



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(D. Pharm., B. Pharm., M. Pharm., Ph.D.)

Approved by AICTE & PCI, New Delhi

Recognized by Govt. of Maharashtra, DTE (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

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Prin. Bhausaheb G. Jadhav
Exec. President

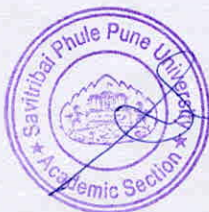
Shri. Kishor H. Mungale
Secretary


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PROGRAMME & COURSE OFFERED AT MMCOP

(A.Y. 2015-16 to A.Y. 2019-20)

Sr. No.	Name of Programme	Year	2019-2020		2018-2019		2017-2018		2016-2017		2015-2016	
			Pattern	Nos. of Courses	Pattern	Nos. of Courses	Pattern	Nos. of Courses	Pattern	Nos. of Courses	Pattern	Nos. of Courses
1.	B. Pharm	F. Y. B. Pharm	2019	21	2018	23	2015	22	2015	22	2015	22
		S. Y. B. Pharm	2018	17	2015	22	2015	22	2015	22	2013	22
		T. Y. B. Pharm	2015	24	2015	24	2015	24	2013	24	2013	24
		Final Y. B. Pharm	2015	24	2015	24	2013	24	2013	24	2008	12
Total			-	86	-	93	-	92	-	92	-	80
2.	M. Pharm Pharmaceutics	F. Y. M. Pharm	2019	12	2018	12	2013	14	2013	14	2013	14
		Final Y. M. Pharm	2018	07	2013	06	2013	06	2013	06	2013	06
3.	M. Pharm Pharmaceutical Quality Assurance	F. Y. M. Pharm	2019	12	2018	12	2013	14	2013	14	2013	14
		Final Y. M. Pharm	2018	07	2013	06	2013	06	2013	06	2013	06
4.	M. Pharm Pharmacognosy	F. Y. M. Pharm	2019	12	2018	12	2013	14	2013	14	2013	14
		Final Y. M. Pharm	2018	07	2013	06	2013	06	2013	06	2013	06
Total			-	57	-	54	-	60	-	60	-	60
Grand Total			-	143	-	147	-	152	-	152	-	140




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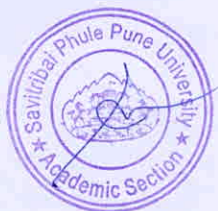
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Courses Offered

(2019-20)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
1.	B. Pharm	Human Anatomy and Physiology I-Theory	BP101T	First Year B. Pharm (Semester-I) (2019- Pattern) (Introduction Year: 2019-20)
2.		Pharmaceutical Analysis I-Theory	BP102T	
3.		Pharmaceutics I-Theory	BP103T	
4.		Pharmaceutical Inorganic Chemistry-Theory	BP104T	
5.		Communication Skills-Theory	BP105T	
6.		Remedial Mathematics -Theory	BP106RMT	
7.		Human Anatomy and Physiology -Practical	BP107P	
8.		Pharmaceutical Analysis I-Practical	BP108P	
9.		Pharmaceutics I-Practical	BP109P	
10.		Pharmaceutical Inorganic Chemistry-Practical	BP110P	
11.		Communication Skills-Practical	BP111P	
12.		Human Anatomy and Physiology II-Theory	BP201T	First Year B. Pharm (Semester-II) (2019- Pattern) (Introduction Year: 2019-20)
13.		Pharmaceutical Organic Chemistry I-Theory	BP202T	
14.		Biochemistry-Theory	BP203T	
15.		Pathophysiology-Theory	BP204T	
16.		Computer Application in Pharmacy-Theory	BP205T	
17.		Environmental Science-Theory	BP206T	
18.		Human Anatomy and Physiology II-Practical	BP207P	
19.		Pharmaceutical Organic Chemistry I-Practical	BP208P	
20.		Biochemistry-Practical	BP209P	
21.		Computer Application in Pharmacy-Practical	BP210P	Second Year B. Pharm (Semester-III) (2018- Pattern) (Introduction Year: 2019-20)
22.		Pharmaceutical Organic Chemistry II-Theory	BP301T	
23.		Physical Pharmaceutics I-Theory	BP302T	
24.		Pharmaceutical Microbiology-Theory	BP303T	
25.		Pharmaceutical Engineering-Theory	BP304T	
26.		Pharmaceutical Organic Chemistry II-Practical	BP305P	
27.		Physical Pharmaceutics I-Practical	BP306P	
28.		Pharmaceutical Microbiology-Practical	BP307P	
29.		Pharmaceutical Engineering-Practical	BP308P	



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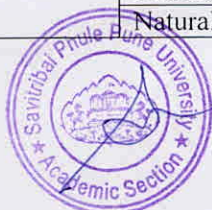
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Courses Offered

(2019-20)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
30.	B. Pharm	Pharmaceutical Organic Chemistry III	BP401T	Second Year B. Pharm (Semester-IV) (2018- Pattern) (Introduction Year: 2019-20)
31.		Medicinal Chemistry I	BP402T	
32.		Physical Pharmaceutics II	BP403T	
33.		Pharmacology I	BP404T	
34.		Pharmacognosy and Phytochemistry I	BP405T	
35.		Medicinal Chemistry I-Practical	BP406P	
36.		Physical Pharmaceutics II-Practical	BP407P	
37.		Pharmacology I-Practical	BP408P	
38.		Pharmacognosy and Phytochemistry I-Practical	BP409P	
39.		Industrial Pharmacy-I	3.5.1 T	Third Year B. Pharm (Semester-V) (2015- Pattern) (Introduction Year: 2017-18)
40.		Pharmaceutical Analysis III	3.5.2 T	
41.		Medicinal Chemistry-I	3.5.3 T	
42.		Pharmacology-II	3.5.4 T	
43.		Analytical Pharmacognosy & Extraction Technology	3.5.5 T	
44.		Pharmaceutical Business Management & Disaster Management	3.5.6 T	
45.		Active Pharmaceutical Ingredient Technology	3.5.7 T	
46.		Industrial Pharmacy-I	3.5.1 P	
47.		Pharmaceutical Analysis III	3.5.2 P	
48.		Medicinal Chemistry-I	3.5.3 P	
49.		Pharmacology-II	3.5.4 P	
50.		Analytical Pharmacognosy & Extraction Technology	3.5.5 P	
51.		Industrial Pharmacy-II	3.6.1 T	Third Year B. Pharm (Semester-VI) (2015- Pattern) (Introduction Year: 2017-18)
52.		Pharmaceutical Analysis IV	3.6.2 T	
53.		Medicinal Chemistry-II	3.6.3 T	
54.		Pharmacology-III	3.6.4 T	
55.		Natural Product Chemistry	3.6.5 T	
56.		Bioorganic Chemistry and Drug Design	3.6.6 T	
57.		Pharmaceutical Biotechnology	3.6.7 T	
58.		Industrial Pharmacy-II	3.6.1 P	
59.		Pharmaceutical Analysis IV	3.6.2 P	
60.		Medicinal Chemistry-II	3.6.3 P	
61.		Pharmacology-III	3.6.4 P	
62.	Natural Product Chemistry	3.6.5 P		



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Courses Offered

(2019-20)

