

Date : 4/7/22

NOTICE

This is to inform all faculty members that the following teachers have been appointed as members of Academic monitoring committee for the Academic Year 2022-23

Academic Monitoring Committee Members- 2022-23

| Sr. No. | Name of Members | Designation | Sign, (|
|---------|---------------------------|--|----------|
| 1. | Dr. K.R. Khandelwal | Principal (Chairman) | Hardelma |
| 2. | Mrs. Priya Rodge- Rangari | Academic Incharge -UG | Friger |
| 3. | Mr. Krishnakumar Lone | Exam Incharge | Kolon |
| 4. | Mrs.Vrushali Kakad | F.Y. Class Teacher | Walsh |
| 5. | Mrs.Madhavi Bindu | S.Y. Class Teacher | Reise |
| 6. | Mrs. Trupti Deshpande | T.Y. Class Teacher | |
| 7. | Mrs. Nilima Chaudhari | Final Year Class Teacher | |
| 8. | Dr. Ashlesha Pandit | Academic Incharge -PG | A. It |
| 9. | Dr. Prashant Ghode | First Year M. Pharm. Class Teacher | Put |
| 10. | Dr. Atul Sayare | Second Year M. Pharm. Class Teacher | Sale |

Principal

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





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 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 | Name of the Courses , Faculties & Year | 2022 - 2023 | | | | | | |
|----|---|--------------------------------------|------------|-------------|------------|--|--|--|
| No | | First | Term | Second Term | | | | |
| | | Commencement Conclusion Commencement | Conclusion | | | | | |
| | Science & Technology | | | | | | | |
| 1 | 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 | | | |
| | Interdisciplinary Studies | | | | | | | |
| 2 | M. S. W. | 12/07/2022 | 20/12/2022 | 04/01/2023 | 13/05/2023 | | | |
| | Commerce & Management | | | | | | | |
| | M.B.A./ M.C.A.: I | 01/11/2022 | 03/03/2023 | 05/04/2023 | 07/07/2023 | | | |
| 3 | 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 | | | |

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.

annue a) 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

Savitribai Phule Pune University

(formerly University of Pune)



Circular No. 173 of 2022

Important Notification

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

It is hereby informed that, the 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 :

| | | 2022 - 2023 | | | | | |
|------------|---|--------------|------------|--|-------------|--|--|
| Sr - No | Name of the Courses , Faculties & Year | First Term | | Second Term | | | |
| | | Commencement | Conclusion | Commencement | Conclusion | | |
| | Science & Technology | | | | | | |
| | Science | 20/06/2022 | 08/11/2022 | 05/12/2022 | 04/05/2023 | | |
| | B.Engineering : 71 | 17/08/2022 | 10/12/2022 | 02/01/2023 | 29/04/2023 | | |
| | B.Engineering : 111 1V | 18/07/2022 | 05/11/2022 | 02/01/2023 | 29/04/2023 | | |
| | M.Engineering: 11 | 18/07/2022 | 12/11/2022 | 09/01/2023 | 06/05/2023 | | |
| 1 | B.Architecture : II | 08/08/2022 | 04/12/2022 | 19/12/2022 | 04/05/2023 | | |
| | B.Architecture : III IV V | 20/06/2022 | 08/11/2022 | 19/12/2022 | 04/05/2023 | | |
| | M.Architecture: II Architecture II | 19/09/2022 | 07/01/2023 | 23/01/2023 | 20/05/2023 | | |
| | B. Pharmacy: 11 111 | 01/08/2022 | 10/12/2022 | 02/01/2023 | 10/05/2023 | | |
| | B. Pharmacy: IV | 15/07/2022 | 03/12/2022 | 02/01/2023 | 10/05/2023 | | |
| | M. Pharmacy : 11 🗸 | 01/08/2022 | 10/12/2022 | 26/12/2022 | 30/06/2023 | | |
| | Commerce & Management | | | | | | |
| | Commerce | 20/06/2022 | 08/11/2022 | 05/12/2022 | 04/05/2023 | | |
| 2 | MBA II (Includes SIP project of 8 week) | 01/09/2022 | 30/01/2023 | 15/02/2023 | 26/05/2023 | | |
| | MCA II | 01/09/2022 | 16/12/2022 | 02/01/2023 | 15/04/2023 | | |
| | BHMCT II III IV | 01/09/2022 | 16/12/2022 | 02/01/2023 | 15/04/2023 | | |
| | Humanities | | | | | | |
| | Arts | 20/06/2022 | 08/11/2022 | 02/01/2023 02/01/2023 05/12/2022 06/02/2023 | 0.1/05/2023 | | |
| | Mental Moral and Social Sciences | | 00/11/2022 | | 04/05/2023 | | |
| • | L.L.B. II | 31/10/2022 | 31/01/2023 | 06/02/2023 | 15/05/2023 | | |
| | L.L.B. 111 | 04/07/2022 | 08/11/2022 | 05/12/2023 | 15/05/2023 | | |
| | B. A. L.L.B. II | 31/10/2022 | 31/01/2023 | 06/02/2023 | 20/05/2023 | | |
| | B. A. L.L.B. III IV V | 04/07/2022 | 08/11/2022 | 05/12/2023 | 15/05/2023 | | |
| | Inter-disciplinary Studies | | | | | | |
| 2 | Education : 11 | 15/09/2022 | 06/01/2023 | 17/01/2023 | 10/05/202 | | |
| 4 | Physical Education : 11 | 15/09/2022 | 06/01/2023 | 02/01/2023 02/01/2023 09/01/2023 19/12/2022 23/01/2022 23/01/2023 02/01/2023 26/12/2022 15/02/2023 02/01/2023 02/01/2023 02/01/2023 02/01/2023 05/12/2022 06/02/2023 05/12/2023 05/12/2023 05/12/2023 05/12/2023 05/12/2023 | 10/05/202 | | |
| 4 | B. Lib. & M. Lib. | 15/07/2022 | 25/11/2022 | | 04/05/202 | | |
| | Fine Arts & Performing Art | 20/06/2022 | 08/11/2022 | | 04/05 202. | | |
| | Journalism PG | 15/07/2022 | | | | | |

