICT TOOLS AND INNOVATIVE TECHNIQUE	2022-12-29	2022-12-30
28.	Bhosale Mayur S	Effective Presentation Skills	2022-08-22	2022-08-22
29.	Bhosale Mayur S	Novel Drug Delivery System	2022-09-26	2022-09-30





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30.	Bhosale Mayur S	RECENT PEDAGOGICAL TOOLS IN EDUCATION	2022-06-20	2022-06-24
31.	Bhosale Mayur S	"RESEARCH METHODOLOGY"	2022-12-12	2022-12-19
32.	Bhosale Mayur S	EFFECTIVE RESEARCH PROPOSAL AND MANUSCRIPT WRITING	23/03/2023	25/03/2023
33.	Mankar Someshwar Dattatraya	Recent Pedagogical tools in education for updating the knowledge of pharmaceutical Professionals	20.06.2022	24.06.2022
34.	Mankar Someshwar Dattatraya	Effective Presentation Skills	22.08.2022	22.08.2022
35.	Mankar Someshwar Dattatraya	Clinical Research -2023	13.02.2023	13.02.2023
36.	Mankar Someshwar Dattatraya	Intellectual Property rights and patents	17.02.2023	17.02.2023
37.	Mankar Someshwar Dattatraya	Industrial Training	20.02.2023	20.02.2023
38.	Mankar Someshwar Dattatraya	Medical,Scientific, and regulatory writing	08.09.2022	08.09.2022
39.	Mankar Someshwar Dattatraya	Recent Trends in herbal drug technology	14.09.2022	14.09.2022
40.	Mankar Someshwar Dattatraya	Effective research proposal and manuscript writing	23.03.2023	25.03.2023
41.	Mankar Someshwar Dattatraya	Research Methodology	12.12.2022	19.12.2022
42.	Mankar Someshwar Dattatraya	ICT tools and innovative teaching techniques	29.12.2022	30.12.2022
43.	Ghogare Rajashree Dadasaheb	Recent Innovation:A holistic & integrated approach to pharmaceutical science	23/09/2022	24/09/2022
44.	Ghogare Rajashree Dadasaheb	Laboratory animal management &breeding	1-10-2023	16/01/2023
45.	Ghogare Rajashree Dadasaheb	National Education Policy 2020 research and development cell	24-02-2023	25-02-2023
46.	Nirmal Tejal Sunil	Basics of Research	30-01-2023	01-02-2023
47.	Nirmal Tejal Sunil	Equipment Handling	20-02-2023	20-02-2023
48.	Nirmal Tejal Sunil	Commercial product developmentin academic institute	10-04-2023	10-04-2023
49.	Siddheshwar Suhas Shivaji	IP Awareness/Training program	09-01-2023	09-01-2023
50.	Siddheshwar Suhas Shivaji	Equipumnt Handling	20/02/2023	20/02/2023





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51.	Siddheshwar Suhas Shivaji	Effective Proposal and Manuscript Writing	23/03/2023	25/03/2023
52.	Siddheshwar Suhas Shivaji	ICT tools and Innovative Teaching Techniques	29/12/2022	30/12/2022
53.	Siddheshwar Suhas Shivaji	Importance of Drug Regulatory Affairs In Pharmaceutical Industry	13/4/2022	13/4/2022
54.	Siddheshwar Suhas Shivaji	Commercial Product Development in Academic Institute	04-10-2023	04-10-2023
55.	Gawali Payal Sopan	Opportunities in pharmacy and research	2022-12-28	2022-12-28
56.	Gawali Payal Sopan	Commercial product development in academic institute	2023-04-10	2023-04-10
57.	Dighe Santosh Bhausaheb	Avishkar-2022	13-09-2022	13-09-2022
58.	Dighe Santosh Bhausaheb	Honorary Animal welfare Officer	18-10-2022	19-10-2022
59.	Dighe Santosh Bhausaheb	Laboratory Animal Management and Breeding	10-01-2023	16-01-2023
60.	Dighe Santosh Bhausaheb	Industrial Training on Sophisticated Instrument	05-02-2023	05-02-2023
61.	Dighe Santosh Bhausaheb	world of clinical research and DIGITAL TECHNOLOGY	13-02-2023	13-02-2023
62.	Dighe Santosh Bhausaheb	State level poster competition	28-02-2023	28-02-2023
63.	Dighe Santosh Bhausaheb	Importance of Pharmacovigilance in healthcare system	10-05-2023	10-05-2023
64.	Dighe Santosh Bhausaheb	effective reserch protocol and manuscript writing	23-03-2023	25-03-2023
65.	Ghogare Rajashree Dadasaheb	NATIONAL NTELLECTUAL PROPERTY AWARENESS MISSION	17/04/2023	17/04/2023
66.	Vikhe Dattaprasad Navnath	Innovative Teaching & Learning Pedogogy	01-04-2023	08-04-2023
67.	Vikhe Dattaprasad Navnath	Commercial Product Development in Academic Institute	10-04-2023	10-04-2023
68.	Vikhe Dattaprasad Navnath	Immunefest 2023	28-04-2023	28-04-2023
69.	Vikhe Dattaprasad Navnath	National IPR awresness misstion	17-04-2023	17-04-2023



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70.	Vikhe Dattaprasad Navnath	World of Clinical Research and Digital Technology	13-02-2023	13-02-2023
71.	Vaibhav V Bhone	Immunefest 2023	28-04-2023	28-04-2023
72.	Vaibhav V Bhone	Commercial Product Development in Academic Institute	10-04-2023	10-04-2023
73.	Gaurav S Damre	Immunefest 2023	28-04-2023	28-04-2023
74.	Gaurav S Damre	Commercial Product Development in Academic Institute	10-04-2023	10-04-2023
75.	Mhaske Shubham Balasaheb	National Intellectual Property Awareness Mission	25-04-2023	25-04-2023
76.	Mhaske Shubham Balasaheb	outcome based education through student centric teaching learning Process	22-5-2023	26-5-2023
77.	Bhosale Mayur S	SPP NSS DEPT UNEMPLOYEE SURVY	12-04-2023	12-04-2023
78.	Bhosale Mayur S	RECENT TRENDS IN DRUG DISCOVERY AND DESIGN	30/03/2023	31/03/2023
79.	Bhosale Mayur S	APPLICATION OF ARTIFICIAL INTELLIGENCE IN PHARMACEUTICAL INDUSTRY AND DRUG DISCOVERY	23/04/2023	24/04/2023
80.	Mrs.Sonawane Manisha Dhondiram	Quality Teaching in HEI'S	20/4/2023	28/4/2023
81.	Ms. Pratibha Sudhakar Bhalerao	APPLICATION OF ARTIFICIAL INTELLIGENCE IN PHARMACEUTICAL INDUSTRY AND DRUG DISCOVERY	23/04/2023	24/04/2023
82.	Mr. Sanket tambe	APPLICATION OF ARTIFICIAL INTELLIGENCE IN PHARMACEUTICAL INDUSTRY AND DRUG DISCOVERY	23/04/2023	24/04/2023
83.	Mr. Mhaske Shubham Balasaheb	Application of Artificial Intelligence in Pharmaceutical Industry and drug Discovery	23/04/2023	24/04/2023
84.	Mr. Mhaske Shubham Balasaheb	Recents Trends Discovery and design	30/03/2023	31/04/2023
85.	Mr. Mhaske Shubham Balasaheb	Exploring spectroscoping and Chromatographic techniques for pharmaceuticals	04-03-2023	04-07-2023
86.	Mr. Mhaske Shubham Balasaheb	Effective reseach Proposal and Manuscript writing	23/03/2023	25/03/2023

Paper Publication





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Academic Year	Total No. Article	Review	Research	National	International	UGC	Scopus	WOS	Other/Google Scholar
2022-23	45	25	20	25	20	0	7	4	34

Patent/Book

	No. of Patents	Published	Granted	Indian	Other(German etc)	No. of Books	National	International	E book	Hard bound	No. of Trademark
2022-23	14	10	4	13	1	6	3	3	4	2	

Seminar/ Conference/ Presentation

Academic Year	Total No. of Presentation	Presented in seminar	Presented in conference	Online	Offline	Poster	Oral	National	International	State/college
2022-23	37	18	19	4	33	28	9	18	12	7

Conclusion/ Suggestion:- Committee appreciated the effort taken by Research and development cell and report has been accepted and approved

Agenda No. 6. To review on AQAR submission and compilation of files

**Presenter:-
Dr. Santosh B Dighe**

1. **Dr. Santosh B Dighe** presented IQAC regarding progress of AQAR submission for the year 2022-2023

Conclusion/ Suggestion:-

1. The committee recommended to compile the record Required for AQAR of year 2022-2023 and submit it within timeline.





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Agenda No. 8. Any other matter with the permission of chair

Presenter:-
Dr. Santosh B Dighe

Conclusion/ Suggestion:-

The Meeting of IQAC was concluded with vote of thanks proposed by Dr. Sanjay Bhawar to Hon. Chairman and all the members for their valuable contribution for the meet.

