Yashoda Shikshan Prasarak Mandal's
YASHODA TECHNICAL CAMPUS, SATARA
FACULTY OF PHARMACY
Autonomous Institute
NH-4, Wadhe Phata, Satara. Tele Fax- 02162-271238/39/40
Website- www.yes.edu.in, Email-registrar_ytc@yes.edu.in
Approved by PCI New Delhi, Govt. of Maharashtra (DTE, Mumbai)
Affiliated to DBATU Lonere
Institute Code – 6757

Dr. Bharatee V. Chaware	Dr. Bharat M. Shinde	Dr. Prakash D. Jadhav
BOS Chairman	Dean Academics	Associate Director

Academic Program Regulations 2026-27 (B. Pharm.)

The Bachelor of Pharmacy (B.Pharm.) program being offered at Yashoda Technical Campus, Satara (An Autonomous College) under the title "Academic Program Regulations-2026" has been duly approved by the Academic Council of YSPM's Yashoda Technical Campus, Satara (An Autonomous College)

Dr. B. M. Shinde
Secretory Academic Council

Yashoda Technical Campus 6757 Satara

YASHODA TECHNICAL CAMPUS

Since 2011

Yashoda Shikshan Prasark Mandals
Yashoda Technical Campus, Satara
(An Autonomous College)

Academic Program Regulations 2026

[Framed under The Regulation for the B. Pharm. Degree Programme Choice Based Credit System (CBCS) as per National Education Policy 2020 of the Pharmacy Council of India, New Delhi]

BACHELOR OF PHARMACY

Academic Year 2026-27

[Revision Zero 0.0]

Yashoda Shikshan Prasark Mandals
Yashoda Technical Campus, Satara
S. No. 242/1, V. N. Road, Wadhe, NH-4, Satara, Maharashtra 415015

Vision

To provide finest and growing environment of teaching, learning and research for the overall development of the students for the betterment of society.

Mission

M1: To provide quality education and facilities to the students for their holistic development.
M2: To prepare skilled pharmacists with intellectual and ethical development to cater the society.
M3: To become a center of excellence for professional workforce to heighten the industry and academics.

Program Outcomes (POs)

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).

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.

Program Educational Objectives (PEOs)

PEO1: To develop an aptitude amongst the students to understand the basic aspects of pharmacy.

PEO2: To build skills and knowledge required for handling and understanding of laboratory equipments.

PEO3: To apply the knowledge of student in pharma sector.

PEO4: To generate sensibility amongst the graduating students towards their social responsibilities as a pharmacist.

PEO5: To accomplish holistic development of the students.

Program Specific Outcomes (PSOs)

PSO1: To apply comprehensive knowledge and practical skills in pharmaceutical sciences for the development, manufacture, analysis, quality assurance, and appropriate use of medicines.

PSO2: To apply clinical, regulatory, research, digital/AI, ethical, and entrepreneurial competencies to address pharmaceutical and healthcare needs and contribute to professional practice.

TABLE OF CONTENTS

Sr. No.	Content	Page No.
1.	Revised Regulation	3
2.	Short Title and Commencement	3
3.	Minimum qualification for admission	3
4.	Duration of the program	3
5.	Medium of instruction and examinations	3
6.	Working days in each semester	3
7.	Attendance and progress	4
8.	Program/Course credit structure	4
9.	Academic work	5
10.	Course of study	5
11.	Semester wise credits distribution Programme	6-21
12.	Program Committee	22
13.	End Semester Examination	23-41
14.	Promotion and award of grades	42
15.	Carry forward of internal assessment marks	42
16.	Improvement of internal assessment	43
17.	End semester supplementary examinations	43
18.	Academic progression	43
19.	Grading of performance	43
20.	The Semester Grade Point Average (SGPA)	44
21.	Cumulative Grade Point Average (CGPA)	44
22.	Declaration of class	45
23.	Project work	45
24.	Internship	46
25.	Industry/Field Visits and other Co-cirricular Activities	47
26.	Award of Ranks	47
27.	Award of degree	48
28.	Duration for completion of the programme	48
29.	Re-admission after break of study	48