Sr. No.	Name of Programme	Name of Course	Course Code	Year	
63.	B. Pharm	Sterile Products	4.7.1 T	Final Year B. Pharm (Semester-VII) (2015- Pattern) (Introduction Year: 2018-19)	
64.		Pharmaceutical Analysis V	4.7.2 T		
65.		Medicinal Chemistry-III	4.7.3 T		
66.		Pharmacology-IV	4.7.4 T		
67.		Natural Drug Technology	4.7.5 T		
68.		Biopharmaceutics and Pharmacokinetics	4.7.6 T		
69.		Pharmaceutical Jurisprudence	4.7.7 T		
70.		Sterile Products	4.7.1 P		
71.		Pharmaceutical Analysis V	4.7.2 P		
72.		Medicinal Chemistry-III	4.7.3 P		
73.		Pharmacology-IV	4.7.4 P		
74.		Natural Drug Technology	4.7.5 P		
75.		Advanced Drug Delivery System	4.8.1 T		Final Year B. Pharm (Semester-VIII) (2015- Pattern) (Introduction Year: 2018-19)
76.		Cosmetic science	4.8.2 T		
77.		Pharmaceutical Analysis VI	4.8.3 T		
78.		Medicinal Chemistry-IV	4.8.4 T		
79.		Pharmacology-V (Including Biostatistics)	4.8.5 T		
80.		Natural Product Commerce Industry and Regulation	4.8.6 T		
81.		Quality Assurance Techniques	4.8.7 T		
82.		Advanced Drug Delivery System	4.8.1 P		
83.		Cosmetic science	4.8.2 P		
84.		Pharmaceutical Analysis VI	4.8.3 P		
85.		Medicinal Chemistry-IV	4.8.4 P		
86.		Pharmacology-V (Including Biostatistics)	4.8.5 P		




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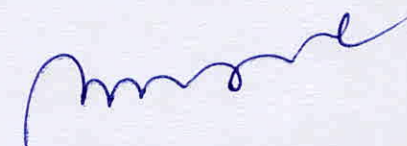
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(2019-20)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
87.	M. Pharm Pharmaceutics	Modern Pharmaceutical Analytical Techniques	MPAT101T	First Year M. Pharm {Pharmaceutics} (Semester-I) (2019- Pattern) (Introduction Year: 2019-20)
88.		Drug Delivery System	MPH102T	
89.		Modern Pharmaceutics	MPH103T	
90.		Regulatory Affair	MPH104T	
91.		Pharmaceutics Practical I	MPH105P	
92.		Seminar Assignment	-	
93.		Molecular Pharmaceutics (Nano Tech and Targeted DDS)	MPH201T	First Year M. Pharm {Pharmaceutics} (Semester-II) (2019- Pattern) (Introduction Year: 2019-20)
94.		Advanced Biopharmaceutics & Pharmacokinetics	MPH202T	
95.		Computer Aided Drug Development	MPH203T	
96.		Cosmetic & Cosmeceuticals	MPH204T	
97.		Pharmaceutics Practical II	MPH205P	
98.		Seminar Assignment	-	
99.		Research Methodology & Biostatistics	MRM301T	Final Year M. Pharm {Pharmaceutics} (Semester-III) (2018- Pattern) (Introduction Year: 2019-20)
100.		Journal club	-	
101.		Discussion/Presentation (Proposal Presentation)	-	
102.	Research Work	-		
103.	Journal club	-	Final Year M. Pharm {Pharmaceutics} (Semester-IV) (2018- Pattern) (Introduction Year: 2019-20)	
104.	Discussion/Presentation (Proposal Presentation)	-		
105.	Research Work and Colloquium	-		




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(2019-20)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
106.	M. Pharm Pharmaceutical Quality Assurance	Modern Pharmaceutical Analytical Techniques	MPAT101T	First Year M. Pharm {Pharmaceutical Quality Assurance} (Semester-I) (2019- Pattern) (Introduction Year: 2019-20)
107.		Quality Management System	MQA102T	
108.		Quality Control and Quality Assurance	MQA103T	
109.		Product Development and Technology Transfer	MQA104T	
110.		Pharmaceutical Quality Assurance Practical I	MQA105P	
111.		Seminar Assignment	-	
112.		Hazards and Safety Management	MQA201T	First Year M. Pharm {Pharmaceutical Quality Assurance} (Semester-II) (2019- Pattern) (Introduction Year: 2019-20)
113.		Pharmaceutical Validation	MQA202T	
114.		Audits and Regulatory Compliance	MQA203T	
115.		Pharmaceutical Manufacturing Technology	MQA204T	
116.		Pharmaceutical Quality Assurance Practical II	MQA205P	
117.		Seminar Assignment	-	
118.		Research Methodology & Biostatistics	MRM301T	Final Year M. Pharm {Pharmaceutical Quality Assurance} (Semester-III) (2018- Pattern) (Introduction Year: 2019-20)
119.		Journal club	-	
120.		Discussion/Presentation (Proposal Presentation)	-	
121.		Research Work	-	
122.		Journal club	-	
123.		Discussion/Presentation (Proposal Presentation)	-	
124.		Research Work and Colloquium	-	Final Year M. Pharm {Pharmaceutical Quality Assurance} (Semester-IV) (2018- Pattern) (Introduction Year: 2019-20)



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(2019-20)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
125.	M. Pharm Pharmacognosy	Modern Pharmaceutical Analytical Techniques	MPAT101T	First Year M. Pharm {Pharmacognosy} (Semester-I) (2019- Pattern) (Introduction Year: 2019-20)
126.		Advanced Pharmacognosy-I	MPG102T	
127.		Phytochemistry	MPG103T	
128.		Industrial Pharmacognostical Technology	MPG104T	
129.		Pharmacognosy Practical I	MPG105P	
130.		Seminar Assignment	-	
131.		Medicinal Plant Biotechnology	MPG201T	First Year M. Pharm {Pharmacognosy} (Semester-II) (2019- Pattern) (Introduction Year: 2019-20)
132.		Advanced Pharmacognosy – II	MPG202T	
133.		Indian System of Medicine	MPG203T	
134.		Herbal cosmetics	MPG204T	
135.		Pharmacognosy Practical II	MPG205P	
136.		Seminar Assignment	-	Final Year M. Pharm {Pharmacognosy} (Semester-III) (2018- Pattern) (Introduction Year: 2019-20)
137.		Research Methodology & Biostatistics	MRM301T	
138.		Journal club	-	
139.	Discussion/Presentation (Proposal Presentation)	-		
140.	Research Work	-	Final Year M. Pharm {Pharmacognosy} (Semester-IV) (2018- Pattern) (Introduction Year: 2019-20)	
141.	Journal club	-		
142.	Discussion/Presentation (Proposal Presentation)	-		
143.	Research Work and Colloquium	-		