Dr. Santosh B Dighe
IQAC coordinator



Dr. Sanjay Bhawar
Principal
Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar

Copy to

1. IQAC file
2. Members of IQAC



STEPS AND PROCEDURE OF MONITORING THE CONDUCT OF ACADEMIC ACTIVITIES

DIRECTOR:

1. Disciplinary actions for noncompliance.
2. To suggest mechanisms for academic monitoring to ensure effective implementation of academic activities.



PRINCIPAL:

1. Actions to improve the compliance.
2. Discuss in IQAC meeting for the plans to improve the compliance.
3. To sign and verify if it is updated: Teachers daily dairy, attendance and coarse file.
4. To send monthly report of academic activities conducted to Director.



ACADEMIC DEAN:

1. To discuss on urgent basis with Principal and HOD for solution to the noncompliance.
2. To conduct monthly academic monitoring committee meeting and prepare monthly report of various programs for academic activities.
3. To present the above report during College council meeting for suitable action.
4. To suggest IQAC regarding plans for improving compliance of academic activities after discussing with HOD's.



PROGRAMME COORDINATOR:

1. Monitor and report Compliance / Non Compliance of daily academics.
2. Record the details of noncompliance and report the same immediately to Academic Dean and respective HOD.
3. Prepare and present report of monthly academics and student attendance in prescribed format.



CLASS TEACHER:

1. To monitor and report compliance of daily academics.
2. To arrange and document guest lectures / other academic activities as suggested by the Programme assessment committee in coordination with programme coordinator.
3. To collect the data of chronically absent students from subject teachers and report to the programme coordinator and mentor for counselling and informing the parents.
4. To identify slow learners and arrange Remedial classes.



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Ref. No:-PRCOP/ESTT/2023-24/ 01

Date: 11/07/23

OFFICE ORDER

The following staff members are informed that they have been appointed as a class teacher for Academic year 2023-24 with immediate effect as per following details.

Sr. No.	Programme	Class	Name of class teacher
1.	Diploma in	First Year	Mr. Shubham Mhaske
2.	Pharmacy	Second Year	Mrs. Sneha Vikhe
3.	B. Pharmacy	First Year	Mrs. Payal Gawali
4.		Second Year	Mrs. Kavita Dhamak
5.		Third Year	Miss. Snehal Bornare
6.		Final Year	Mrs. Manisha Sonawane
7.	Pharm D.	First Year	Dr. Vaibhav Bhone
8.		Second Year	Dr. Gaurao Damre

All are requested to follow the instructions given by Programme coordinator and Academic Dean regarding duties and responsibilities of class teachers.

Copy to:

- Academic dean
- Estt
- Personal file of faculty




PRINCIPAL

Principal
Pravara Rural College of Pharmacy
Pravaranagar, Tal. Rahata, Dist. Ahmednagar



ACADEMIC YEAR 2022-23 (EVEN SEMESTER)

ACADEMIC PROGRESS REPORT

(Th + 2 Batch Pe)

NAME OF THE STAFF: Ms. Rajashree D. Alugone, Ms. Pratiksha Bhalekar (3 Batch portion)

SUBJECT NAME: Human Anatomy and Physiology II

SUBJECT CODE (Theory): BP201T

PRESCRIBED NUMBER OF HOURS (Theory): 60 (45+15)

SUBJECT CODE (Practical): BP207P

PRESCRIBED NUMBER OF HOURS (Practical): 300



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Sr. No	Month	No. of theory conducted	% completion of syllabi	No. of practicals conducted	% completion of syllabi	Signature of Staff	Signature of Academic In charge	Remarks	Signature of Principal
1	May 2023	12	20%	04x5 ^{batch}	20%	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
2	June 2023	12	40%	04x ^{batch}	40%	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
3	July 2023	14	70%	03x ^{batch}	70%	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
4	August 2023	08	100%	04x ^{batch}	100%	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
5									
6									



**LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMABHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY**



CALENDER OF EVENTS

ACADEMIC YEAR - 2022-23



PRAVARA RURAL COLLEGE OF PHARMACY, PRAVARANAGAR

A/P- LONI, DISTRICT - AHMEDNAGAR (MH) 413736

Approved by AICTE & PCI (New Delhi)

Affiliated to Savitribai Phule Pune University, Pune

E-mail: principal.boharnloni@pravara.in

Website: <http://www.orcoo.in>

Phone No: - 02422(273526) Mob.9423787429



"We started with a handful of students under a thatched shed called Pravara Public School in 1964. But our story dates back to 1950 when the Pravara Cooperative Sugar Factory enabled prosperity for hitherto debt-ridden farmers. Pravara Rural Education Society took things to the next level by utilizing education for nation building, women empowerment, and integrated rural development. Today, our 42 thousand plus students and over 1 lakh alumni continue to carry forward our values to the world as we create synergy between the global and the local."

Hon'ble Namdar. Shri. Radhakrishna Vikhe Patil

Cabinet Minister Of Revenue, Animal Husbandry
& Dairy Development, Govt. Of Maharashtra
Chairman Lokneta Dr.balasaheb Vikhe Patil (padmabhushan Awardee)
Pravara Rural Education Society



VISION

To become a center of excellence in pharmaceutical education, training, research and continuous professional development of pharmacists in rural India.

MISSION

1. Our mission is to introduce excellence in Pharmacy education through quality education, infrastructure and learning resources to meet the needs of students in pursuit of knowledge.
2. To develop, promote and nurture research activities in pharmaceutical sciences
3. To make professionally competent and ethical pharmacists of international standard to cater the needs of rural to global healthcare.

GOALS

1. To educate and train pharmacists to cater for the needs of society.
2. To promote use of indigenous resources for pharmacy industry.
3. To create excellent research center at college to provide many innovative research methods to develop Institute-Industrial linkages.
4. To develop consortium for consultancy service in education, training, health care with reference to pharmacy profession.
5. To increase the global linkages by attracting international scientific forums for Collaborative educational programmes.