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ACADEMIC CALENDAR 2022-23

B.PHARM- FIRST TERM

| Sr. No | Activity | | Date | |
|----------|--|--|---------------------------|--|
| 1. | Commencement of classes | | B Pharm -15/7/22 | |
| | | S.Y.,T.Y B. Pharm- 01/08/22 | | |
| | | First Year B Pharm- 27/12/22 | | |
| S.Y.B. | Pharm Sem - III, T.Y. Year Sem- V, Final Year B. I | Pharm Sem - | VII Internal Examinations | |
| 1. | Continuous mode: Academic Activities Assignment | 12/09/22-1 | 7/9/22 | |
| 2. | Group Discussion | 26/9/22-1/1 | | |
| 3. | 1 st -Sessional Examination | Practical | 10/10/22-14/10/22 | |
| 4. | | Theory | 17/10/22-21/10/22 | |
| 5. | 2 nd -Sessional Examination (SY & TY) | Practical | | |
| 6. | | Theory | 28/11/22-02/12/22 | |
| 7. | 2 nd -Sessional Examination (Final year) | Practical | | |
| 8. | | Theory | 21/11/22-24/11/22 | |
| 9. | Journal Certification | Final Year | -02/12/22 | |
| | Journal Certification | S.Y. & T.Y | 7 5/12/22 | |
| | F.Y. B. Pharm Sem -I Inter | | | |
| 1. | Continuous mode: Academic Activities Assignment | 17/01/23 to | | |
| 2. | Open Book Test | 07/02/23 to | | |
| 3. | 1 st -Sessional Examination | Practical | 13/02/23 - 17/02/23 | |
| | -Sessional Examination | Theory | 20/02/23 - 25/02/23 | |
| 4. | and on the training | Practical | 13/03/23 - 17/03/23 | |
| | 2 nd -Sessional Examination | Theory | 20/03/23 - 27/03/23 | |
| 5. | Journal Upload and Checking | Last week | March | |
| 6. | University online form filling | 02/01/23-1 | 8/01/23 | |
| | Holidays Celebration | | | |
| 7. | Independence Day | 15/8/22 | | |
| 8. | Ganesh Chaturthi | 31/09/22 | | |
| 9. | Gandhi Jayanti | 2/10/22 | | |
| 10. | Dusshera | 5/10/22 | | |
| 11. | Diwali vacation | 24/11/22 - | - 26/11/22 | |
| | Co-currricular Activit | ies | | |
| 1. | Conclusion of Classroom Teaching for all years | Final year- | - 3/12/22 | |
| | | S.Y., T.Y. | - 10/12/22 | |
| | | F.Y 31/03/23 | | |
| 2. | Conclusion of term | SY, TY, F | inal Year- /11/22 | |
| | | F.Y.B.Pha | arm- 31/3/23 | |
| Weekly (| Dff | 1st & 3rd Sa | uturday , Every Sunday | |
| | Counseling / Mentoring | Last week | of each month | |
| | Syllabus Completion submission | and the second s | of each month | |
| | eting | 1 100 | nday, 12:00- 1:00 p.m. | |

Academic Incharge

117 Tathaw..de Puno ge of Pharm

than Principal

ACADEMIC CALENDAR 2022-23

B.PHARM- SECOND TERM

| Sr. No | Activity | | Date |
|----------|--|---------------------------------|-----------------------------|
| 1. | Commencement of classes (S.Y.,T.Y., Final Year B Pharm) | 02/01/2.3 | |
| 2, | Commencement of classes -First Year B Pharm | 27/12/22 | |
| S.Y.B. | Pharm Sem - IV, T.Y. Year Sem- VI, Final Year B. P | harm Sem | -VIII Internal Examinations |
| 3. | Continuous mode: Academic Activities Assignment | 20/02/23- | 24/02/23 |
| | Group Discussion | 13/03/23 - | 17/03/23 |
| 4. 5. | 1 st -Sessional Examination | Practical | 20/03/23 - 24/03/23 |
| 6. | | Theory | 27/03/23 -03/04/23 |
| 7. | 2 nd -Sessional Examination | Practical | 17/04/23-21/04/23 |
| 8. | | Theory | 24/04/23 - 28/04/23 |
| | F.Y. B.Pharm Sem -II Inter | | ations |
| 12. | Continuous mode: Academic Activities Assignment | 05/06/23 - | 10/06/23 |
| 13. | Group Discussion | 19/06/23 -: | 24/06/23 |
| 14. | 1 st -Sessional Examination | Practical | 26/06/23-30/06/23 |
| 15. | 1 -Sessional Examination | Theory | 03/07/23-08/07/23 |
| 16. | 2 nd -Sessional Examination | | 17/07/23-22/07/23 |
| | | Theory | 24/07/23-28/07/23 |
| 17. | Journal Submission & Certification | After Seco | nd Sessional Exam |
| | Holidays Celebration | | |
| 18. | Republic Day | 26/01/23 | |
| 19. | Mahashivratri | 18/02/23 | |
| 20. | Gudipadwa | 22/03/23 | |
| 21. | Shree Ramnavami | 30/03/23 | |
| 22. | Dr. B.R. Ambedkar Jayanti | 14/04/23 | |
| 23. | Ramzan id | 22/04/23 | |
| 24. | Maharashtra Day | 01/05/23 | |
| | Co-currricular Activitie | s | |
| 25. | Conclusion of Classroom Teaching for all years | S.Y., T.Y. Final year- 21/04/23 | |
| 01 | | F.Y 22/07 | |
| 26. | Conclusion of term | SY, TY, Final Year-10/05/23 | |
| V-11 (| ACC. | | m -31/08/23 |
| Veekly (| | | nturday , Every Sunday |
| | Counseling / Mentoring | | of each month |
| | Syllabus Completion submission | | of each month |
| taff Me | eung | Every Mor | nday, 3:00- 4:00 p.m. |