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(2018-19)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
1.	B. Pharm	Human Anatomy and Physiology I	BP101	First Year B. Pharm (Semester-I) (2018- Pattern) (Introduction Year: 2018-19)
2.		Pharmaceutical Analysis I	BP102	
3.		Pharmaceutics I	BP103	
4.		Pharmaceutical Inorganic Chemistry	BP104	
5.		Communication Skills	BP105	
6.		Remedial Mathematics	BP106RMT	
7.		Remedial Biology	BP106RBT	
8.		Human Anatomy and Physiology I	BP107P	
9.		Pharmaceutical Analysis I	BP108P	
10.		Pharmaceutics I	BP109P	
11.		Pharmaceutical Inorganic Chemistry	BP110P	
12.		Communication Skills	BP111P	
13.		Remedial Biology Practical	BP112RBP	
14.		Human Anatomy and Physiology II	BP201T	First Year B. Pharm (Semester-II) (2018- Pattern) (Introduction Year: 2018-19)
15.		Pharmaceutical Organic Chemistry II	BP202T	
16.		Biochemistry	BP203T	
17.		Pathophysiology	BP204T	
18.		Environmental Science	BP205T	
19.		Computer Application in Pharmacy	BP206T	
20.		Human Anatomy and Physiology II	BP207P	
21.		Pharmaceutical Organic Chemistry II	BP208P	
22.		Biochemistry	BP209P	
23.		Computer Application in Pharmacy	BP210P	
24.		Physical Pharmaceutics- I	2.3.1 T	
25.		Pharmaceutical Microbiology	2.3.2 T	
26.		Pharmaceutical Biochemistry	2.3.3 T	
27.		Pharmaceutical Organic Chemistry-III	2.3.4 T	
28.		Pharmacology I	2.3.5 T	
29.		Pharmacognosy & Phytochemistry - I	2.3.6 T	
30.		Physical Pharmaceutics- I	2.3.1 P	
31.		Pharmaceutical Microbiology	2.3.2 P	
32.		Pharmaceutical Biochemistry	2.3.3 P	
33.		Pharmaceutical Organic Chemistry-III	2.3.4 P	
34.		Pharmacognosy & Phytochemistry - I	2.3.6 P	



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Courses Offered (2018-19)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
35.	B. Pharm	Physical Pharmaceutics- II	2.4.1 T	Second Year B. Pharm (Semester-IV) (2015- Pattern) (Introduction Year: 2016-17)
36.		Pathophysiology & Clinical Biochemistry	2.4.2 T	
37.		Pharmaceutical Organic Chemistry-IV	2.4.3 T	
38.		Pharmaceutical Analysis-II	2.4.4 T	
39.		Pharmacognosy & Phytochemistry - II	2.4.5 T	
40.		Pharmaceutical Engineering	2.4.6 T	
41.		Physical Pharmaceutics- II	2.4.1 P	
42.		Pathophysiology & Clinical Biochemistry	2.4.2 P	
43.		Pharmaceutical Organic Chemistry-IV	2.4.3 P	
44.		Pharmaceutical Analysis-II	2.4.4 P	
45.		Pharmacognosy & Phytochemistry - II	2.4.5 P	
46.		Industrial Pharmacy-I	3.5.1 T	
47.		Pharmaceutical Analysis III	3.5.2 T	
48.		Medicinal Chemistry-I	3.5.3 T	
49.		Pharmacology-II	3.5.4 T	
50.		Analytical Pharmacognosy & Extraction Technology	3.5.5 T	
51.		Pharmaceutical Business Management & Disaster Management	3.5.6 T	
52.		Active Pharmaceutical Ingredient Technology	3.5.7 T	
53.		Industrial Pharmacy-I	3.5.1 P	
54.		Pharmaceutical Analysis III	3.5.2 P	
55.		Medicinal Chemistry-I	3.5.3 P	
56.		Pharmacology-II	3.5.4 P	
57.		Analytical Pharmacognosy & Extraction Technology	3.5.5 P	Third Year B. Pharm (Semester-VI) (2015- Pattern) (Introduction Year: 2017-18)
58.		Industrial Pharmacy-II	3.6.1 T	
59.		Pharmaceutical Analysis IV	3.6.2 T	
60.		Medicinal Chemistry-II	3.6.3 T	
61.		Pharmacology-III	3.6.4 T	
62.		Natural Product Chemistry	3.6.5 T	
63.		Bioorganic Chemistry and Drug Design	3.6.6 T	
64.		Pharmaceutical Biotechnology	3.6.7 T	
65.		Industrial Pharmacy-II	3.6.1 P	
66.		Pharmaceutical Analysis IV	3.6.2 P	
67.		Medicinal Chemistry-II	3.6.3 P	
68.	Pharmacology-III	3.6.4 P		
69.	Natural Product Chemistry	3.6.5 P		



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Courses Offered

(2018-19)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
70.	B. Pharm	Sterile Products	4.7.1 T	Final Year B. Pharm (Semester-VII) (2015- Pattern) (Introduction Year: 2018-19)
71.		Pharmaceutical Analysis V	4.7.2 T	
72.		Medicinal Chemistry-III	4.7.3 T	
73.		Pharmacology-IV	4.7.4 T	
74.		Natural Drug Technology	4.7.5 T	
75.		Biopharmaceutics and Pharmacokinetics	4.7.6 T	
76.		Pharmaceutical Jurisprudence	4.7.7 T	
77.		Sterile Products	4.7.1 P	
78.		Pharmaceutical Analysis V	4.7.2 P	
79.		Medicinal Chemistry-III	4.7.3 P	
80.		Pharmacology-IV	4.7.4 P	
81.		Natural Drug Technology	4.7.5 P	
82.		Advanced Drug Delivery System	4.8.1 T	Final Year B. Pharm (Semester-VIII) (2015- Pattern) (Introduction Year: 2018-19)
83.		Cosmetic science	4.8.2 T	
84.		Pharmaceutical Analysis VI	4.8.3 T	
85.		Medicinal Chemistry-IV	4.8.4 T	
86.		Pharmacology-V (Including Biostatistics)	4.8.5 T	
87.		Natural Product Commerce Industry and Regulation	4.8.6 T	
88.		Quality Assurance Techniques	4.8.7 T	
89.		Advanced Drug Delivery System	4.8.1 P	
90.		Cosmetic science	4.8.2 P	
91.		Pharmaceutical Analysis VI	4.8.3 P	
92.		Medicinal Chemistry-IV	4.8.4 P	
93.		Pharmacology-V (Including Biostatistics)	4.8.5 P	



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Courses Offered

(2018-19)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
94.	M. Pharm Pharmaceutics	Modern Pharmaceutical Analytical Techniques	MPAT101T	First Year M. Pharm {Pharmaceutics} (Semester-I) (2018- Pattern) (Introduction Year: 2018-19)
95.		Drug Delivery System	MPH102T	
96.		Modern Pharmaceutics	MPH103T	
97.		Regulatory Affair	MPH104T	
98.		Pharmaceutics Practical I	MPH105P	
99.		Seminar Assignment	-	
100.		Molecular Pharmaceutics (Nano Tech and Targeted DDS)	MPH201T	First Year M. Pharm {Pharmaceutics} (Semester-II) (2018- Pattern) (Introduction Year: 2018-19)
101.		Advanced Biopharmaceutics & Pharmacokinetics	MPH202T	
102.		Computer Aided Drug Development	MPH203T	
103.		Cosmetic & Cosmeceuticals	MPH204T	
104.		Pharmaceutics Practical II	MPH205P	
105.	Seminar Assignment	-	Final Year M. Pharm {Pharmaceutics} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)	
106.	Seminar on Research Envisaged for Dissertation	-		
107.	Seminar on recent trends in Pharmaceutical Sciences	-		
108.	Research work	-		
109.	Seminar on Dissertation	-	Final Year M. Pharm {Pharmaceutics} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15))	
110.	Research work	-		
111.	Dissertation & Defence (viva/voce)	-		