GOVERNING BODY

Sr. No.	Name	Designation
1	Hon. Shri. Radhakrishna Eknathrao Vikhe Patil Chairman, Pravara Rural Education Society	Chairman
2	Hon. Shri. Annasaheb Sarangdhar Mhaske Patil Trustee, PRES	Member
3	Hon. Shri Bhaskarrao N. Kharde Patil Director PRES Loni	Member
4	Hon. Shri. Kailas S. Tambe Patil Director PRES Loni	Member
5	Shri Bharat Ghogare, Joint Secretary, PRES	Member
6	Dr. Sambhaji Nalkar Chief Scientist, KVK Babhaleshwar	Member
7	Ex-officio Member	Nominee, All India Council for Technical Education (AICTE)- Regional officer
8	Nominee of affiliating University	Nominee of affiliating University- Savitribai Phule Pune University
9	Ex-officio Member	Nominee of the State Government- Director of Technical Education (DTE) (Ex-officio) represented by Joint Director DTE office, Nashik
10	Dr. B. M. Patil, Representative of Teacher	Member
11	Dr. Santosh B. Dighe, Representative of Teacher	Member
12	Mr. Chetan Patni	Managing Director at Kaytross ACG Lifesciences Ltd. Nashik
13	Dr. Rahul Kunkol	Director Research PIMS Loni
14	Dr. Suhas S. Siddheshwar, Representative of Teacher	Member
15	Dr. Sanjay B. Bhawar Principal, Pravara Rural College of Pharmacy, Loni	Member Secretary

COLLEGE DEVELOPMENT COMMITTEE

Sr.No.	Name	Designation
1	Hon. Shri Radhakrishna Vikhe Patil Chairman PRES Loni	Chairman
2	Shri Bharat V.Ghogare Patil Joint secretary PRES Loni	Member
3	Dr. Suhas S.Siddheshwar HOD, Pharmaceutics	Member
4	Dr. B.M.Patil Senior professor	Member
5	Dr. Someshwar D.Mankar Training and Placement Officer	Member
6	Mrs.Hemlata S.Bhawar HOD, Pharmaceutical Chemistry	Member
7	Mr. Ramakant A.Vikhe Non - Teaching Staff Representative	Member
8	Hon.Shri Bhaskarrao N.Kharde Patil Educationist, Director PRES Loni	Member
9	Dr.S.N.Hiremath Principal PRES COP(Diploma) Loni	Member
10	Dr.Sambhaji Nalkar Chief Scientist KVK Babeleshawar	Member
11	Mr. Prashant B.Gagare Entrepreneur and Alumnus	Member
12	Dr.Santosh B. Dighe IQAC Co-Ordinator	Member
13	Mr. Pratik Malwade Student Representative	Member
14	Mr. Vipul Karnjekar Student Representative	Member
15	Dr. Sanjay B.Bhawar	Principal & Member secretary

LIST OF COMMITTEES AND MEETINGS

Sr.No	Name of the committee/Cell	Convener	Date of Meeting
1	Academic/ Program Committee	Dr.S R Vikhe	Every month of 5 th
2	Admission Committee	Mr.D N Vikhe	17/3/23, 3/6/23
3	Affiliations Cell (SPPU/PCI/AICTE/DTE)	Dr.A P Patel	8/8/22, 27/12/22
4	Alumni Cell	Mrs.H.S Bhawar	8/8/22, 3/1/23
5	Antiragging Committee/Antiragging squad	Dr. R J Bhor	2/8/22, 8/11/22, 14/2/23, 16/5/23& As case arrives
6	Student Development/ Welfare Committee	Dr.RJ Bhor	17/8/22, 4/10/22 19/12/22, 15/2/23
7	Career Guidance /Training & Placement Cell	Dr.S D Mankar	18/8/22, 10/10/22 5/1/23,10/4/23
8	Sports & Extracurricular activity Committee	Dr.A P Patel	8/8/22, 7/1/23, 13/2/23, 16/5/23
9	Code of Conduct & Discipline Committee	Dr.S R Vikhe	3/10/22, 8/2/23& As case arrives
10	Skill & Entrepreneurship Development Cell	Mr.G S Shinde	2 2/8/22, 12/12/22
11	Student Council	Dr. R J Bhor	8/8/22, 3/10/22, 12/12/22, 13/2/23, 17/4/23
12	Examination Committee	Mr.AS Dighe	12/9/22, 14/11/22
13	Grievance Redressal Cell	Mr.S D Magar	30/8/22, 3/3/23& As case arrives
14	Hostel Committee	Mrs.S A Vikhe	13/8/22, 26/11/22, 28/1/23, 25/3/23& As case arrives
15	IAEC	Dr.S B Dighe	5/9/22, 15/2/23
16	Institute-Industry Interaction cell	Dr. S.D. Mankar	13/9/22, 24/1/23, 20/4/23

17	IQAC	Dr. S B Dighe	26/8/2022, 28/11/22 27/2/23, 31/5/23
18	Library Committee	Dr. R K Godage	2/6/22, 6/9/22, 9/12/22, 6/3/22
19	Purchase & Maintenance Committee	Mr. S D Magar	15/6/22 15/12/22
20	Student Mentoring Committee	Dr. R K Godage	7/10/22, 25/1/23, 28/3/23
21	Equal Opportunity Cell (SC/ST/OBC/Minority & Divyangans)	Mrs. H S Bhawar	18/8/22, 15/12/22
22	NSS	Mr. M S Bhosale	22/8/22, 14/10/22, 7/12/22, 17/3/23
23	Publicity Committee	Mr. D N Vikhe	1/7/22, 24/4/23
24	Women Empowerment Cell	Mrs. K V Dhamak	27/8/22, 25/2/23
25	Internal Complaints Committee & Antiharassment Squad	Mrs. K V Dhamak	24/12/22, 22/4/23
26	CDC	Dr. S B Bhawar	15/9/22, 11/1/23
27	GB	Dr. S B Bhawar	6/10/22, 8/2/23
28	Research Committee (Promotion & Evaluation)	Dr. S S Siddheshwar	17/8/22, 15/11/22, 28/1/23, 11/4/23
29	Innovation & Incubation Cell	Dr. S S Siddheshwar	17/8/22, 15/11/22, 13/2/23
30	DIC	Dr. S B Dighe	28/8/22, 23/1/23
31	Parent Teacher Association	Mrs. T S Nirmal	25/9/22, 16/2/23
32	Website Committee	Mr. M H Kolhe	12/8/22, 18/1/23
33	Scholarship Committee (Non- Government)	Mr. G S Shinde	13/9/22, 23/1/23

ACTIVITY CALENDAR 2022-23

August-2022

2-Tuesday	Anti-ragging committee meeting
5-Friday	NSS Cell -Selection of NSS volunteers
8-Monday	Student council meeting
8-Monday	Affiliation cell meeting
8-Monday	Sport and extracurricular activity committee meeting
12-Friday	Web site committee meeting
13-Saturday	Academic Committee meeting
13-Saturday	Hostel committee meeting
15-Monday	NSS Cell -Har Ghar Tiranga , cleaning drive & celebration of Independence day
17-Wednesday	Student welfare committee
17-Wednesday	Innovation & incubation cell meeting
17-Wednesday	Research committee meeting
18-Thursday	TPC Cell - Expert lecture to T.Y.B.and Final Y.B.Pharm student
18-Thursday	Career guidance/Training placement cell meeting
20-Saturday	TPC Cell - Industrial visit of S.Y.B.Pharm at SciTech Sinnar
22-Monday	TPC Cell - Industrial visit of T.Y.B.Pharm at Sahyadri Farms, Nashik
22-Monday	NSS cell meeting
25-Thursday	TPC Cell - Industrial visit of Final .Y.B.Pharm at Premium Serum, Narayangaon
26-Friday	IQAC Meeting
27-Saturday	Women Empowerment cell meeting
27-Saturday	TPC Cell - GPAT / NIPER training Session by Dr. Machhindra Bochare
29-Monday	DIC meeting
29-Monday	National Sport Day celebration
30-Tuesday	Grievance Redressal committee meeting
30-Tuesday	TPC Cell - Training session by IRA Research Consultancy
31-Wednesday To 6- Tuesday	Cultural Dept - Ganapati Festival celebration