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Academic Incharge

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

ACADEMIC CALENDAR 2022-23

Masters in Pharmacy-Pharmaceutics & Pharmaceutical Quality Assurance

 A] First Term
 : Semester-1:
 27/12/2022
 to
 25/4/2023

 Semester-II:
 15/5/2023
 to
 31/08/2023

 Semester-III:
 01/08/2022
 to
 10/12/2022

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

B] Working days:

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

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

Pet Data

C] Presentations and Sessional Examination

| S. No. | Sessional Exam. | Theory | Practical | |
|--------|--|--|--------------------------------|--|
| 1. | Proposal Presentation (Sem III) | 19th September 2022 – 24th September 2022 | | |
| 2. | Non-University examination of RMB (Sem III) | 28 th December 2022 | - | |
| 3. | Journal Club activity (Sem III) | 10th October 2022- 18th October 202 | 22 | |
| 4. | Progress Research Presentations | 20th February 2023 to 23rd February 2023 | | |
| 5. | Commencement of Sem 1 | 10 th January 2023 | | |
| 6. | First Sessional Exam Sem I | 20th February -23rd February 2023 | 24 th February 2023 | |
| 7. | Second Sessional Exam Sem I | 22 th March -30 th March 2023 | 31st March 2023 | |
| 8. | First Sessional Exam Sem II | 27 th June – 30 th June 2023 | 4 th July 2023 | |
| 9. | Second Sessional Exam Sem II | 24 th July 2023- 27 th July 2023 28 th July 2 | | |
| 10. | Journal Club activity (Sem IV) | 21st February 2023 - 25th February | 2023 | |

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PG Coordinator

PRINCIPAL Principal arshi Shahu College of Pharr Tathawade, Pune - 41

Research

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

ACADEMIC CALENDAR 2022-23

Masters in Pharmacy-Pharmaceutics & Pharmaceutical Quality Assurance

A] First Term : Semester-I & III: 01/08/2022 to 10/12/2022 Semester-II& IV: 26/12/2022 to 30/06/2023

B] Working days:

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

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

C] Presentations and Sessional Examination

| S. No. | Sessional Exam. | Theory | Practical | |
|--------|--|--|-----------------|--|
| 1. | Proposal Presentation (Sem III) | 19th September 2022 – 24th September 2022 | | |
| 2. | Non-University examination of RMB (Sem III) | 28 th December 2022 - | | |
| 3. | Journal Club activity (Sem III) | 10th October 2022- 18th O | ctober 2022 | |
| 4. | Progress Research Presentations | 20th February 2023 to 23rd February 2023 | | |
| 5. | Commencement of Sem I | 10 th January 2023 | | |
| 6. | First Sessional Exam | 20th February 2023 –24th February23rd February 2023 | | |
| 7. | Second Sessional Exam | 22 th March 2023- 31 st March 20 30 th March 2023 31 st March 20 | | |
| 8. | Journal Club activity (Sem IV) | 21st February 2023 - 25th | h February 2023 | |

Academic Incharge PG

5. M's * 40/0000 10 Jelm * Rajaran IShahu College Principal

TIME TABLE ACADEMIC YEAR 2022-23

S.Y.B.PHARM. SEMESTER -IV (6 DAY WEEK) w.e.f. 08/02/23 PCI Syllabus Pattern

| Day Time | Mon. | Tues. | Wed. | Thu. | Fri. | Sat |
|--------------------------------|-------------------------|-------------------------|----------------------------------|--------------------------------|--|--------------------------------------|
| 8:30 -12:30 p.m. PRACTICALS | PP-II (MB) | Library hour | Medichem-I (AM) | P'cology-I (NK) | P'cog & Phyto-I (AS) | Remedial classes |
| A | Medichem-I (AM) | PP-II (MB) | Library hour | Remedial classes | P'cology-I (NK) | P'cog & Phyto-I (AS) |
| c | Library hour | Medichem-I (AM) | PP-II (MB) | P'cog & Phyto-I (AS) | Remedial classes | P'cology-I (NK) |
| 12: 30- 1: 00 p.m. | | | UNCH | BREA | K | |
| 1:00 - 2:00 p.m. | Medi Chem-I (AM) | P'cog & Phyto-I (AS) | P'cology-I (NK) | POC-III (SA) | PP-II (MB) | POC-III (SA) |
| 2:00 - 3:00 p.m. | P'cog & Phyto-I (AS) | POC-III (SA) | POC-III (SA) | P'cog & Phyto-I (AS) | Tutorial hour P'cology-I (NK) | P'cog & Phyto- (AS) |
| 3:00 - 4:00 p.m. | POC-III (SA) | PP-II (MB) | Tutorial hour POC-III (SA) | P'cology-1 (NK) | Medi Chem-I (AM) | PP-II (MB) |
| 4:00 - 5:00 p.m | P'cology-I (NK) | Medi Chem-I (RP) | PP-II (MB) | Tutorial hour PP-II (MB) | Tutorial hour P'cog & Phyto-I (AS) | Tutorial hour Medi Chem-I (AM) |