INTRODUCTION

RECOMMENDATIONS OF NATIONAL REGULATORY AUTHORITIES

The University Grants Commission (UGC), the National Assessment and Accreditation Council (NAAC), the Distance Education Council (DEC) and the Indian Knowledge System (IKS), have time and again come out with recommendations for improving the quality and effectiveness of Higher education provisions in the country. The ministry of Human Resource Development at the Central level and the Ministry of Higher & Technical Education, Government of Maharashtra have also repeatedly stressed on the need for universities to pay prompt attention to improve the quality of education. The NEP 2020 incorporates IKS principles to enhance interdisciplinary learning, integrate traditional wisdom with modern knowledge, and foster a more inclusive and holistic educational experience. An important concern voiced more strongly in recent times, is the need to develop a Choice-Based Credit System (CBCS) in tune with global trends and the adoption of a sound grading system for reflecting learner performance. This is in line with the recommendation of the UGC in its Action Plan for Academic and Administrative Reforms (Ref. UGC letters January 2008; March 2009) "Curricular flexibility and learners' mobility are issues that warrant our urgent attention. These can be addressed by introducing credit based courses and credit accumulation. In order to provide with some degree of flexibility to learners, we need to provide flexibility in course selection and also a minimum as well as a maximum permissible span of time in which a course can be completed by a learner… The Choice- Based Credit System (CBCS) imminently fits into the emerging socioeconomic milieu and could effectively respond to the educational and occupational aspirations of the upcoming generations. In view of this, institutions of higher education in India would do well to invest thought and resources into introducing CBCS. Aided by modern communication and information technology, CBCS has a high probability to be operationalized efficiently and effectively — elevating learners, institutions and higher education system in the country to newer height".

RATIONALE FOR INTRODUCTION OF CREDIT AND GRADING SYSTEM

The UGC while outlining the several unique features of the Choice-Based Credit System (CBCS) has, in fact, given in a nutshell, the rationale for its introduction. Among the features highlighted by the UGC are: Enhanced learning opportunities, ability to match learners' scholastic needs and aspirations, inter-institution transferability of learners (following the completion of a semester), part-completion of an academic programme in the institution of enrolment and part-completion in a specialized (and recognized) institution, improvement in educational quality and excellence, flexibility for working

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

learners to complete the programme over an extended period of time, standardization and comparability of educational programmes across the country, etc. This Choice Based Credit System enables a much-required shift in focus from teacher-centric to learner-centric education since the workload estimated is based on the investment of time in learning, not in teaching. It also focuses on continuous evaluation which will enhance the quality of education. It can be concluded from the above discussion that it is very much essential to implement the Choice Based Credit System in higher education in India. Course credit structure, examination/assessment and grading are mainly focused aspects of this manual and discussed in subsequent chapters.

DIRECTIVES OF PHARMACY COUNCIL OF INDIA

The Pharmacy Council of India (PCI) in exercise of the powers conferred to it under the sections 10 and 18 of the Pharmacy Act 1948 (8 of 1948), with the approval of the Central Government, had made the Bachelor of Pharmacy (B. Pharm.) Course Regulations, 2014 and Master of Pharmacy (M. Pharm.) Course regulations vide Gazette dated December 10, 2014. Further as per regulations 6 and 8 of the above course regulations the PCI has also prescribed the Rules and Syllabus for B. Pharm. course and Scheme and Syllabus for M. Pharm., its letter Ref 14-136/2016-PCI and Ref 14- 154/2015 PCI dated December 21, 2016, with the subject heading "Statutory Scheme/Rules and syllabus for B. Pharm and M. Pharm. courses". On 17 April 2026 the Pharmacy Council of India launched the revised B.Pharm. curriculum as per NEP 2020 vide Circular Ref. No. 14-154/2025-PCI and notified through the Gazette Notification dated 09 June 2026, with effect from the Academic Year 2026–27. It is thus mandatory to implement the directives of PCI with regard to the Rules/Regulations/Syllabus for recognition and extension of approval of B. Pharm. and M. Pharm. programs of institutes/Universities by the PCI.