September-2022

3-Saturday	TPC Cell - GPAT / NIPER training Session: Mr.Pratap Pawar
5-Monday	IAEC meeting
5-Monday	Blood donation camp
6-Tuesday	Library committee meeting
7-Wednesday	TPC Cell -Expert session by Dr. Rahul Kumar Garg
10-Saturday	Academic Committee meeting
10-Saturday	TPC Cell - Expert session by Mr. Vikrant Dhamak
12-Monday	Examination committee meeting
14-Wednesday	TPC Cell - Workshop on Pharmacovigilance by Kite-Ai
19- Monday	TPC Cell - NSS Awareness Rally "Road Safety Program" with Traffic Police Department, Loni
19- Monday To 23-Friday	S.Y. T.Y.& Final Y.B.Pharm first Practical continuous assessment examination
24-Saturday	First Progress review presentation of M. Pharm students
24-Saturday	Alumni Cell -Expert lecture by Alumni
26- Monday	TPC Cell - One Day Workshop for students. Lecture on "NSS and Personality Development". Essay Competition on NSS Day Celebration.
26- Monday To 30-Friday	S.Y. T.Y.& Final Y.B.Pharm first Theory continuous assement examination
29-Tuesday	NSS Cell -Body check-up program on occasion of World Heart day.
30-Friday	NSS Cell -Rain Water Harvesting Program in College Campus

October-2022

1-Saturday	TPC Cell - Soft skill Training by GITT Foundation
2-Sunday	NSS Cell - Gandhi Jayanti™ Communal Harmony Day & International Day of Non-Violence. Cleaning program in college campus. Quiz and Debate competition
3-Monday	Code of conduct meeting
3-Monday	Student council meeting
4-Tuesday	Student development committee meeting
5-Wednesday	TPC Cell -Expert session by Dr.Parivallal Padbnabhan
7-Friday	Student Mentoring Committee meeting
8-Saturday	Academic Committee meeting
8-Saturday	IQAC Cell -Seminar on molecular Docking
10-Monday	Career guidance/Training placement cell meeting
10-Monday	TPC Cell - GPAT / NIPER training Session by Mr.Harshad Jadhav
14-Friday	NSS cell meeting
14-Friday	TPC Cell - Expert session by Mr. Machindra Patare
15-Saturday	Alumni Cell- Expert lecture by Alumni
20-Thursday	TPC Cell - Expert session by Dr.Rahul Rahane
25-Tuesday	TPC Cell - Expert session by Mr.Shivprasad Khose
27-Thursday	TPC Cell - Training session by CLINI INDIA

November-2022

5-Saturday	TPC Cell - One day workshop by Shodh Advantech
5-Saturday	TPC Cell - Expert session by Dr.R.T.Dolas
7-Monday	NSS Cell -Swaccha Wari -Swasth WariNirmal Wari -HaritWari Program
7-Monday	Sports & Extracurricular activity Committee meeting
7-Monday To 9 - Wednesday	Cultural Dept - Induction Day program (B.Pharm & M.Pharm)
7-Monday	Grievance Redressal committee meeting
8-Tuesday	Antiragging Committee/Antiragging squad
10-Thursday	TPC Cell - Workshop on Research Methodology Dr.Abhay Gandhi
12-Saturday	Academic Committee meeting
12-Saturday	Fresher's party (Genesis)
14-Monday	Examination committee meeting
15-Tuesday	TPC Cell - Training Session by Rubicon India
15-Tuesday	Research Committee (Promotion & Evaluation) meeting
15-Tuesday	Innovation & Incubation Cell meeting
16-Wednesday	Second Progress review presentation & Journal club of M.Pharm students
18-Friday	IQAC Cell - Workshop on Application of Network Pharmacology
19-Saturday	Alumni Cell -Expert lecture by Alumni
20-Sunday	TPC Cell - GPAT training session by Mr.Vikrant Dhamak
21- Monday To 25- Friday	F.Y.S.Y. T.Y.& Final Y.B.Pharm Second Practical continuous assessment examination
26- Saturday	NSS Cell -Constitution Day (Savidhan Din) Lecture on Importance of Constitution.
28- Monday To 3- Saturday	F.Y S.Y. T.Y.& Final Y.B.Pharm Second Theory continuous assesementexamination
26- Saturday	Hostel Committee meeting
28- Monday	IQAC meeting
30-Wednesday	NSS Cell -Cleaning Program at "Dudheshwar temple" Nimgaonjali under Swacchata Abhiyan Program

December-2022

1-Thursday	NSS Cell -AIDS awareness rally in Loni village on occasion of World AIDS Day Celebration
2-Friday	Odd semester SPPU Semester Theory & Practical Exam
7-Wednesday	NSS meeting
9-Friday	Library Committee meeting
10-Saturday	Academic Committee meeting
10-Saturday	IQAC Cell - Hands on Training on Design expert software
12-Monday	Alumni Cell -Expert lecture by Alumni
12-Monday	Student council meeting
15-Thursday	Purchase committee meeting
12-Monday To 18-Sunday	NSS special camp
24-Saturday	Women Empowerment Cell meeting
24-Saturday	Internal Complaints Committee & Anti -harassment Squad meeting

January -2023

3-Monday	Alumni Cell meeting
3-Monday	Third Progress review presentation & Journal club of M. Pharm students
5-Thursday	Career guidance/Training placement cell meeting
5-Thursday	TPC Cell - Industrial visit final year B.Pharm
6-Friday	Parents meet
7-Saturday	TPC Cell - Industrial visit Third year B. Pharm
10-Tuesday	IQAC Cell -Workshop on scientific publication
10-Tuesday	TPC Cell - Industrial visit Second year B. Pharm
12-Thursday	NSS Cell -Lecture on self-confidence on occasion of national youth day
13-Friday	Academic Committee meeting
15-Sunday	NSS Cell - Swacchata Abhiyan at College
18-Wednesday	Website Committee meeting
18-Wednesday	TPC Cell - Industrial visit First year B.Pharm
23-Monday	Scholarship Committee (Non-Government) meeting
23-Monday	DIC meeting
24-Tuesday	Industry and Institute interaction cell meeting
25-Wednesday	NSS Cell -National voters Day celebration
25-Wednesday	Student Mentoring Committee meeting
26-Thursday	NSS Cell -Republic Day celebration
28-Saturday	Hostel Committee meeting
28-Saturday	TPC Cell -Workshop on Personality Development by Jeevan Sanjivani, Satara
30-Monday	NSS Cell -Visit & awareness program at Lohare orphan school on occasion of world leprosy Day
31-Tuesday	Alumni Cell -Expert lecture by Alumni

February-2023

1-Wednesday	Field visit of Third year B.Pharm
2-Thursday	NSS Cell -Self-defense training program
4-Saturday	NSS Cell - Cancer Awareness & Medicine Counseling Rally on occasion World Cancer Day.
8-Wednesday	Code of Conduct & Discipline Committee meeting
10-Friday	TPC Cell - Workshop on Good Clinical Practices
11-Saturday	Academic Committee meeting
11-Saturday	Alumni Cell -Expert lecture by Alumni
12-Sunday	Alumni Meet
13-Monday	Student council meeting
13-Monday	Affiliation cell meeting
13-Monday	Research Committee (Promotion & Evaluation) meeting
13-Monday	Innovation & Incubation Cell meeting
14-Tuesday To 19- Sunday	NSS Cell - Youth week' celebration with following activity I. Poster Competition II. Just a Minute, III. Debate Competition, IV. Rangoli competition V. Guest Lecture.
15-Wednesday	TPC Cell - Expert session on Entrepreneurship Development
15-Wednesday	IAEC meeting
16-Thursday To 24-Friday	Annual sport Day
16-Thursday	Parent Teacher Association meeting
16-Thursday	IQAC Cell -Workshop on HPTLC
25-Saturday	TPC Cell - Workshop on Herbal drug Standardization by Dr. Punit Rachh
25-Saturday	Women Empowerment Cell meeting
25-Saturday	Internal Complaints Committee & Anti -harassment Squad meeting
22-Wednesday to 24-Friday	Cultural day's
25-Saturday	Annual social gathering 2k23
27-Monday To 3- Friday	First Sessional Practical Examination B & M.Pharm
27-Monday	IQAC meeting

March -2023

3-Friday	Grievance Redressal committee meeting
6—Monday	Library Committee meeting
9- Thursday To 14-Tuesday	First sessional Theory Examination B & M.Pharm
10-Friday	NSS Cell - Guest Lecture and Health Hygiene Program on occasion of World Women's Day'
11-Saturday	Academic Committee meeting
17-Friday	NSS meeting
17-Friday	Admission committee meeting
25-Saturday	Hostel Committee meeting
25-Saturday	Alumni Cell -Expert lecture by Alumni
28-Tuesday	Student Mentoring Committee meeting
28-Tuesday	TPC Cell - Industrial Visit of F.Y.M.Pharm