| | Mart | MB- Mrs. Madhavi Bindu | SA- Mrs. Sbruti Aher |
|-------------------------|------------------------|------------------------|-----------------------------|
| AS-Mrs. Aarti Supekar | AM -Mrs Archana More | | |
| NK- Mrs. Nilima Kinekar | RP- Dr. Rajendra Patil | LS.P. | Mis * El Landalman |
| Class Teacher | | cademic Incharge | awade 19-33 Principal |

TIME TABLE ACADEMIC YEAR 2022-23

S.Y.B.PHARM. SEMESTER -IV (5 DAY WEEK) w.e.f. 08/02/23 PCI Syllabus Pattern

| Day Time | Mon. | Tues. | Wed. | Thu. | Fri. |
|--------------------------------|----------------------------------|--------------------------------------|---|--------------------------------|-------------------------|
| 8:30 -12:30 p.m. PRACTICALS | PP-II (MB) | Library hour | Medichem-I (AM) | P'cology-I (NK) | P'cog & Phyto-I (AS) |
| A B | Medichem-I (AM) | PP-II (MB) | Library hour | Remedial classes | P'cology-I (NK) |
| С | Library hour | Medichem-I (AM) | PP-II (MB) | P'cog & Phyto-I (AS) | Remedial classes |
| 12: 30- 1: 00 p.m. | | LUNC | сн в | REAK | |
| 1:00 – 2:00 p.m. | Medi Chem-I (AM) | P'cog & Phyto-I (AS) | Tutorial hour P'cology-I (NK) | POC-III (SA) | Remedial classes |
| 2:00 – 3:00 p.m. | P'cog & Phyto-I (AS) | POC-III (SA) | POC-III (SA) | Medi Chem-I (AM) | P'cog & Phyto-1 (AS) |
| 3:00 – 4:00 p.m. | Tutorial hour POC-III (SA) | PP-II (MB) | Tutorial hour P'cog & Phyto-I (AS) | P'cology-I (NK) | P'cology-I |
| 4:00 – 5:00 p.m | P'cology-I (NK) | Tutorial hour Medi Chem-l (RP) | PP-II (MB) | Tutorial hour PP-II (MB) | (NK) |

Academic Incharge MB- Mrr. Madhavi Bindu SA- Mrs. Shruti Aher AM -Mrs Archana More AS-Mrs. Aarti Supekar RP- Dr. Rajendra Patil NK- Mrs. Nilima Kinekar Vw Principal Class Teacher

Academic calendar displayed on notice board

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S 1 N.P.M.'s Rainshi Shahu College of Planta y & Research, Tathyande, Ports 13

ACADEMIC CALENDAR 2022-23

Masters in Pharmacy-Pharmaceutics & Pharmaceutical Quality Assurance

6.-

N Tirst Term : Nerroster | & III 01/08/2022 to 10/12/2022 Senate-B& IV 20/12/2022 to 10/06/2023

A Working days Arant of s No. of working days ĩ. August 21 September October November 20 24 14 105 1 Deem Total

| S. No. | Month | No. of working |
|--------|-------------------|----------------|
| 1 | Jamenty | 23 |
| 2 | [rhum] | 22 |
| 1 | (ebruar) March | 23 |
| 4 | Ami | 21 |
| 5 | May | 24 |
| 6 | June | 71 |
| | Total | 137 |

C Presentations and Sess mail in mination

| No | Sestimal Exam. | There | Practical |
|----|--|--|------------------|
| 1 | Proposal Presentation (Sem III) | 19" September 2022 - 2 | A Seguraber 2023 |
| 5 | Non University examination of RMB (Sem III) | 28 th December 2022 | |
| 1 | Joamal Club activity (Sens III) | 10" October 2022. 18" (| Atober 2022 |
| × | Progress Research Presentations | 201 February 2023 to 23 | Februmy 2023 |
| | Compensement of Sem 1 | 10" Jerosty 2023 | 58 E |
| 6 | Tica Sessional Exam | 20 th February 2023 - 23 th February 2023 | 24* Lebruary 202 |
| | Neward Newsonal Exam | 22 th March 2023- 30 th March 2023 | 31° March 2023 |
| 8 | Journal Club activity (Nem IV) | 21= February 2023 - 25 | February 2023 |
| | Arademic Incharge ING | | Principal |



Dutes of Consistencement and Conclusion of terms for the Academic Vent 2022-33 for University Department / Affiliated Colleges / Receiptined Institutes.