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757

CHAPTER I: REGULATION

1. Short title and commencement

This regulation shall be called as "The Regulation for the B. Pharm. Degree Programme Choice Based Credit System (CBCS) as per National Education Policy 2020 of the Pharmacy Council of India, New Delhi". It shall come into effect immediately upon notification by the Pharmacy Council of India. The regulations framed are subject to modification from time to time by Pharmacy Council of India.

2. Minimum qualification for admission

2.1 First year B. Pharm:

i. A candidate shall have passed the 10+2 examination conducted by the respective State or Central Government authorities, or any equivalent examination recognized by bodies such as the Association of Indian Universities (AIU) or the Council of Boards of School Education in India (COBSE), including wings such as IGNOU and NIOS, with English as one of the subjects and with Physics and Chemistry as compulsory subjects, along with either Mathematics or Biology.

ii. Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

2.2. B. Pharm lateral entry (to third semester):

Candidate shall have passed in D. Pharm. course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.

3. Duration of the Programme

The course of study for B. Pharm shall extend over a period of eight semesters (four academic years) and six semesters (three academic years) for lateral entry students. The curricula and syllabi for the Programme shall be prescribed from time to time by Pharmacy Council of India.

4. Medium of instruction and examinations

Medium of instruction and examination shall be in English.

5. Working days in each semester

Each semester shall consist of not less than 90 working days. The odd semesters shall be conducted from the month of June/July to November/December and the even semesters shall be conducted from December/January to May/June in every calendar year. A break of not less than 7 days shall be

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

provided between the semesters.

6. Attendance and progress

A candidate must maintain a minimum of 75% attendance in each individual course. Attendance for theory and practical components shall be considered separately. Only candidates who satisfactorily complete the prescribed course requirements shall be eligible to appear for the respective examinations.

7. Programme/Course credit structure

As per the Choice Based Credit System (CBCS), certain quantum of academic work viz. theory classes, practical classes etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is dependent upon the number of hours of instruction per week in that course. Similarly, the credit associated with any of the other academic, co/extra- curricular activities is dependent upon the quantum of work expected to be put in for each of these activities per week.

7.1. Credit assignment

7.1.1. Theory and Practical courses

Courses are broadly classified as Theory, Practical, Project and Internship. Theory (T) courses consist of lecture (L) hours, while Practical (P) courses consist of hours spent in the laboratory. The Credits

(C) assigned to a course dependent on the number of instructional hours per week and are calculated using a multiplier of one (1) for lecture hours, and a multiplier of one-half (1/2) for practical (laboratory) hours. For example, a theory course having three lectures per week throughout the semester carries 3credits. Similarly, a practical course with four laboratory hours per week throughout semester carries 2 credits. If the calculated credit value results in a fraction of 0.5 or below, the lower integer value will be assigned as the credit. Every 30 hours spent on internship (I) and projects shall be considered equivalent to 1 credit.

7.1.2 Minimum credit requirements

The minimum credit points required for award of a B. Pharm. degree is 193. These credits are distributed across Theory courses, Practical courses, Internship and Project over the duration of eight semesters. The semester-wise distribution of credits is presented in Table IX. Courses generally progress in sequences, building competencies and their positioning indicate certain levels of academic

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

maturity on the part of the learners. Learners are expected to follow the semester-wise schedule of courses given in the syllabus.

The lateral entry students shall take additional courses, namely Healthcare Psychology and Communication Skills (Theory and Practical) and Basics of Python Programming for Pharmaceutical Sciences (Theory) during Semester III, and Applied Biostatistics and Data Analytics for Pharmaceutical Sciences (Theory) during Semester IV of the programme. The lateral entry student shall be awarded 47 credit points, equivalent to the cumulative credits earned as per the scheme of their Diploma in Pharmacy (D. Pharm.) programme, upon successful completion of the above-mentioned courses. Out of the total 47 credits, 41 credits shall be accounted for the Diploma programme, and the remaining 6 credits shall be awarded for the above-mentioned additional courses. The 41 credits accounted for the lateral entry students shall be recorded in the Semester III marks sheet.