April -2023


5-Wednesday	TPC Cell - Expert lecture by Mr. Ravi Gaware
6-Thursday	Sport Dept. -International sport Day celebration
7-Friday	TPC Cell - Training session by Smart Chem Plus
7-Friday	NSS Cell - Health Check -Up Camp on Occasion of World Health Day
8-Saturday	Academic Committee meeting
10-Monday	TPC Cell - Expert lecture by Dr.Sayyad Sadik
11-Tuesday	Research Committee (Promotion & Evaluation) meeting
17- Monday	Student council meeting
20-Thursday	Industry and Institute interaction cell meeting
22-Saturday	Women Empowerment Cell meeting
22-Saturday	Alumni Cell -Expert lecture by Alumni
22-Saturday	Internal Complaints Committee & Anti -harassment Squad meeting
27-Thursday	Publicity Committee meeting

May -2023

3-Wednesday	Academic Committee meeting
2- Monday To 6 - Saturday	Second Sessional Practical Examination
8- Monday To 12- Friday	Second sessional Theory Examination B & M, Pharm.
13- Saturday	Cultural Dept. - Farewell function
14-Sunday	SPPU Even Semester Examination Theory and Practical
16-Tuesday	Anti-ragging Committee/Anti-ragging squad meeting
17-Wednesday	Parents meet
16-Tuesday	Sports & Extracurricular activity Committee meeting
27-Saturday	Hostel Committee meeting
31-Wednesday	IQAC meeting
31-Wednesday	NSS Cell - Lecture on Tobacco side effect on occasion of Anti -Tobacco Day 2023.

June -2023

1-Thursday To 6 - Tuesday	M. Pharm Thesis submission
2-Friday	Admission committee meeting
6-Tuesday	Student Mentoring Committee meeting

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NOTES

NOTES

B. PHARM PROGRAM OUTCOMES

1. **Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
2. **Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
3. **Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
4. **Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
5. **Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.
6. **Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

B. PHARM PROGRAM OUTCOMES

7. **Pharmaceutical Ethics:** Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

8. **Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.

9. **The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.

10. **Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

11. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.



ACADEMIC BOOK

2022-23

Semester III



VISION-

To become a center of excellence in pharmaceutical education, training, research and continuous professional development of pharmacists in rural India.

MISSION-

1. Our mission is to introduce excellence in Pharmacy education through quality education, infrastructure and learning resources to meet the needs of students in pursuit of knowledge.
2. To develop, promote and nurture research activities in pharmaceutical sciences
3. To make professionally competent and ethical pharmacists of international standard to cater the needs of rural to global healthcare.

GOALS-

1. To educate and train pharmacists to cater for the needs of society.
2. To promote use of indigenous resources for pharmacy industry.
3. To create excellent research center at college to provide many innovative research methods to develop Institute-Industrial linkages.
4. To develop consortium for consultancy service in education, training, health care with reference to pharmacy profession.
5. To increase the global linkages by attracting international scientific forums for collaborative educational programmes.



Second Year Sem-III Academic Year 2022-23

Scheme, Course Outcomes, Syllabus, and Evaluation guidelines of Physical Pharmaceutics-I

Course Code	Course Name	Lectures Assigned			
		Theory	Practical	Tutorial	Total
BP301T	Pharmaceutical Organic Chemistry II	03	04	01	08

Course Code	Course Name	Evaluation Scheme									
		THEORY					PRACTICALS				
		EXAM HRS	CRED	INT	EXT	TOTAL MARKS	EXAM HRS	CRED	INT	EXT	TOTAL MARKS
BP301T	Pharmaceutical Organic Chemistry II	3	4	25	75	100	4	2	15	35	50



Syllabus

PHARMACEUTICAL ORGANIC CHEMISTRY II (Theory)

(BP301T)

Course Content

UNIT-I	10 Hours
Benzene and its derivatives	
Introduction to benzene, orbital picture, resonance in benzene, Huckel's rule Reactions of benzene - nitration, sulphonation, halogenation- reactivity, Friedel-Craft's alkylation- reactivity, limitations, Friedel-Craft's acylation. Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction.	
UNIT-II	08Hours
Phenols* - Acidity of phenols, effect of substituents on acidity, qualitative tests for phenols, structure and uses of phenol, cresols, resorcinol, naphthols Aromatic Amines* - Basicity of amines, effect of substituents on basicity, Nitrosation reaction, coupling and Sandmayer's reaction, Hinsberg Test, synthetic uses of aryl diazonium salts.	
UNIT-III	10 Hours
Stereo Isomerism	
Optical isomerism	
Elements of symmetry, chiral and achiral molecules Optical activity, enantiomerism, diastereoisomerism, <i>meso</i> compounds D & L system of nomenclature of optical isomers, sequence rules, <i>R</i> & <i>S</i> system of nomenclature of optical isomers	
Geometrical isomerism	
Nomenclature of geometrical isomers (<i>Cis</i> & <i>Trans</i> , <i>E</i> & <i>Z</i> , <i>Syn</i> & <i>Anti</i> systems) Methods of determination of configuration of geometrical isomers.	
UNIT-IV	10 Hours
Polynuclear hydrocarbons	
Synthesis, reactions and structure and medicinal uses of naphthalene, phenanthrene, anthracene, diphenylmethane, triphenylmethane and their derivatives.	
UNIT-V	05 Hours
Cycloalkanes*	
Stabilities – Baeyer's strain theory, limitation of Baeyer's strain theory, Coulson and Moffitt's modification, Sachse Mohr's theory (Theory of strainless rings), reactions of cyclopropane and cyclobutane only.	
UNIT-VI	
Fats and Oils - Hydrolysis, Hydrogenation, Saponification and Rancidity of oils.	02 Hours



PHARMACEUTICAL ORGANIC CHEMISTRY II (PRACTICAL)

(BP305P)

List of Experiments

4 Hours/Week

I. Experiments involving laboratory techniques

Recrystallisation

Steam distillation

1 turn

II. Experiments involving Separation of Binary mixtures

2 turns

III. Determination of saponification value of oil samples (Any two)

1 turn

IV. Synthesis of following compounds

- Benzanilide /phenyl benzoate /acetanilide from aniline/ phenol/ aniline by benzoylation/acylation reaction
- 2, 4, 6-Tribromoaniline/para-bromo acetanilide from aniline
- p-bromo Acetanilide by halogenation (Bromination) reaction
- 5-Nitrosalicylic /meta-dinitrobenzene from salicylic acid/ nitrobenzene by nitration reaction
- Benzoic acid/ Salicylic acid from alkyl benzoate/ alkyl salicylate by hydrolysis reaction
- 1-Phenylazo-2-naphthol from aniline by diazotization and coupling reactions/
- p-Iodobenzoic acid from P-aminobenzoic acid by replacement reaction
- Benzil from benzoin by oxidation reaction
- Dibenzal acetone from benzaldehyde by Claisen-Schmidt reaction

11 turns

Recommended Books (Latest Editions)

1. Organic Chemistry by Morrison and Boyd.
2. Organic Chemistry by I.L. Finar , Volume-I.
3. Textbook of Organic Chemistry by B.S. Bahl & Arun Bahl.
4. Organic Chemistry by P. L. Soni.
5. Practical Organic Chemistry by Mann and Saunders.
6. Vogel's text book of Practical Organic Chemistry.
7. Advanced Practical organic chemistry by N K. Vishnoi.
8. Introduction to Organic Laboratory techniques by Pavia, Lampman and Kriz.