It is hereby informed that, the dates of commencement and conclusion of the First and ord term of University Courses, under various faculties, for the analorsic year 2022-23 shall \$ he as under.

| 1 | and the second second second | 2013 - 2013 | | | | |
|----|--|-------------|------------|-------------|------------|--|
| Sr | Nume of the Courses . Paralities & Year | First Term | | Second Term | | |
| | | Commenter | Canadiana | Ownerson . | Carlinger | |
| | Science & Technology | | | | | |
| v. | B.Pharmady : 1 | 27/12/2021 | 25.04/2013 | 1545/2023 | 31.45/2023 | |
| | M.Pharmecy : 1 | 27/12/2022 | 25.94/2833 | 15052023 | 31.98/2823 | |
| | Interdisciplinary Studie | | 201.1 | | | |
| 2 | M.S.W. | 12/07/2022 | 20/12/2022 | 64/01/2023 | 13437823 | |
| | Commerce & Managemen | 4 | | | | |
| | MBA/MCA:1 | 01/11/2022 | 03 03/2023 | 0594/2023 | 67/07/2623 | |
| 3 | MBATI | 01/09/2022 | 20.01/2023 | 0504/2023 | 07.07/262 | |
| | M.C.A. : 11 | 01/09/2022 | 1613/2012 | 8184/2823 | 07.07/202 | |

NOTE

 In case, the Principal of the Affiliated Colleges require to give addition exceptional circumstances, holide may do so by compensating the same College working on Sunday. the same by keeping the

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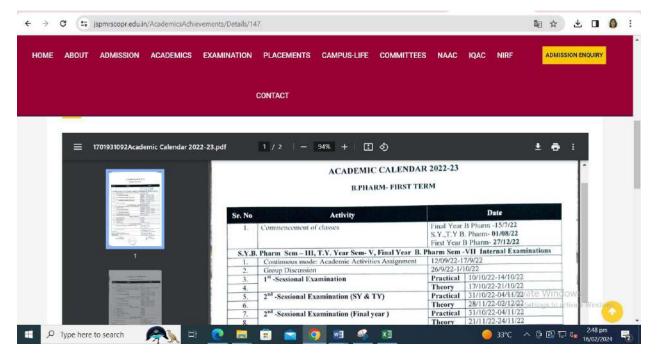
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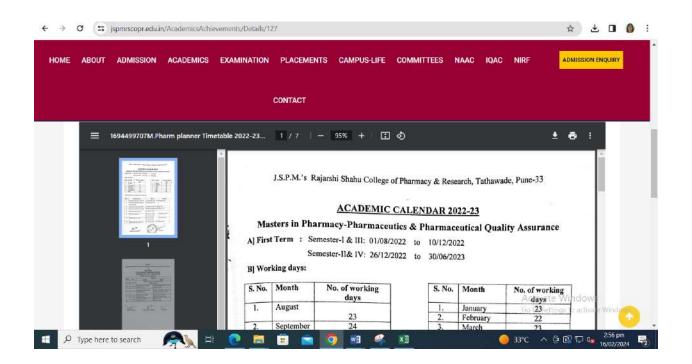
The Members of the Management Council.

The Members of the Management Centrell. The Densi of Faculties: The Rayters, Salithus Phule Pune University, Pane. The Rayters, Salithus Phule Pune University, Pune. The University Departments. The Principles of all Affiliated Colleges. The Discretes of all Recognized Institutes. The Heads of all the Administrative Sections of the University Office. Assn: Registrat, office of the Hon. Vier-Charceller, Savitribus Phule Pune University Assn. Registrat, office of the Hon. Pro-Vise-Charceller, Savitribus Phule Pune University Assn. Registrat.

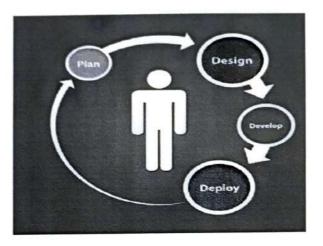
Academic calendar (UG) on website



Academic calendar (PG) on website



COURSE FILE



Course Code: BP 403T &BP407 P Course Name: Physical Pharmaceutics II Semester –IV 2022-2023

Instructor: Prof. Madhavi S. Bindu

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

Rajarshi Shahu College of Pharmacy & Research, Pune Teaching Plan

Academic Year: 2022-23/ PCI System

| Subject:-Physical Pharmaceutics II [BP407 P] CLASS:- Second Year B.Pharm | Practical: 4hrs / week |
|---|--|
| Name of Faculty: Mrs. Madhavi S. Bindu | Examination scheme: University Exam : 35 Marks |
| and of Lucarty . Mrs. Madnavi S. Bindu | Continuous Assessment : 15Marks |

| Pract. No. | Description | Batch | Planed Dates | Actual Dates | Ref. used | Content Delivery Methods/ ICT Tools used | Course Outcomes |
|---------------|--|-------|-----------------|-----------------|-----------|---|--|
| | Introduction | Α | 13/2/23 | 13/2/23 | | 10015 used | |
| 1. | | В | 14/2/23 | 14/2/23 | | | |
| | | С | 8/2/23 | 8/2/23 | | | |
| | Determination of particle size, particle size distribution using sieving method | A | 13/2/23 | 13/2/23 | | | |
| 2. | distribution using sleving method | В | 14/2/23 | 14/2/23 | R1, | | CO1. Determine the particle size and size distribution by |
| | | С | 15/2/23 | 15/2/23 | R2,R3 | | microscopy & sieve analysis |
| 3. | Determination of viscosity of liquid using Ostwald's viscometer | A | 20/2/23 | 20/2/23 | R1, | | CO2.Calculate viscosity of |
| | | В | 21/2/23 | 21/2/23 | R2,R3 | | liquids and understand the working of Brookfield |