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Courses Offered

(2018-19)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
112.	M. Pharm Pharmaceutical Quality Assurance/Quality Assurance Techniques	Modern Pharmaceutical Analytical Techniques	MPAT101T	First Year M. Pharm {Pharmaceutical Quality Assurance} (Semester-I) (2018- Pattern) (Introduction Year: 2018-19)
113.		Quality Management System	MQA102T	
114.		Quality Control and Quality Assurance	MQA103T	
115.		Product Development and Technology Transfer	MQA104T	
116.		Pharmaceutical Quality Assurance Practical I	MQA105P	
117.		Seminar Assignment	-	
118.		Hazards and Safety Management	MQA201T	First Year M. Pharm {Pharmaceutical Quality Assurance} (Semester-II) (2018- Pattern) (Introduction Year: 2018-19)
119.		Pharmaceutical Validation	MQA202T	
120.		Audits and Regulatory Compliance	MQA203T	
121.		Pharmaceutical Manufacturing Technology	MQA204T	
122.		Pharmaceutical Quality Assurance Practical II	MQA205P	
123.		Seminar Assignment	-	
124.		Seminar on Research Envisaged for Dissertation	-	Final Year M. Pharm {Quality Assurance Techniques} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)
125.		Seminar on recent trends in Quality Assurance Techniques	-	
126.		Research work	-	
127.		Seminar on Dissertation	-	Final Year M. Pharm {Quality Assurance Techniques} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15)
128.		Research work	-	
129.		Dissertation & Defence (viva/voce)	-	



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(2018-19)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
130.	M. Pharm Pharmacognosy	Modern Pharmaceutical Analytical Techniques	MPAT101T	First Year M. Pharm {Pharmacognosy} (Semester-I) (2018- Pattern) (Introduction Year: 2018-19)
131.		Advanced Pharmacognosy-1	MPG102T	
132.		Phytochemistry	MPG103T	
133.		Industrial Pharmacognostical Technology	MPG104T	
134.		Pharmacognosy Practical I	MPG105P	
135.		Seminar Assignment	-	
136.		Medicinal Plant Biotechnology	MPG201T	
137.		Advanced Pharmacognosy - II	MPG202T	
138.		Indian System of Medicine	MPG203T	
139.		Herbal cosmetics	MPG204T	
140.		Pharmacognosy Practical II	MPG205P	
141.		Seminar Assignment	-	
142.		Seminar on Research Envisaged for Dissertation	-	Final Year M. Pharm {Pharmacognosy} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)
143.		Seminar on recent trends in Pharmacognosy	-	
144.		Research work	-	
145.		Seminar on Dissertation	-	Final Year M. Pharm {Pharmacognosy} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15)
146.		Research work	-	
147.	Dissertation & Defence (viva/voce)	-		




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(2017-18)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
1.	B. Pharm	Pharmaceutics	1.1.1 T	First Year B. Pharm (Semester-I) (2015- Pattern) (Introduction Year: 2015-16)
2.		Modern Dispensing Practices	1.1.2 T	
3.		Pharmaceutical Inorganic Chemistry	1.1.3 T	
4.		Pharmaceutical Organic Chemistry I	1.1.4 T	
5.		Human Anatomy and Physiology I	1.1.5 T	
6.		Communication and Soft Skill Development	1.1.6 T	
7.		Pharmaceutics I	1.1.1 P	
8.		Modern Dispensing Practices	1.1.2 P	
9.		Pharmaceutical Inorganic Chemistry	1.1.3 P	
10.		Pharmaceutical Organic Chemistry I	1.1.4 P	
11.		Human Anatomy and Physiology I	1.1.5 P	
12.		Pharmaceutics II	1.2.1 T	First Year B. Pharm (Semester-II) (2015- Pattern) (Introduction Year: 2015-16)
13.		Dosage Form Design	1.2.2 T	
14.		Pharmaceutical Organic Chemistry II	1.2.3 T	
15.		Human Anatomy and Physiology II	1.2.4 T	
16.		Pharmacognosy	1.2.5 T	
17.		Pharmaceutical Analysis I	1.2.6 T	
18.		Dosage Form Design	1.2.2 P	
19.		Pharmaceutical Organic Chemistry II	1.2.3 P	
20.		Human Anatomy and Physiology II	1.2.4 P	
21.		Pharmacognosy	1.2.5 P	
22.		Pharmaceutical Analysis I	1.2.6 P	
23.		Physical Pharmaceutics- I	2.3.1 T	Second Year B. Pharm (Semester-III) (2015- Pattern) (Introduction Year: 2016-17)
24.		Pharmaceutical Microbiology	2.3.2 T	
25.		Pharmaceutical Biochemistry	2.3.3 T	
26.		Pharmaceutical Organic Chemistry-III	2.3.4 T	
27.		Pharmacology I	2.3.5 T	
28.		Pharmacognosy & Phytochemistry - I	2.3.6 T	
29.		Physical Pharmaceutics- I	2.3.1 P	
30.		Pharmaceutical Microbiology	2.3.2 P	
31.		Pharmaceutical Biochemistry	2.3.3 P	
32.		Pharmaceutical Organic Chemistry-III	2.3.4 P	
33.		Pharmacognosy & Phytochemistry - I	2.3.6 P	



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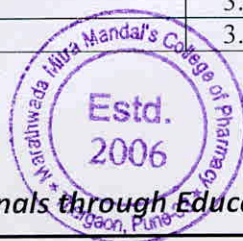
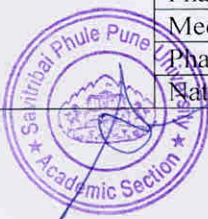
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Courses Offered (2017-18)

Sr. No.	Name of Programme	Name of Course	Course Code	Year	
34.	B. Pharm	Physical Pharmaceutics- II	2.4.1 T	Second Year B. Pharm (Semester-IV) (2015- Pattern) (Introduction Year: 2016-17)	
35.		Pathophysiology & Clinical Biochemistry	2.4.2 T		
36.		Pharmaceutical Organic Chemistry-IV	2.4.3 T		
37.		Pharmaceutical Analysis-II	2.4.4 T		
38.		Pharmacognosy & Phytochemistry - II	2.4.5 T		
39.		Pharmaceutical Engineering	2.4.6 T		
40.		Physical Pharmaceutics- II	2.4.1 P		
41.		Pathophysiology & Clinical Biochemistry	2.4.2 P		
42.		Pharmaceutical Organic Chemistry-IV	2.4.3 P		
43.		Pharmaceutical Analysis-II	2.4.4 P		
44.		Pharmacognosy & Phytochemistry - II	2.4.5 P		
45.		Industrial Pharmacy-I	3.5.1 T		Third Year B. Pharm (Semester-V) (2015- Pattern) (Introduction Year: 2017-18)
46.		Pharmaceutical Analysis III	3.5.2 T		
47.		Medicinal Chemistry-I	3.5.3 T		
48.		Pharmacology-II	3.5.4 T		
49.		Analytical Pharmacognosy & Extraction Technology	3.5.5 T		
50.		Pharmaceutical Business Management & Disaster Management	3.5.6 T		
51.		Active Pharmaceutical Ingredient Technology	3.5.7 T		
52.		Industrial Pharmacy-I	3.5.1 P		
53.		Pharmaceutical Analysis III	3.5.2 P		
54.		Medicinal Chemistry-I	3.5.3 P		
55.		Pharmacology-II	3.5.4 P		
56.		Analytical Pharmacognosy & Extraction Technology	3.5.5 P		
57.		Industrial Pharmacy-II	3.6.1 T	Third Year B. Pharm (Semester-VI) (2015- Pattern) (Introduction Year: 2017-18)	
58.		Pharmaceutical Analysis IV	3.6.2 T		
59.		Medicinal Chemistry-II	3.6.3 T		
60.		Pharmacology-III	3.6.4 T		
61.		Natural Product Chemistry	3.6.5 T		
62.		Bioorganic Chemistry and Drug Design	3.6.6 T		
63.		Pharmaceutical Biotechnology	3.6.7 T		
64.		Industrial Pharmacy-II	3.6.1 P		
65.		Pharmaceutical Analysis IV	3.6.2 P		
66.		Medicinal Chemistry-II	3.6.3 P		
67.		Pharmacology-III	3.6.4 P		
68.	Natural Product Chemistry	3.6.5 P			