Evaluation Guidelines:

Internal Assessment Examination [25 Marks]:

Paper pattern and marks distribution for Internal assessment Exam: As per university guideline

- **Internal assessment: Continuous mode (10 M)**

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

Theory

Academic activities 4 M

Average of any 3 activities e.g. quiz, assignment, open book test, field work, group discussion and seminar

Attendance 4 M

Student – Teacher interaction 2 M

Total : 10 M

Practical

Attendance 2 M

Based on Practical Records, Regular viva voce, etc 3 M

Total : 5 M

- **Sessional Exams (15 M)**

Two Sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). The average marks of two Sessional exams shall be computed for internal assessment. Sessional exam shall be conducted for 30 marks for theory and shall be computed for 15 marks. Similarly Sessional exam for practical shall be conducted for 40 marks and shall be computed for 10 marks

The scheme of question paper for theory and practical Sessional examinations is given below.

Question paper pattern for theory Sessional examinations

For subjects having University examination

I. Objective Type Question

(Answer 5 out of 7) = 02 x 05 = 10

I. Long Answers (Answer 1 out of 2) = 01 x 10 = 10

II. Short Answers (Answer 2 out of 3) = 02 x 05 = 10

Total = 30 marks

Question paper pattern for practical sessional examinations

I. Synopsis = 10

II. Experiments = 25

III. Viva voce = 05

Total = 40 marks



End Semester Examination [75 Marks]:

Paper pattern and marks distribution for End Semester Exam: As per university guideline

Question paper pattern for end semester theory examinations

For 75 marks paper

I. Objective Type Questions(MCQs)

(Answer 5 out of 7) $= 5 \times 3 = 15$

I. Long Answers (Answer 2 out of 4) $= 2 \times 10 = 20$

II. Short Answers (Answer 8 out of 10) $= 8 \times 5 = 40$

Total = 75 marks

Question paper pattern for end semester practical examinations

I. Synopsis $= 05$

II. Experiments $= 25$

III. Viva voce $= 05$

Total = 35 marks



Lecture Plan

PHARMACEUTICAL ORGANIC CHEMISTRY-II (Theory)

(BP301T)

Bloom Levels (BL): 1. Remember 2. Understand 3. Apply 4. Create						
Lect. No.	Planned Date	Conducted Date	Topics / Sub- Topics	Course Outcome/s Addressed	BL	Reference (Text Book, Website)
1			Subject Orientation		2	Textbook of Organic Chemistry by B.S. Bahl & Arun Bahl. Organic Chemistry by Morrison and Boyd. Organic Chemistry by I.L. Finar , Volume-I
2			Benzene and its derivatives- Introduction	1	2	
3			Orbital picture, resonance in benzene.	1	2	
4			Aromatic characters, Huckel's rule.	1	2	
5			Tutorial No-1			
6			Reactions of benzene, nitration, sulphonation,	1	2	
7			halogenations reactivity.	1	2	
8			Friedelcrafts alkylation- reactivity, limitations,	1	2	
9			Tutorial No-2	1	2	
10			Friedelcrafts acylation	1	2	
11			Effect of substituents on reactivity and orientation of mono substituted benzene towards electrophilic substitution reaction.	1	2	
12			Introduction to Phenols- Methods of preparations	2	2	
13			Tutorial No-3	2	2	
14			Reactions of phenol.	2	2	
15			Acidity of phenols, effect of substituents on acidity.	2	2	



16		Qualitative tests, Structure and uses of phenol.	2	2	
17		Tutorial No-4	2	2	
18		cresols, resorcinol, naphthols.	2	2	
19		Introduction to Aromatic Amines Methods of preparations	2	2	Textbook of Organic Chemistry by B.S. Bahl & Arun Bahl. Organic Chemistry by Morrison and Boyd. Organic Chemistry by I.L. Finar , Volume-I
20		Reactions of amines	2	2	
21		Tutorial No-5	2	2	
22		Basicity of amines, effect of substituents on basicity	2	2	
23		Nitrosation reaction, coupling and Sandmayer's reaction,	2	2	
24		Hinsberg Test, Synthetic uses of aryl diazonium salts	2	2	Textbook of Organic Chemistry by Raj K Bansal Textbook of Organic Chemistry by B.S. Bahl & Arun Bahl. Organic Chemistry by Morrison and Boyd.
25		Tutorial No-6	2	2	
26		Stereo Isomerism Optical isomerism	3	2	
27		Elements of symmetry, chiral and achiral molecules	3	2	
28		Optical activity,	3	2	
29		Tutorial No-7	3	2	
30		enantiomerism, diastereoisomerism, meso compounds	3		
31		D & L system of nomenclature of optical isomers,	3		
32		sequence rules, R & S system of nomenclature of optical isomers	3		
33		Tutorial No-8	3		



34			Geometrical isomerism Nomenclature of geometrical isomers (Cis & Trans, E & Z, Syn & Anti systems)	3		
35			Methods of determination of configuration of geometrical isomers.	3		
36			Polynuclear hydrocarbons: Synthesis of Naphthalene	4		Textbook of Organic Chemistry by Raj K Bansal Textbook of Organic Chemistry by B.S. Bahl & Arun Bahl. Organic Chemistry by Morrison and Boyd.
37			Tutorial No-9	4		
38			Reactions of Naphthalene	4		
39			Synthesis of Anthracene	4		
40			Reactions of Anthracene	4		
41			Synthesis of Phenanthrene	4		
42			Tutorial No-10	4		
43			Reactions of Phenanthrene	4		
44			Structure and medicinal uses of Naphthalene, Phenanthrene, Anthracene.	4		
45			Structure and medicinal uses of Diphenylmethane, Triphenylmethane and their derivatives	4		
46			Tutorial No-11			
47			Introduction to Cyclo alkanes- methods of preparation	5		Textbook of Organic Chemistry by Raj K Bansal Textbook of Organic Chemistry by B.S. Bahl & Arun Bahl. Organic Chemistry by Morrison and Boyd.
48			Stabilities of Cycloalkanes.	5	3	
49			Baeyer's strain theory its limitation	5	3	
50			Tutorial No-12		3	
51			Coulson and Moffitt's modification.	5	3	
52			Sachse Mohr's theory.	5	3	
53			Reactions of cyclopropane & cyclobutane.		3	
54			Tutorial No-13		3	



55		Introduction to Fats and Oils- differentiate fats and oils	6	3	
56		Hydrolysis	6	3	
57		Hydrogenation	6	2	Textbook of Organic Chemistry by Raj K Bansal Textbook of Organic Chemistry by B.S. Bahl & Arun Bahl. Organic Chemistry by Morrison and Boyd.
58		Tutorial No-14		2	
59		Saponification of oils	6	2	
60		Rancidity of oils	6	2	
61		Revision	1-6	2	
62		Tutorial No-15		2	

Note: 1.Home Assignment will be given after completion of each unit.

2. Class Test I & II will be conduct as per the schedule of Academic Calendar.



Course Delivery, Objectives, Outcomes

COURSE OUTCOME (CO)

CO	Course Outcomes	CL (Cognitive level)	KC (Knowledge Category)	Class Session Hrs.	Units
CO1	Discuss the reactions & orientation of reaction of benzene & its derivatives towards electrophilic substitution reactions	3	P	10	1
CO2	Explain general methods of preparation and reactions of phenols and aromatic amines	3	P	8	2
CO3	Discuss stereoisomerism of organic compounds with respective types, structure, nomenclature, assigning the configuration & their significance on biological activity.	3	C	10	3
CO4	Differentiate the polynuclear medicinal organic compounds with respect to their chemistry.	2	C	10	4
CO5	Summarize different theories related to stability of cycloalkane & reactivity of cyclopropane & cyclobutane.	2	C	5	5
CO6	Describe the chemistry of fats and oils	2	F	2	6

After successful completion of course student will able to

Cognitive level (CL): Bloom's taxonomy Cognitive level (1/2/3/4/5/6)

Knowledge Category (KC): F= Factual Knowledge, C= Conceptual Knowledge, P= Procedural Knowledge, M= Metacognitive Knowledge



PROGRAM OUTCOMES (PO) -

1. **Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
2. **Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
3. **Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
4. **Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
5. **Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and wellbeing.
6. **Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
7. **Pharmaceutical Ethics:** Honor personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
8. **Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
9. **The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practices.
10. **Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
11. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.