| | using Brookfield viscometer | В | 21/3/23 | 213123 | R2,R3 | liquids and understand the |
|------------|--|--------|---------|---------|---|---|
| | | С | 24/3/23 | 24/3/23 | | working of Brookfield viscometer. |
| | Determination of reaction rate constant first order | A | 27/3/23 | 27/3/23 | | CO4- Determine the order of |
| 9. | | В | 28/3/23 | 2813123 | R1, R2,R3 | reaction and calculate the shelf life of the product |
| | | С | 29/3/23 | 29/3/28 | , | me of the product |
| Determinat | Determination of reaction rate constant second | A | 10/4/23 | 10/4/23 | | |
| | order | В | 11/4/23 | 11/4/23 | R1, | CO4- Determine the order of |
| 10 | | С | 12/4/23 | 12/4/23 | R2,R3 | reaction and calculate the shelf life of the product |
| | Accelerated stability studies | Α | 17/4/23 | 17/4/23 | | |
| 11 | - | В | 18/4/23 | 18/4/23 | R1, R2,R3 | CO4- Determine the order of |
| | - | С | 19/4/23 | 1914/23 | | reaction and calculate the shell |
| | Determination of best product amongst | A | 17/4/23 | 17/4/23 | 1 1 1 | life of the product |
| 12 | number of products | B | 18/4/23 | 18/4/22 | R2,R3 | |
| | | C | 19/4/23 | 1914128 | | CO5Calculate the clou |
| | Determination of Cloud point and Krafft point | A B | 24/4/23 | 2414128 | | point and Krafft point of |
| | of given surfactant | B C | 25/4/23 | 25/4/23 | R1, R2,R3 | understand the |
| 13 | | C | 26/4/23 | 2614/22 | 12,105 | importance in the formulation and stability of emulsions |
| | Determination of effect of salts on stability of | A | 24/4/23 | 24/4/28 | | CO6. Formulate stable |
| | hydrophobic sols | B | 25/4/23 | 25/ 4/2 | R1, R2,R3 | colloids. |
| 14 | | С | 26/4/23 | 261412 | 21 C. 12 C. | |

| | Determination of particle size, particle size | Α | 8/5/23 | 8523 | | CO1. Determine the particle |
|-------|--|---|---------|---------|--------------|---|
| 12727 | distribution using Microscopic method | B | 9/5/23 | 91523 | R1, | size and size distribution by |
| 15 | Electronic and Constraints and Long Constraints (| С | 10/5/23 | 10/5/23 | R2,R3 | microscopy & sieve analysis |
| | Determination of composition of binary liquid mixture by viscosity method. | A | 15/5/23 | 15/5/23 | | CO2 Calculate viecesity of |
| 16 | | В | 16/5/23 | 16/5/23 | R1, R2,R3 | CO2 .Calculate viscosity of liquids and understand the working of Brookfield |
| | | С | 17/5/23 | 17/5/23 | | viscometer. |

Reference Books :

R1. LaboratoryManual of Physical Pharmaceutics, C.V.S. Subramanyam, J.Thimma settee

R2. A practical book of Physical Pharmaceutics, Sudip Das, Dr. Subhrajit mantry. Nirali Prakashan

R3. Physical Pharmacy by Alfred Martin

Subject Teacher M.S. Bindy

angent Academic Incharge

Principal Dr. K.R. Khandelwal

JSPM's Rajarshi Shahu College of Pharmacy & Research, Pune Teaching Plan Academic Year: 2022-2023 /Credit and Grading Based Semester System

| Subject:- Physical Pharmaceutics-II Theory [BP403T] | Teaching scheme : | Lectures | : 3 hrs /week |
|---|----------------------|-----------------|----------------|
| | | Tutorial | : 1 hr /week |
| Class / Semester:- Second Year B.Pharm/ Sem IV | | Practical | : 4 hrs / week |
| Name of Faculty: Mrs. Madhavi Bindu | Examination scheme : | University Exam | : 75 Marks |
| | | Internal Exam | : 25 Marks |

| Lectu re No. | Description | Planed Dates | Actual Dates | Ref. used | Content Delivery Methods/ ICT Tools used | Course Outcomes (Students will be able to) |
|-----------------|--|------------------------|-----------------|--------------------------------|---|---|
| | | U | nit I: Topic | - Colloidal Dispo [7 hours] | | |
| 1. | Classification of dispersed system and their general characteristics. | 8/2/23 | 82123 | T1,T2,T3,T4, T5 | Powerpoint presentation, Chalk and Talk | CO1 Understand the |
| 2. | Size and shape of colloidal particles | 10/2/23 | 10/2/23 | T1,T2,T3,T4, T5 | Powerpoint presentation, Chalk and Talk | importance of electrical double |
| 3. | Classification of colloids | 11/2/23 | 11/2/23 | T1,T2,T3,T4, R1 | Powerpoint presentation, Chalk and Talk | layer in formulating stable colloidal system and the |
| 4. | Comparative account of their general properties. | 13/2/23 | 13/2/23 | T1,T2,T3,T4, R1,T5 | Powerpoint presentation, Chalk and Talk | properties of colloids and its |
| 5. | Optical, kinetic & electrical properties | 14/2/23 | 14/23 | T1,T2,T3,T4, T5,R1 | Powerpoint presentation, Chalk and Talk | actions. |
| 6. | Effect of electrolytes | 15/2/23 | 15/2/23 | T2,T3,T4,T5, R1 | Powerpoint presentation, Chalk and Talk | |
| 7. | Coacervation, peptization and protective action. | 16/2/23 | 16/2/23 | T2,T3,T4,T5, R1 | Powerpoint presentation, Chalk and Talk | |
| 19100 | | T in the second second | Init II :Top | ic -Rheology [10 | hours] | CO2- Understand the different |
| 8. | Introduction, Importance of Rheology, Newton's Law | 18/2/23 | 18/2/28 | T1,T2,T4,T5, R1 | Powerpoint presentation, Chalk and Talk | types of flow in order to identify and choose suitable flow |
| 9. | Types of flow | 18/2/23 | 18/2/23 | T1,T2,T4,T5, R1 | Powerpoint presentation, Chalk and Talk | characteristics for the formulation and calculate viscosity of |
| 10. | Types of flow | 21/2/23 | 21/2/23 | T1,T2,T4,T5, | Powerpoint presentation, | |