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(2017-18)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
69.	B. Pharm	Sterile Products	4.7.1 T	Final Year B. Pharm (Semester-VII) (2013- Pattern) (Introduction Year: 2016-17)
70.		Pharmaceutical Analysis V	4.7.2 T	
71.		Medicinal Chemistry-III	4.7.3 T	
72.		Pharmacology-IV	4.7.4 T	
73.		Natural Drug Technology	4.7.5 T	
74.		Biopharmaceutics and Pharmacokinetics	4.7.6 T	
75.		Pharmaceutical Jurisprudence	4.7.7 T	
76.		Sterile Products	4.7.1 P	
77.		Pharmaceutical Analysis V	4.7.2 P	
78.		Medicinal Chemistry-III	4.7.3 P	
79.		Pharmacology-IV	4.7.4 P	
80.		Natural Drug Technology	4.7.5 P	
81.		Advanced Drug Delivery System	4.8.1 T	Final Year B. Pharm (Semester-VIII) (2013- Pattern) (Introduction Year: 2016-17)
82.		Cosmetic science	4.8.2 T	
83.		Pharmaceutical Analysis VI	4.8.3 T	
84.		Medicinal Chemistry-IV	4.8.4 T	
85.		Pharmacology-V (Including Biostatistics)	4.8.5 T	
86.		Natural Product Commerce Industry and Regulation	4.8.6 T	
87.		Quality Assurance Techniques	4.8.7 T	
88.		Advanced Drug Delivery System	4.8.1 P	
89.		Cosmetic science	4.8.2 P	
90.		Pharmaceutical Analysis VI	4.8.3 P	
91.		Medicinal Chemistry-IV	4.8.4 P	
92.		Pharmacology-V (Including Biostatistics)	4.8.5 P	



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(2017-18)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
93.	M. Pharm Pharmaceutics	Advanced Analytical Techniques	M	First Year M. Pharm {Pharmaceutics} (Semester-I) (2013- Pattern) (Introduction Year: 2013-14)
94.		Research Methodology	M-2	
95.		Advanced Pharmaceutics	M-I-1	
96.		Sterile Product and Formulation Technology	M-I-2	
97.		Advanced Analytical Techniques Practical	M	
98.		Advanced Pharmaceutics Practical	M-I-1	
99.		Seminar Assignment	-	First Year M. Pharm {Pharmaceutics} (Semester-II) (2013- Pattern) (Introduction Year: 2013-14)
100.		Formulations & Development	M-I-3	
101.		Drug Regulatory Affairs	M-3	
102.		Novel Drug Delivery Systems	M-I-4	
103.		Biopharmaceutics	M-I-5	
104.		Formulations & Development Practical	M-I-3	
105.		Seminar Assignment	-	Final Year M. Pharm {Pharmaceutics} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)
106.		Research work	-	
107.		Seminar on Research Envisaged for Dissertation	-	
108.		Seminar on recent trends in Pharmaceutical Sciences	-	
109.	Research work	-	Final Year M. Pharm {Pharmaceutics} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15))	
110.	Seminar on Dissertation	-		
111.	Research work	-		
112.	Dissertation & Defence (viva/voce)	-		



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(2017-18)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
113.	M. Pharm Quality Assurance Techniques	Advanced Analytical Techniques	M	First Year M. Pharm {Quality Assurance Techniques} (Semester-I) (2013- Pattern) (Introduction Year: 2013-14)
114.		Research Methodology	M-2	
115.		Advanced Quality Assurance Techniques (CGMP & Documentation)	M-I-1	
116.		Sterile Product and Formulation Technology	M-I-2	
117.		Advanced Analytical Techniques Practical	M	
118.		Advanced Quality Assurance Techniques (CGMP & Documentation) Practical	M-I-1	
119.		Seminar Assignment	-	
120.		Pharmaceutical Validation	M-I-3	First Year M. Pharm {Quality Assurance Techniques} (Semester-II) (2013- Pattern) (Introduction Year: 2013-14)
121.		Drug Regulatory Affairs	M-3	
122.		Quality Planning and Analysis	M-I-4	
123.		Biopharmaceutics	M-I-5	
124.		Pharmaceutical Validation Practical	M-I-3	
125.		Seminar Assignment	-	
126.		Research work	-	
127.		Seminar on Research Envisaged for Dissertation	-	Final Year M. Pharm {Quality Assurance Techniques} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)
128.		Seminar on recent trends in Quality Assurance Techniques	-	
129.	Research work	-		
130.	Seminar on Dissertation	-	Final Year M. Pharm {Quality Assurance Techniques} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15)	
131.	Research work	-		
132.	Dissertation & Defence (viva/voce)	-		




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Sr. No.	Name of Programme	Name of Course	Course Code	Year	
133.	M. Pharm Pharmacognosy	Advanced Analytical Techniques	M	First Year M. Pharm {Pharmacognosy} (Semester-I) (2013- Pattern) (Introduction Year: 2013-14)	
134.		Research Methodology	M-2		
135.		Advanced Pharmacognosy	M-I-1		
136.		Sterile Product and Formulation Technology	M-I-2		
137.		Advanced Analytical Techniques Practical	M		
138.		Advanced Pharmacognosy Practical	M-I-1		
139.		Seminar Assignment	-		
140.		Phytochemistry & Phytopharmaceuticals	M-I-3		First Year M. Pharm {Pharmacognosy} (Semester-II) (2013- Pattern) (Introduction Year: 2013-14)
141.		Drug Regulatory Affairs	M-3		
142.		Industrial Pharmacognosy	M-I-4		
143.		Biopharmaceutics	M-I-5		
144.		Phytochemistry & Phytopharmaceuticals Practical	M-I-3		
145.		Seminar Assignment	-		
146.		Research work	-	Final Year M. Pharm {Pharmacognosy} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)	
147.		Seminar on Research Envisaged for Dissertation	-		
148.		Seminar on recent trends in Pharmacognosy	-		
149.		Research work	-		
150.		Seminar on Dissertation	-	Final Year M. Pharm {Pharmacognosy} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15)	
151.		Research work	-		
152.	Dissertation & Defence (viva/voce)	-			




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MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(D. Pharm., B. Pharm., M. Pharm., Ph.D.)