Program Specific Outcomes (PSO)

Pharmacy Students are able to:

PSO 1: To build graduate to excel in technical or professional careers in various pharmaceutical industry and/ or institute and /or Health care system through rigorous education. Also analyze and communicate the skills, values of their professional roles in society.

PSO 2: To learn, select, apply appropriate methods, procedures, resources and modern pharmacy-related computing tools with an understanding of the limitations.

PSO 3: To operate, control, analyze and evaluate chemical substances and finished products also processes within permissible limits.

PSO 4: To design a system, component or process to meet desired needs within realistic constraints such as economic, environmental, sustainability social, ethical, health, safety and manufacturability for humans.



Mapping of Course Outcome (CO) with Program Outcome (PO)

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO 9	PO 10	PO 11
CO1	√	--	√	--	--	--	--	√	--	--	√
CO2	√	--	√	--	--	--	--	√	--	--	√
CO3	√	--	√	√	--	--	--	√	--	--	√
CO4	√	--	√	√	--	--	--	√	--	--	√
CO5	√	--	√	--	--	--	--	√	--	--	√
CO6	√	--	√	--	--	--	--	√	--	--	√

Justification:

CO's	Justification
CO1	<p>PO1: Knowledge of chemical reaction principles and concept of benzene and its derivatives which required for synthesis of organic compounds</p> <p>PO3: To study of principles of reactions & orientation of benzene & its derivatives, To analyze the physical and chemical characteristic (M.P, B.P, pH)</p> <p>PO8: To Write effective reports and presentation of same</p> <p>PO11: Knowledge of reactions & orientation of benzene & its derivatives to utilize in recent technological changes</p>
CO2	<p>PO1: Knowledge of chemical reaction, preparation and its principles of phenols and aromatic amines which required for synthesis of organic compounds</p> <p>PO3: To study of chemical reaction, preparation and its principles of phenols and aromatic amines, To analyze the physical and chemical characteristic (M.P, B.P, pH)</p> <p>PO8: To Write effective reports and presentation of same</p> <p>PO11: Knowledge of chemical reaction, preparation and its principles of phenols and aromatic</p>



	amines to utilize in recent technological changes
CO3	<p>PO1: Knowledge of stereoisomerism and its configuration (R& S, E&Z) of various organic compounds</p> <p>PO3: For analyzing stereochemistry and its configuration of various organic compounds and to check significance of biological activity according to its stereochemistry and its configuration.</p> <p>PO4: Molecular docking and other modern tools helps to study the various stereoisomers and configurations and their related biological activity.</p> <p>PO8: To Write effective reports and presentation of same</p> <p>PO11: Knowledge of stereoisomerism and its configuration (R& S, E&Z) of various organic compounds utilize in recent technological changes</p>
CO4	<p>PO1: Knowledge related to the chemistry and medicinal uses of polynuclear hydrocarbon</p> <p>PO3: Relevant to perform experiments, analyze and interpret the data.</p> <p>PO4: It deals with modern tools and techniques for pharma process</p> <p>PO8: To Write effective reports and presentation of same</p> <p>PO11: It deals with understanding and implementing theoretical and practical knowledge in pharmacy practice.</p>
CO5	<p>PO1: Knowledge of theories related to stability & reactivity of cycloalkanes</p> <p>PO3: Analyze the stability & reactivity of cycloalkanes</p> <p>PO8: To Write effective reports and presentation of same</p> <p>PO11: Knowledge of theories related to stability & reactivity of cycloalkanes were utilize in recent technological changes</p>
CO6	<p>PO1: Knowledge of chemistry of fats and oils used for differentiation of fats and oils with physical and chemical properties</p> <p>PO3: To evaluate the acid value, saponification value of fats and oils</p> <p>PO8: To Write effective reports and presentation of same</p> <p>PO11: Knowledge chemistry of fats and oils were utilize in recent technological changes</p>



MAPPING STRENGTH OF CO's To PO's

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO 9	PO 10	PO 11
CO1	3	0	1	0	0	0	0	1	0	0	1
CO2	2	0	1	0	0	0	0	1	0	0	2
CO3	3	0	2	1	0	0	0	1	0	0	2
CO4	3	0	1	1	0	0	0	1	0	0	2
CO5	2	0	1	0	0	0	0	1	0	0	2
CO6	1	0	1	0	0	0	0	1	0	0	2

1: Low

2: Moderate

3: High

Note: Following general guidelines may be used to identify the strength of mapping

1. Pharmacy Knowledge (PO1) for all the CO's may be mapped at level 3 or 2.
2. PO2, PO3, PO4 may be mapped at Level 2, however level 3 can be considered for some CO's.
3. PO6, PO7, PO8 and PO11 may be mapped at level 2 or 1.
4. Consider content of the course for mapping strength to the particular PO like Jurisprudence, Analysis, QA etc (Level 3).
5. Consider the number of hours utilized in teaching particular CO
6. All department faculties should be involved in mapping CO to PO and identifying its strength.



Question Bank

PHARMACEUTICAL ORGANIC CHEMISTRY II (BP301T)

Q. No.	Topics / Sub- Topics	Course Outcome/s Addressed
1.	Write a note on analytical, synthetic and other evidences in the derivation of structure of benzene.	1
2.	Write a note on resonance in benzene.	1
3.	Write a note on Aromatic characters, Huckel's rule.	1
4.	Write a note on Reactions of benzene, nitration, sulphonation, halogenations reactivity.	1
5.	Write a note on Friedel crafts alkylation- reactivity, limitations.	1
6.	Write a note on Friedel crafts acylation.	1
7.	Write a note on Substituents, effect of substituents on reactivity and orientation of mono substituted benzene.	1
8.	Write a note on Electrophilic substitution reaction.	1
9.	Write a note on acidity of phenols, effect of substituents on acidity.	2
10.	Write a note on qualitative tests, Structure and uses of phenol.	2
11.	Write a note on reaction of cresols, resorcinol, naphthols.	2
12.	Write a note on aromatic amines- basicity of amines, effect of substituents on basicity	2
13.	Write a note on Nitrosation reaction in aromatic amines	2
14.	Write a note on Sandmayer's reaction, Hinsberg Test	2
15.	Write a note on synthetic uses of aryl diazonium salts.	2
16.	Write a note on on stereoisomerism	6
17.	Write a note on Optical activity	6
18.	Write a note on enantiomers, diastereoisomerism, meso compounds	6
19.	Write a note on D & L system of nomenclature of optical isomers, sequence rules	6
20.	Write a note on R & S system of nomenclature of optical isomers	6
21.	Write a note on geometrical isomerism	6
22.	Write a note on nomenclature of geometrical isomers (Cis & Trans, E & Z, Syn & Anti systems)	6
23.	Write a note on methods of determination of configuration of geometrical isomers.	6
24.	Write a note on Synthesis of Polynuclear Hydrocarbons.	4
25.	Write a note on Synthesis of Polynuclear Hydrocarbons.	4
26.	Write a note on Reactions of Polynuclear Hydrocarbons.	4



27.	Write a note on Reactions of Polynuclear Hydrocarbons.	4
28.	Write a note on Structure and medicinal uses of Naphthalene.	4
29.	Write a note on Structure and medicinal uses of Anthracene.	4
30.	Write a note on Structure and medicinal uses of Phenanthrene.	4
31.	Write a note on Structure and medicinal uses of Diphenylmethane.	4
32.	Write a note on Structure and medicinal uses of Triphenylmethane and their derivatives.	4
33.	Write a note on Stabilities of Cycloalkanes.	5
34.	Write a note on Baeyer's strain theory, limitation of Baeyer's strain theory.	5
35.	Write a note on Coulson and Moffitt's modification, Sachse Mohr's theory.	5
36.	Write a note on Reactions of cyclopropane and cyclobutane.	5
37.	Write a note on Oils-Hydrolysis, Hydrogenation, Saponification and Rancidity of oils.	5
38.	Write a note on Fats-Hydrolysis, Hydrogenation, Saponification and Rancidity of oils.	5