| | | 15 | | | | Emulsion forent 1 |
|----------------------|--|------------|-------------|--------------------------------------|--|--|
| | Types of flow | | 22/2/23 | R1 R1, T2, T4, T5 | Chalk and Talk | tormation |
| | Types of flow | | 24/2/23 | R1, T2, T4, | Powerpoint presentation, Chalk and Talk | |
| Ant | ithixotrophy, Determination of Viscosity | 25/2/23 | 25/2/28 | R1, T2, T4, | Powerpoint presentation, Chalk and Talk | _ |
| $\left\{ - \right\}$ | Determination of Viscosity | 28/2/23 | 28/2/23 | T1,T2,T4,T5, R1 | Powerpoint presentation, Chalk and Talk | _ |
| + | Deformation of solids | 1/3/23 | 1/3/28 | R1, T2, T4, T5 | Powerpoint presentation, Chalk and Talk | |
| 5. | Deformation of solids | 4/3/23 | 9132 | 111 | Powerpoint presentation, Chalk and Talk | _ |
| 17. | Deformation of solids | 8/3/23 | | KI | Powerpoint presentation, Chalk and Talk | |
| 1 | a the second sec | Unit | III : Topic | - Coarse dispersio | | |
| 18. | Suspension | 10/3/2 | 3 10/3/- | | Chalk and Talk | CO3- Relate various |
| . 19. | Interfacial properties of suspend particles | led 11/3/2 | 3 11/3/ | Logici | Powerpoint presentation, Chalk and Talk | physicochemical properties of drug and excipients molecules |
| 20. | | 18/3/2 | 23 18/3/2 | 13,11 | Powerpoint presentation, Chalk and Talk | in designing the dosage forms |
| 21. | | 18/3/2 | 23 18/3). | T1,T2,T3,T4, T5,R1 | Powerpoint presentation, Chalk and Talk | |
| 22. | Emulsions and theories of microemulsion | 20/3/2 | 23 20/3 | T1,T2,T3,T4, 73 T5,R1,R2 | Powerpoint presentation, Chalk and Talk | |
| 23. | Microemulsion and multiple emulsions | 21/3/2 | 23 24/31: | Т1,T2,T3,T4, Ъ.д. T5,R1 | Powerpoint presentation, Chalk and Talk | |
| 24. | Stability of emulsions | 23/3/2 | 23 23/3/ | ^{2/3} T1,T2,T3,T4, T5,R1 | Powerpoint presentation, Chalk and Talk | |
| 5. | Preservation of emulsions | 24/3/2 | 23 24/3 | | | |
| 5. 1 | Rheological properties of emulsion | | | | | |

| | P | | | | | | |
|-----------------|--|---------|-------------|-----------------------|--|--|--|
| 7. | Emulsion formulation by HLB method | 28/3/23 | 2\$3/23 | | | | |
| | Particle size and distribution, Mean | UNIT- | IV : Topic | : Micromeretic | s [08 hours] | | |
| 28. | particle size | 29/3/23 | 29/3/23 | | Powerpoint presentation, Chalk and Talk | CO4- Evaluate particle size, particle size distribution & | |
| 29. | Number and weight distribution, particle number | 1/4/23 | 114123 | T1.T2.T3.T4 | Powerpoint presentation, Chalk and Talk | derived properties of powder. | |
| 30. | Methods for determining particle size | 4/4/23 | 414/23 | T1,T2,T3,T4, T5,R1 | Powerpoint presentation, Chalk and Talk | - | |
| 31. | Counting and separation method, Particle shape | 5/4/23 | 574/28 | T1,T2,T3,T4, T5,R1 | Powerpoint presentation, Chalk and Talk | - | |
| 32. | Specific surface, methods for determining surface area | 7/4/23 | 7/4/23 | T1,T2,T3,T4, T5,R1 | Powerpoint presentation, Chalk and Talk | | |
| 33. | Permeability and adsorption. | 8/4/23 | 8/4/23 | | Powerpoint presentation, Chalk and Talk | | |
| 34. | Derived properties of powder and porosity | 11/4/23 | 11/4/23 | T1,T2,T3,T4, T5,R1 | Powerpoint presentation, Chalk and Talk | | |
| 35. | Packing arrangement, densities, bulkiness and flow properties | 12/4/23 | 12/4/28 | T1,T2,T3,T4, T5,R1 | Powerpoint presentation, Chalk and Talk | - | |
| STATISTICS SALE | | UNI | T-V : Topic | - Drug Stability | | Manager Construction of Construction | |
| 36. | Importance, need and classification of stability | 15/4/23 | 15/4/23 | | Chalk and Talk | CO5- Evaluate the kinetics of drug system and predict the | |
| 37. | Degradation pathways -physical | 15/4/23 | 15/4/2 | | Powerpoint presentation, Chalk and Talk | shelf life of the product, storage and its stability | |
| - | Physical degradation | 18/4/23 | 18/4/2 | 10,111 | Powerpoint presentation, Chalk and Talk | | |
| 38. | Chemical Degradation | 19/4/23 | 1914/22 | 15,81 | Powerpoint presentation, Chalk and Talk | | |
| 39 | Chemical Degradation and prevention from hydrolysis | 21/4/23 | 21/4/2 | T1,T2,T3,T4, T5,R1 | Powerpoint presentation, Chalk and Talk | | |