8. Academic work

A regular record of attendance in Theory, Practical, Internship and Research Projects shall be maintained by the teaching staff of respective courses.

9. Course of study

The course of study for B. Pharm shall include Semester wise Theory & Practical as given in Tables – I to VIII. The number of hours allotted to each theory and practical course in any semester shall not be less than that shown in Tables – I to VIII.

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

Table-I: Course of study for semester I

Course Code	Course Domain	Course Name	Teaching Scheme				Evaluation Scheme					Total
								Theory		Practical		
			L	T	P	Credit	Scheme	Max.	Min. Passing	Max.	Min. Passing	
BP101T	F	Basics of Python Programming for Pharmaceutical Sciences	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	-	-	50
BP102T	F	General Pharmacy	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP103T	F	Healthcare Psychology and Communication Skills	1	0	0	1	CIA SE-I SE-II ESE	10 10 30	25	-	-	50
BP104T	F	Human Anatomy, Physiology and Pathophysiology I	4	0	0	4	CIA SE-I SE-II ESE	20 20 60	50	-	-	100
BP105T	F	Introduction to Pharmacognosy	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP106T	F	Pharmaceutical Inorganic and Analytical Chemistry	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP107P	F	General Pharmacy	0	0	3	1	CIA SE-I SE-II ESE	- - - -	-	10 10 30	25	50
BP108P	F	Healthcare Psychology and Communication Skills	0	0	2	1	CIA SE-I SE-II ESE	- - - -	-	10 10 30	25	50
BP109P	F	Human Anatomy, Physiology and Pathophysiology I	0	0	3	1	CIA SE-I SE-II	- - -	-	10 10 	25	50

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

							ESE	-		30		
BP110P	F	Introduction to Pharmacognosy	0	0	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
BP111P	F	Pharmaceutical Inorganic and Analytical Chemistry	0	0	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
TOTAL			**16**	**0**	**14**	**21**	**TOTAL MARKS**					**675**
Total Contact Hours Per Week			**30**									

Course Category	Programme Core Course	Value Education	Skill Enhancement Course	Ability Enhancement Course	Internship	Project	Total
	PC	VE	SEC	AEC	IR	RP	
Credit	21	-	-	-			21

L: - Lecture, T: - Tutorial, P: - Practical, CIA:-Continuous Internal Assessment, SE: - Sessional Examination, ESE: - End Semester Examination

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

Table-II: Course of study for semester II

Course Code	Course Domain	Course Name	Teaching Scheme				Evaluation Scheme					Total
								Theory		Practical		
			L	T	P	Credi	Scheme	Max.	Min. Passing	Max.	Min. Passing	
BP201T	F	Applied Biostatistics and Data Analytics for Pharmaceutical Sciences	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	-	-	50
BP202T	F	Biochemistry	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP203T	F	Human Anatomy, Physiology and Pathophysiology II	4	0	0	4	CA SE-I SE-II ESE	20 20 60	50	-	-	100
BP204T	F	Pharmaceutical Organic Chemistry	4	0	0	4	CIA SE-I SE-II ESE	20 20 60	50	-	-	100
BP205T	F	Pharmacognosy and Phytochemistry	4	0	0	4	CIA SE-I SE-II ESE	20 20 60	50	-	-	100
BP206T	F	Physical Pharmaceutics	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP207P	F	Biochemistry	0	0	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
BP208P	F	Human Anatomy, Physiology and Pathophysiology II	0	0	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
BP209P	F	Pharmaceutical Organic Chemistry	0	0	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50

HOD Dean Academics Associate Director Director

Yashoda Technical Campus * Satara * 6757

BP210P		F	Pharmacognosy and Phytochemistry	0	0	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
BP211P		F	Physical Pharmaceutics	0	0	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
BP212P SEC*	**BP212P SEC1**	F, E	Communication Skills	0	0	2	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
	BP212P SEC2	F, E	Mental Well-Being, Stress & Conflict Management										
	BP212P SEC3	F, E	Fundamentals of Computer Operations										
TOTAL				**20**	**0**	**17**	**26**	**TOTAL MARKS**					**800**
Total Contact Hours Per Week				**37**									