Assignment No.1 [A.Y. 2022-23]

Unit: 1&2 (Benzene & Phenols)

Subject: POC-II (BP301T)

Date of issue:

Class: B.Pharm. (Sem. III)

Total Marks: 20

Date of submission:

Question No.	Questions	Max. Marks	Unit no.as per syllabus	CO Mapped	Bloom's Taxonomy Level
01.	Write all the reactions of Benzene and Explain Limitations of Friedelcrafts acylation?	04	1	1	2
02.	What are substituents and effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction?	04	1	1	2
03.	Write structure and uses of i. Phenol ii. Cresols iii. Resorcinol iv. Naphthols	04	2	2	2
04.	What are Aromatic Acids and Aromatic Amines? Explain with suitable Reactions?	04	2	2	2

Assignment No.2 [A.Y. 2022-23]

Unit: 3, 4 &5 (Fats & Oils, Polynuclear Hydrocarbons, Cycloalkanes)

Class: B.Pharm. (Sem. III)

Subject: POC II (BP301T)

Date of issue:

Total Marks: 20

Date of submission:

Question No.	Questions	Max. Marks	Unit no.as per syllabus	CO Mapped	Bloom's Taxonomy Level
01.	Write in detail about Hydrolysis, Hydrogenation, Saponification and Rancidity of oils. Explain in Drying of oils.	04	3	3	2
02.	Write structure, reactions and medicinal uses of	04	3	3	2



	Naphthalene and Phenanthrene?				
03.	Explain Baeyer's strain theory with its limitations?	04	4	4	2
04.	Write any two reactions of cyclopropane and cyclobutane?	04	4	4	2

CLASS TEST- I
(AY 2022-23)

Branch: B Pharm

Semester: III

Subject: POC - II (BP301T)

Date:

Duration: 1 hour

Max. Marks: 20M

Note: 1. All Questions are compulsory

**2. Bloom's Taxonomy level: Bloom Levels (BL) : 1. Remember 2. Understand
3. Apply 4. Create**

3. All questions are as per course outcomes

4. Assume suitable data wherever is required.

Question No.	Questions	Max. Marks	Unit no. as per syllabus	CO Mapped	Bloom's Taxonomy Level
01.	What is Nitration and Sulphonation Reaction? Explain nitration of Benzene with reaction mechanism?	05	1	1	2
02.	Write structure and uses of Triphenyl methane	05	1	2	2
03.	What is reactivity & orientation of benzene when it is substituted by NO ₂ group	05	1	1	2
04.	Give the methods for synthesis of Anthracene	05	4	2	2



CLASS TEST- II
(AY 2022-23)

Branch: B Pharm

Semester: III

Subject: POC-II (BP301T)

Date:

Duration: 1 hour

Max. Marks: 20M

- Note:**
- 1. All Questions are compulsory**
 - 2. Bloom's Taxonomy level: Bloom Levels (BL) : 1. Remember 2. Understand 3. Apply 4. Create**
 - 3. All questions are as per course outcomes**
 - 4. Assume suitable data wherever is required.**

Question No.	Questions	Max. Marks	Unit no. as per syllabus	CO Mapped	Bloom's Taxonomy Level
01.	Define (Any five) i. Optical activity ii. Enantiomerism iii. Optical isomerism iv. Geometrical isomerism v. Diastereomerism vi. Mesocompounds	05	3	3	2
02.	Write reaction for Naphthalene and Diphenylmethane?	05	4	4	2
03.	Explain theory of strainless rings with examples?	05	3	3	2
04.	Write synthesis and reaction for polynuclear hydrocarbon (Any Two reactions)	05	5	5	2



UNIVERSITY QUESTION

Total No. of Questions : 3]

SEAT No. :

P933

[5854]-3001

[Total No. of Pages : 2

Second Year B. Pharmacy

PHARMACEUTICAL ORGANIC CHEMISTRY - II

(2019 Pattern) (Semester - III)(BP301T) (Theory)

Time : 3 Hours]

[Max. Marks : 75

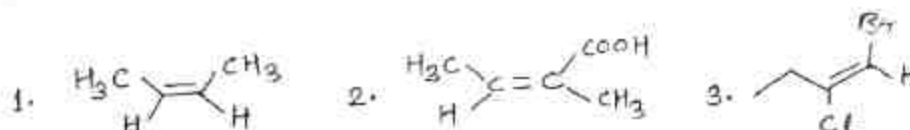
Instructions to the candidates:

- 1) All questions are compulsory.
- 2) Figures to the right side indicate full marks.
- 3) Neat labeled diagrams must be drawn wherever necessary.

Q1) Answer any 05 (03 marks each).

[15]

- a) Explain the acidity of phenols.
- b) Explain the preparation of diazonium salt.
- c) How will you distinguish primary, secondary and tertiary amine by simple chemical tests?
- d) Comment on nomenclature of optical isomers.
- e) Assign E/Z configuration to following



- f) Explain hydrolysis of fats and oils.
- g) Write the chemical reactions of cyclobutane.

Q2) Answer any two (10 marks each).

[20]

- a) What are aromatic electrophilic substitution reactions? Write mechanism of nitration of benzene.
- b) Classify structural isomers with examples. Explain cis/trans isomers with examples.

P.T.O.



- c) Write general methods of preparation (any 05) and reactions of cyclopropane.
- d) Explain the directing effects of following functional groups towards electrophilic substitution on benzene.
- OH
 - NO₂

Q3) Answer any 08 (05 marks each). [40]

- Write a note on racemic resolution of racemic mixtures.
- Discuss mechanism of nitration of benzene. Explain role of conc. H₂SO₄ in nitrating mixture.
- Elaborate limitations of Baeyer's strain theory.
- Write a note on basicity of amines.
- Explain Huckel's rule for aromaticity with suitable example.
- Explain saponification and rancidity of oils.
- Define Diastereomers with suitable examples.
- Write a note on Friedel Crafts Alkylation.
- Write in brief about geometrical isomerism.
- Give an account of synthesis and uses of aromatic diazonium salts.

Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 38 of 2023

**Dates of Commencement and Conclusion of terms for the Academic Year 2022-23
for University Department / Affiliated Colleges / Recognised Institutes.**

It is hereby informed that, the revised dates of commencement and conclusion of the First and Second term of University Courses, under various faculties, for the academic year 2022-23 shall be as under.

Sr No	Name of the Courses , Faculties & Year	2022 - 2023			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	Science & Technology				
	B.Pharmacy : I	27/12/2022	25/04/2023	15/05/2023	31/08/2023
	M.Pharmacy : I	27/12/2022	25/04/2023	15/05/2023	31/08/2023
2	Interdisciplinary Studies				
	M. S. W.	12/07/2022	20/12/2022	04/01/2023	13/05/2023
3	Commerce & Management				
	M.B.A./ M.C.A.: I	01/11/2022	03/03/2023	05/04/2023	07/07/2023
	M.B.A. : II	01/09/2022	30/01/2023	05/04/2023	07/07/2023
	M.C.A. : II	01/09/2022	16/12/2022	05/04/2023	07/07/2023
4	Humanities				
	L.L.B. / B.A. L.L.B.- II	31/10/2022	25/02/2023	18/03/2023	11/07/2023

NOTE :

1. In case, the Principal of the Affiliated Colleges require to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.


Deputy Registrar
(P.G.Admission)

Ref. No. PGS/ 1188
Date: 06/03/2023

Copy to: for Information and necessary action

- The Members of the Management Council.
- The Deans of Faculties.
- The Registrar, Savitribai Phule Pune University, Pune.
- The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
- The Heads of all University Departments.
- The Principals of all Affiliated Colleges.
- The Directors of all Recognized Institutes.
- The Heads of all the Administrative Sections of the University Office.
- Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
- Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University