| 41.Chemical Degradation and prevention from oxidation $23/4/23$ $23/4/23$ $T1,T2,T3,T4,$ T5,R1Powerpoint presentation, Chalk and Talk42.Microbial Degradation $25/4/23$ $25/4/23$ $25/4/23$ $T1,T2,T3,T4,$ T5,R1Powerpoint presentation, Chalk and Talk43.Therapeutic degradation and kinetic stability $26/4/23$ $26/4/23$ $T1,T2,T3,T4,$ T5,R1Powerpoint presentation, Chalk and Talk44.Rate & order of reaction $28/4/23$ $26/4/23$ $T1,T2,T3,T4,$ T5,R1PPF, Chalk & talk45.Rate & order of reaction $29/4/23$ $29/4/23$ $T1,T2,T3,T4,$ T5,R1PPt, chalk & talk | |
|---|---|
| 42. $25/4/23$ $28/4/23$ $28/4/23$ $T5,R1$ Chalk and Talk43.Therapeutic degradation and kinetic stability $26/4/23$ $26/4/23$ $T1,T2,T3,T4$, T5,R1PPF, chalk & talk44.Rate & order of reaction $28/4/23$ $2-2/4/23$ $T1,T2,T3,T4$, T5,R1PPF, chalk & talk45.Rate & order of reaction $29/4/23$ $29/4/23$ $29/4/23$ PPt , chalk & talk | |
| 43.stability $26/4/23$ $26/4/23$ $T5,R1$ 44.Rate & order of reaction $28/4/23$ $2S/4/23$ $T1,T2,T3,T4$, T5,R1PPt, Chalk & talk45.Rate & order of reaction $29/4/23$ $2G/4/23$ $2G/4/23$ $T1,T2,T3,T4$, T5,R1PPt, Chalk & talk | |
| 44. $28/4/23$ $25/4/23$ T5,R1 T5,R1 T1,T2,T3,T4, PPt, Chalk & talk | |
| 45. Rate & order of reaction 29/4/23 29/4/22 T1,T2,T3,T4, PPt, chalk & talk | |
| | |
| 46. Dynamic Image Analysis (CBS) 8/5/23 8/5/23 web PPt, Chalk & talk. | |
| Total Number of Tutorial Planned-15 | |
| T2 : Physical Pharmaceutics by C.V.S. Subramanyam T3: Text book of Physical Phramacy, by Gaurav Jain & Roop K. Khar T4: Text book of Physical Pharmaceutics II by Dr. S. Sharma, Dr. J. Singh Dua, Mr. R.Suryawanshi. PeeVee Publication | |
| | |
| Reference Books : | and the second se |
| | |
| R1: Physical Pharmacy by Alfred Martin | |
| R1: Physical Pharmacy by Alfred Martin R2 : Liberman H.A, Lachman C., Pharmaceutical Dosage forms, Tablets, Volume-1 to 3, MarcelDekkar Inc. | |
| R1: Physical Pharmacy by Alfred Martin R2: Liberman H.A, Lachman C., Pharmaceutical Dosage forms, Tablets, Volume-1 to 3, MarcelDekkar Inc. R3: Stocklosam J. Pharmaceutical Calculations, Lea & Febiger, Philadelphia. | |
| R1: Physical Pharmacy by Alfred Martin R2: Liberman H.A, Lachman C., Pharmaceutical Dosage forms, Tablets, Volume-1 to 3, MarcelDekkar Inc. R3: Stocklosam J. Pharmaceutical Calculations, Lea & Febiger, Philadelphia. R4: Liberman H.A, Lachman C, Pharmaceutical Dosage forms. Disperse systems, volume 1, 2, 3. Marcel Dekkar Inc. | |
| R1: Physical Pharmacy by Alfred Martin | TOLL |
| R1: Physical Pharmacy by Alfred Martin R2: Liberman H.A, Lachman C., Pharmaceutical Dosage forms, Tablets, Volume-1 to 3, MarcelDekkar Inc. R3: Stocklosam J. Pharmaceutical Calculations, Lea & Febiger, Philadelphia. R4: Liberman H.A, Lachman C, Pharmaceutical Dosage forms. Disperse systems, volume 1, 2, 3. Marcel Dekkar Inc. | len dura |

MONTHLY SYLLABUS COMPLETION REPORT

[2022-23]

*********** *****

SEMESTER - I/II/III/IV/V/VI/VII/VIII

Class: <u>S. J. B. Phoeem</u> Subject: <u>PPT</u> (Practical)

Month: February Lecturer: M.S. Bindy

| Pract.No. | Experiment / Practical covered | No of hrs as | No of hrs |
|-----------|-------------------------------------|--------------|---------------------|
| | A,B & C Batch | per Syllabus | actual conducted |
| 1. | Inpoduction to Equipments used | 2 Ghrs | Proto |
| 2. | Determination of Particle size | (each | 5 gms |
| 3. | Determination of Pilserent pensitie | | J lach |
| 4. | Determination of viscosity |) . | |
| 5. | retermination of angle of repose | 4 | 4 |
| 6. | (A 89 B Batch) | | |
| 7. | | | |
| 8. | | | |
| 9. | | | |
| 10. | | | |
| 11. | | | |
| 12. | | | |
| 13. | | | |

Remark of Academic Incharge:

Date: 28/2/23

Batisfactory Signature of Academic Incharge Signature of Lecturer