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Shri. Kishor H. Mungale
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Courses Offered

(2016-17)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
1.	B. Pharm	Pharmaceutics	1.1.1 T	First Year B. Pharm (Semester-I) (2015- Pattern) (Introduction Year: 2015-16)
2.		Modern Dispensing Practices	1.1.2 T	
3.		Pharmaceutical Inorganic Chemistry	1.1.3 T	
4.		Pharmaceutical Organic Chemistry I	1.1.4 T	
5.		Human Anatomy and Physiology I	1.1.5 T	
6.		Communication and Soft Skill Development	1.1.6 T	
7.		Pharmaceutics I	1.1.1 P	
8.		Modern Dispensing Practices	1.1.2 P	
9.		Pharmaceutical Inorganic Chemistry	1.1.3 P	
10.		Pharmaceutical Organic Chemistry I	1.1.4 P	
11.		Human Anatomy and Physiology I	1.1.5 P	
12.		Pharmaceutics II	1.2.1 T	
13.		Dosage Form Design	1.2.2 T	
14.		Pharmaceutical Organic Chemistry II	1.2.3 T	
15.		Human Anatomy and Physiology II	1.2.4 T	
16.		Pharmacognosy	1.2.5 T	
17.		Pharmaceutical Analysis I	1.2.6 T	
18.		Dosage Form Design	1.2.2 P	
19.		Pharmaceutical Organic Chemistry II	1.2.3 P	
20.		Human Anatomy and Physiology II	1.2.4 P	
21.		Pharmacognosy	1.2.5 P	
22.		Pharmaceutical Analysis I	1.2.6 P	
23.		Physical Pharmaceutics- I	2.3.1 T	Second Year B. Pharm (Semester-III) (2015- Pattern) (Introduction Year: 2016-17)
24.		Pharmaceutical Microbiology	2.3.2 T	
25.		Pharmaceutical Biochemistry	2.3.3 T	
26.		Pharmaceutical Organic Chemistry-III	2.3.4 T	
27.		Pharmacology I	2.3.5 T	
28.		Pharmacognosy & Phytochemistry - I	2.3.6 T	
29.		Physical Pharmaceutics- I	2.3.1 P	
30.		Pharmaceutical Microbiology	2.3.2 P	
31.		Pharmaceutical Biochemistry	2.3.3 P	
32.		Pharmaceutical Organic Chemistry-III	2.3.4 P	
33.		Pharmacognosy & Phytochemistry - I	2.3.6 P	



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Courses Offered (2016-17)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
34.	B. Pharm	Physical Pharmaceutics- II	2.4.1 T	Second Year B. Pharm (Semester-IV) (2015- Pattern) (Introduction Year: 2016-17)
35.		Pathophysiology & Clinical Biochemistry	2.4.2 T	
36.		Pharmaceutical Organic Chemistry-IV	2.4.3 T	
37.		Pharmaceutical Analysis-II	2.4.4 T	
38.		Pharmacognosy & Phytochemistry - II	2.4.5 T	
39.		Pharmaceutical Engineering	2.4.6 T	
40.		Physical Pharmaceutics- II	2.4.1 P	
41.		Pathophysiology & Clinical Biochemistry	2.4.2 P	
42.		Pharmaceutical Organic Chemistry-IV	2.4.3 P	
43.		Pharmaceutical Analysis-II	2.4.4 P	
44.		Pharmacognosy & Phytochemistry - II	2.4.5 P	
45.		Industrial Pharmacy-I	3.5.1 T	Third Year B. Pharm (Semester-V) (2013- Pattern) (Introduction Year: 2015-16)
46.		Pharmaceutical Analysis III	3.5.2 T	
47.		Medicinal Chemistry-I	3.5.3 T	
48.		Pharmacology-II	3.5.4 T	
49.		Analytical Pharmacognosy & Extraction Technology	3.5.5 T	
50.		Pharmaceutical Business Management & Disaster Management	3.5.6 T	
51.		Active Pharmaceutical Ingredient Technology	3.5.7 T	
52.		Industrial Pharmacy-I	3.5.1 P	
53.		Pharmaceutical Analysis III	3.5.2 P	
54.		Medicinal Chemistry-I	3.5.3 P	
55.		Pharmacology-II	3.5.4 P	
56.		Analytical Pharmacognosy & Extraction Technology	3.5.5 P	Third Year B. Pharm (Semester-VI) (2013- Pattern) (Introduction Year: 2015-16)
57.		Industrial Pharmacy-II	3.6.1 T	
58.		Pharmaceutical Analysis IV	3.6.2 T	
59.		Medicinal Chemistry-II	3.6.3 T	
60.		Pharmacology-III	3.6.4 T	
61.		Natural Product Chemistry	3.6.5 T	
62.		Bioorganic Chemistry and Drug Design	3.6.6 T	
63.		Pharmaceutical Biotechnology	3.6.7 T	
64.		Industrial Pharmacy-II	3.6.1 P	
65.		Pharmaceutical Analysis IV	3.6.2 P	
66.		Medicinal Chemistry-II	3.6.3 P	
67.		Pharmacology-III	3.6.4 P	
68.	Natural Product Chemistry	3.6.5 P		



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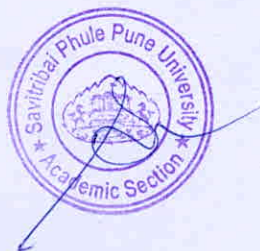
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Courses Offered

(2016-17)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
69.	B. Pharm	Sterile Products	4.7.1 T	Final Year B. Pharm (Semester-VII) (2013- Pattern) (Introduction Year: 2016-17)
70.		Pharmaceutical Analysis V	4.7.2 T	
71.		Medicinal Chemistry-III	4.7.3 T	
72.		Pharmacology-IV	4.7.4 T	
73.		Natural Drug Technology	4.7.5 T	
74.		Biopharmaceutics and Pharmacokinetics	4.7.6 T	
75.		Pharmaceutical Jurisprudence	4.7.7 T	
76.		Sterile Products	4.7.1 P	
77.		Pharmaceutical Analysis V	4.7.2 P	
78.		Medicinal Chemistry-III	4.7.3 P	
79.		Pharmacology-IV	4.7.4 P	
80.		Natural Drug Technology	4.7.5 P	
81.		Advanced Drug Delivery System	4.8.1 T	Final Year B. Pharm (Semester-VIII) (2013- Pattern) (Introduction Year: 2016-17)
82.		Cosmetic science	4.8.2 T	
83.		Pharmaceutical Analysis VI	4.8.3 T	
84.		Medicinal Chemistry-IV	4.8.4 T	
85.		Pharmacology-V (Including Biostatistics)	4.8.5 T	
86.		Natural Product Commerce Industry and Regulation	4.8.6 T	
87.		Quality Assurance Techniques	4.8.7 T	
88.		Advanced Drug Delivery System	4.8.1 P	
89.	Cosmetic science	4.8.2 P		
90.	Pharmaceutical Analysis VI	4.8.3 P		
91.	Medicinal Chemistry-IV	4.8.4 P		
92.	Pharmacology-V (Including Biostatistics)	4.8.5 P		




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Courses Offered

(2016-17)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
93.	M. Pharm Pharmaceutics	Advanced Analytical Techniques	M	First Year M. Pharm {Pharmaceutics} (Semester-I) (2013- Pattern) (Introduction Year: 2013-14)
94.		Research Methodology	M-2	
95.		Advanced Pharmaceutics	M-I-1	
96.		Sterile Product and Formulation Technology	M-I-2	
97.		Advanced Analytical Techniques Practical	M	
98.		Advanced Pharmaceutics Practical	M-I-1	
99.		Seminar Assignment	-	First Year M. Pharm {Pharmaceutics} (Semester-II) (2013- Pattern) (Introduction Year: 2013-14)
100.		Formulations & Development	M-I-3	
101.		Drug Regulatory Affairs	M-3	
102.		Novel Drug Delivery Systems	M-I-4	
103.		Biopharmaceutics	M-I-5	
104.		Formulations & Development Practical	M-I-3	
105.	Seminar Assignment	-	Final Year M. Pharm {Pharmaceutics} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)	
106.	Research work	-		
107.	Seminar on Research Envisaged for Dissertation	-		
108.	Seminar on recent trends in Pharmaceutical Sciences	-		
109.	Research work	-	Final Year M. Pharm {Pharmaceutics} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15))	
110.	Seminar on Dissertation	-		
111.	Research work	-		
112.	Dissertation & Defence (viva/voce)	-		



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(2016-17)

Sr. No.	Name of Programme	Name of Course	Course Code	Year	
113.	M. Pharm Quality Assurance Techniques	Advanced Analytical Techniques	M	First Year M. Pharm {Quality Assurance Techniques} (Semester-I) (2013- Pattern) (Introduction Year: 2013-14)	
114.		Research Methodology	M-2		
115.		Advanced Quality Assurance Techniques (CGMP & Documentation)	M-I-1		
116.		Sterile Product and Formulation Technology	M-I-2		
117.		Advanced Analytical Techniques Practical	M		
118.		Advanced Quality Assurance Techniques (CGMP & Documentation) Practical	M-I-1		
119.		Seminar Assignment	-		
120.		Pharmaceutical Validation	M-I-3		First Year M. Pharm {Quality Assurance Techniques} (Semester-II) (2013- Pattern) (Introduction Year: 2013-14)
121.		Drug Regulatory Affairs	M-3		
122.		Quality Planning and Analysis	M-I-4		
123.		Biopharmaceutics	M-I-5		
124.		Pharmaceutical Validation Practical	M-I-3		
125.		Seminar Assignment	-		
126.		Research work	-		
127.		Seminar on Research Envisaged for Dissertation	-	Final Year M. Pharm {Quality Assurance Techniques} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)	
128.		Seminar on recent trends in Quality Assurance Techniques	-		
129.		Research work	-		
130.		Seminar on Dissertation	-	Final Year M. Pharm {Quality Assurance Techniques} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15)	
131.		Research work	-		
132.	Dissertation & Defence (viva/voce)	-			



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(2016-17)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
133.	M. Pharm Pharmacognosy	Advanced Analytical Techniques	M	First Year M. Pharm {Pharmacognosy} (Semester-I) (2013- Pattern) (Introduction Year: 2013-14)
134.		Research Methodology	M-2	
135.		Advanced Pharmacognosy	M-I-1	
136.		Sterile Product and Formulation Technology	M-I-2	
137.		Advanced Analytical Techniques Practical	M	
138.		Advanced Pharmacognosy Practical	M-I-1	
139.		Seminar Assignment	-	
140.		Phytochemistry & Phytopharmaceuticals	M-I-3	First Year M. Pharm {Pharmacognosy} (Semester-II) (2013- Pattern) (Introduction Year: 2013-14)
141.		Drug Regulatory Affairs	M-3	
142.		Industrial Pharmacognosy	M-I-4	
143.		Biopharmaceutics	M-I-5	
144.		Phytochemistry & Phytopharmaceuticals Practical	M-I-3	
145.		Seminar Assignment	-	
146.		Research work	-	
147.		Seminar on Research Envisaged for Dissertation	-	Final Year M. Pharm {Pharmacognosy} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)
148.		Seminar on recent trends in Pharmacognosy	-	
149.		Research work	-	
150.		Seminar on Dissertation	-	Final Year M. Pharm {Pharmacognosy} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15)
151.		Research work	-	
152.	Dissertation & Defence (viva/voce)	-		




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(2015-16)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
1.	B. Pharm	Pharmaceutics	1.1.1 T	First Year B. Pharm (Semester-I) (2015- Pattern) (Introduction Year: 2015-16)
2.		Modern Dispensing Practices	1.1.2 T	
3.		Pharmaceutical Inorganic Chemistry	1.1.3 T	
4.		Pharmaceutical Organic Chemistry I	1.1.4 T	
5.		Human Anatomy and Physiology I	1.1.5 T	
6.		Communication and Soft Skill Development	1.1.6 T	
7.		Pharmaceutics I	1.1.1 P	
8.		Modern Dispensing Practices	1.1.2 P	
9.		Pharmaceutical Inorganic Chemistry	1.1.3 P	
10.		Pharmaceutical Organic Chemistry I	1.1.4 P	
11.		Human Anatomy and Physiology I	1.1.5 P	
12.		Pharmaceutics II	1.2.1 T	First Year B. Pharm (Semester-II) (2015- Pattern) (Introduction Year: 2015-16)
13.		Dosage Form Design	1.2.2 T	
14.		Pharmaceutical Organic Chemistry II	1.2.3 T	
15.		Human Anatomy and Physiology II	1.2.4 T	
16.		Pharmacognosy	1.2.5 T	
17.		Pharmaceutical Analysis I	1.2.6 T	
18.		Dosage Form Design	1.2.2 P	
19.		Pharmaceutical Organic Chemistry II	1.2.3 P	
20.		Human Anatomy and Physiology II	1.2.4 P	
21.		Pharmacognosy	1.2.5 P	
22.		Pharmaceutical Analysis I	1.2.6 P	
23.		Physical Pharmaceutics- I	2.3.1 T	Second Year B. Pharm (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)
24.		Pharmaceutical Microbiology	2.3.2 T	
25.		Pharmaceutical Biochemistry	2.3.3 T	
26.		Pharmaceutical Organic Chemistry-III	2.3.4 T	
27.		Pharmacology I	2.3.5 T	
28.		Pharmacognosy & Phytochemistry - I	2.3.6 T	
29.		Physical Pharmaceutics- I	2.3.1 P	
30.		Pharmaceutical Microbiology	2.3.2 P	
31.		Pharmaceutical Biochemistry	2.3.3 P	
32.		Pharmaceutical Organic Chemistry-III	2.3.4 P	
33.		Pharmacognosy & Phytochemistry - I	2.3.6 P	



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Courses Offered (2015-16)

Sr. No.	Name of Programme	Name of Course	Course Code	Year	
34.	B. Pharm	Physical Pharmaceutics- II	2.4.1 T	Second Year B. Pharm (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15)	
35.		Pathophysiology & Clinical Biochemistry	2.4.2 T		
36.		Pharmaceutical Organic Chemistry-IV	2.4.3 T		
37.		Pharmaceutical Analysis-II	2.4.4 T		
38.		Pharmacognosy & Phytochemistry - II	2.4.5 T		
39.		Pharmaceutical Engineering	2.4.6 T		
40.		Physical Pharmaceutics- II	2.4.1 P		
41.		Pathophysiology & Clinical Biochemistry	2.4.2 P		
42.		Pharmaceutical Organic Chemistry-IV	2.4.3 P		
43.		Pharmaceutical Analysis-II	2.4.4 P		
44.		Pharmacognosy & Phytochemistry - II	2.4.5 P		
45.		Industrial Pharmacy-I	3.5.1 T		Third Year B. Pharm (Semester-V) (2013- Pattern) (Introduction Year: 2015-16)
46.		Pharmaceutical Analysis III	3.5.2 T		
47.		Medicinal Chemistry-I	3.5.3 T		
48.		Pharmacology-II	3.5.4 T		
49.		Analytical Pharmacognosy & Extraction Technology	3.5.5 T		
50.		Pharmaceutical Business Management & Disaster Management	3.5.6 T		
51.		Active Pharmaceutical Ingredient Technology	3.5.7 T		
52.		Industrial Pharmacy-I	3.5.1 P		
53.		Pharmaceutical Analysis III	3.5.2 P		
54.		Medicinal Chemistry-I	3.5.3 P		
55.		Pharmacology-II	3.5.4 P		
56.		Analytical Pharmacognosy & Extraction Technology	3.5.5 P		
57.		Industrial Pharmacy-II	3.6.1 T	Third Year B. Pharm (Semester-VI) (2013- Pattern) (Introduction Year: 2015-16)	
58.		Pharmaceutical Analysis IV	3.6.2 T		
59.		Medicinal Chemistry-II	3.6.3 T		
60.		Pharmacology-III	3.6.4 T		
61.		Natural Product Chemistry	3.6.5 T		
62.		Bioorganic Chemistry and Drug Design	3.6.6 T		
63.		Pharmaceutical Biotechnology	3.6.7 T		
64.		Industrial Pharmacy-II	3.6.1 P		
65.		Pharmaceutical Analysis IV	3.6.2 P		
66.		Medicinal Chemistry-II	3.6.3 P		
67.		Pharmacology-III	3.6.4 P		
68.		Natural Product Chemistry	3.6.5 P		



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Courses Offered

(2015-16)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
69.	B. Pharm	Pharmaceutics-III	4.1	Final Year B. Pharm (Annual Pattern) (2008- Pattern) (Introduction Year: 2011-12)
70.		Biopharmaceutics and Pharmacokinetics	4.2	
71.		Medicinal Chemistry – II	4.3	
72.		Pharmaceutical Analysis-III	4.4	
73.		Pharmacology -III	4.5	
74.		Pharmacognosy-III	4.6	
75.		Pharmaceutical Jurisprudence	4.7	
76.		Pharmaceutics-III-Practical	4.1	
77.		Medicinal Chemistry – II-Practical	4.3	
78.		Pharmaceutical Analysis-III-Practical	4.4	
79.		Pharmacology -III-Practical	4.5	
80.		Pharmacognosy-III-Practical	4.6	



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Courses Offered

(2015-16)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
81.	M. Pharm Pharmaceutics	Advanced Analytical Techniques	M	First Year M. Pharm {Pharmaceutics} (Semester-I) (2013- Pattern) (Introduction Year: 2013-14)
82.		Research Methodology	M-2	
83.		Advanced Pharmaceutics	M-I-1	
84.		Sterile Product and Formulation Technology	M-I-2	
85.		Advanced Analytical Techniques Practical	M	
86.		Advanced Pharmaceutics Practical	M-I-1	
87.		Seminar Assignment	-	
88.		Formulations & Development	M-I-3	First Year M. Pharm {Pharmaceutics} (Semester-II) (2013- Pattern) (Introduction Year: 2013-14)
89.		Drug Regulatory Affairs	M-3	
90.		Novel Drug Delivery Systems	M-I-4	
91.		Biopharmaceutics	M-I-5	
92.		Formulations & Development Practical	M-I-3	
93.		Seminar Assignment	-	
94.		Research work	-	Final Year M. Pharm {Pharmaceutics} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)
95.		Seminar on Research Envisaged for Dissertation	-	
96.		Seminar on recent trends in Pharmaceutical Sciences	-	
97.		Research work	-	
98.		Seminar on Dissertation	-	Final Year M. Pharm {Pharmaceutics} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15))
99.		Research work	-	
100.		Dissertation & Defence (viva/voce)	-	




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(D. Pharm., B. Pharm., M. Pharm., Ph.D.)

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Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. – Accredited by National Board of Accreditation (NBA)

Courses Offered

(2015-16)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
101.	M. Pharm Quality Assurance Techniques	Advanced Analytical Techniques	M	First Year M. Pharm {Quality Assurance Techniques} (Semester-I) (2013- Pattern) (Introduction Year: 2013-14)
102.		Research Methodology	M-2	
103.		Advanced Quality Assurance Techniques (CGMP & Documentation)	M-I-1	
104.		Sterile Product and Formulation Technology	M-I-2	
105.		Advanced Analytical Techniques Practical	M	
106.		Advanced Quality Assurance Techniques (CGMP & Documentation) Practical	M-I-1	
107.		Seminar Assignment	-	
108.		Pharmaceutical Validation	M-I-3	First Year M. Pharm {Quality Assurance Techniques} (Semester-II) (2013- Pattern) (Introduction Year: 2013-14)
109.		Drug Regulatory Affairs	M-3	
110.		Quality Planning and Analysis	M-I-4	
111.		Biopharmaceutics	M-I-5	
112.		Pharmaceutical Validation Practical	M-I-3	
113.		Seminar Assignment	-	
114.		Research work	-	
115.		Seminar on Research Envisaged for Dissertation	-	Final Year M. Pharm {Quality Assurance Techniques} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)
116.		Seminar on recent trends in Quality Assurance Techniques	-	
117.		Research work	-	
118.		Seminar on Dissertation	-	Final Year M. Pharm {Quality Assurance Techniques} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15)
119.		Research work	-	
120.		Dissertation & Defence (viva/voce)	-	



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Courses Offered

(2015-16)

Sr. No.	Name of Programme	Name of Course	Course Code	Year
121.	M. Pharm Pharmacognosy	Advanced Analytical Techniques	M	First Year M. Pharm {Pharmacognosy} (Semester-I) (2013- Pattern) (Introduction Year: 2013-14)
122.		Research Methodology	M-2	
123.		Advanced Pharmacognosy	M-I-1	
124.		Sterile Product and Formulation Technology	M-I-2	
125.		Advanced Analytical Techniques Practical	M	
126.		Advanced Pharmacognosy Practical	M-I-1	
127.		Seminar Assignment	-	
128.		Phytochemistry & Phytopharmaceuticals	M-I-3	First Year M. Pharm {Pharmacognosy} (Semester-II) (2013- Pattern) (Introduction Year: 2013-14)
129.		Drug Regulatory Affairs	M-3	
130.		Industrial Pharmacognosy	M-I-4	
131.		Biopharmaceutics	M-I-5	
132.		Phytochemistry & Phytopharmaceuticals Practical	M-I-3	
133.		Seminar Assignment	-	
134.		Research work	-	
135.	Seminar on Research Envisaged for Dissertation	-	Final Year M. Pharm {Pharmacognosy} (Semester-III) (2013- Pattern) (Introduction Year: 2014-15)	
136.	Seminar on recent trends in Pharmacognosy	-		
137.	Research work	-		
138.	Seminar on Dissertation	-	Final Year M. Pharm {Pharmacognosy} (Semester-IV) (2013- Pattern) (Introduction Year: 2014-15)	
139.	Research work	-		
140.	Dissertation & Defence (viva/voce)	-		




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