***Elective**

Course Category	Programme Core Course	Value Education	Skill Enhancement Course	Ability Enhancement Course	Internship	Project	Total
	PC	VE	SEC	AEC	IR	RP	
Credit	25	-	1	-			26

L: - Lecture, T: - Tutorial, P: - Practical, CIA:-Continuous Internal Assessment, SE: - Sessional Examination, ESE: - End Semester Examination

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

Table-III: Course of study for semester III

Course Code	Course Domain	Course Name	Teaching Scheme				Evaluation Scheme					TOTAL
								Theory		Practical		
			L	T	P	Credit	Scheme	Max.	Min. Passing	Max.	Min. Passing	
BP301T	F	Introduction to Machine Learning in Pharmaceutical Sciences	2	-	-	2	CIA SE-I SE-II ESE	10 10 30	25	-	-	50
BP302T	F	Environmental Sciences	1	-	-	1	CIA SE-I SE-II ESE	10 10 30	25	-	-	50
BP303T	F	Ethics and Universal Human Values	1	-	-	1	CIA SE-I SE-II ESE	10 10 30	25	-	-	50
BP304T	F	General Pharmacology	3	-	-	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP305T	F	Heterocyclic Compounds and Stereochemistry	3	-	-	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP306T	F	Pharmaceutical Dosage Forms I	3	-	-	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP307T	F	Pharmaceutical Engineering	3	-	-	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP308T	F	Pharmaceutical Microbiology	3	-	-	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP309P	F	General Pharmacology	-	-	4	2	CIA SE-I SE-II ESE	-	-	10 10 30	25	50

HOD Dean Academics Associate Director Director

Jaywanda Technical Campus * Satara * 6757

BP310P		F	Heterocyclic Compounds and Stereochemistry	-	-	4	2	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
BP311P		F	Pharmaceutical Dosage Forms I	-	-	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
BP312 P AEC*	**BP312P AEC1**	F	Nutraceuticals and Functional Foods	-	-	2	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
	BP312P AEC2		Food Analysis										
	BP312P AEC3		Yoga and Life Sciences										
TOTAL				**19**	**0**	**13**	**25**	**TOTAL MARKS**					**725**
Total Contact Hours Per Week				**32**									

***Elective**

Course Category	Programme Core Course	Value Education	Skill Enhancement Course	Ability Enhancement Course	Internship	Project	Total
	PC	VE	SEC	AEC	IR	RP	
Credit	24	-	-	1			25

L: - Lecture, T: - Tutorial, P: - Practical, CIA:-Continuous Internal Assessment, SE: - Sessional Examination, ESE: - End Semester Examination

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

Table-IV: Course of study for semester IV

Course Code	Course Domain	Course Name	Teaching Scheme				Evaluation Scheme					Total
								Theory		Practical		
			L	T	P	Credit	Scheme	Max.	Min. Passing	Max.	Min. Passing	
BP401T	F	Herbal Drug Technology	3	-	-	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP402T	F	Medicinal Chemistry	3	-	-	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP403T	F	Pharmaceutical Biotechnology	3	-	-	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP404T	F	Social Pharmacy and Public Health	2	-	-	2	CIA SE-I SE-II ESE	10 10 30	25	-	-	50
BP405T	F	Systemic Pharmacology	3	-	-	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP406P	F	Herbal Drug Technology	-	-	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	-	50
BP407P	F	Medicinal Chemistry	-	-	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	-	50
BP408P	F	Pharmaceutical Biotechnology	-	-	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	-	50
		Social Pharmacy and Public					CIA SE-I			10 10		

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

BP409P	F	Health	-	-	2	1	SE-II ESE	-	-	 	-	50
BP410P	F	Systemic Pharmacology I	-	-	3	1	CIA SE-I SE-II ESE	-	-	10 10 30	-	50
BP411I	E	Internship (Mandatory)	-	-	8	4	-	-	-	-	-	100
TOTAL			**14**		**22**	**23**	**TOTAL MARKS**					**700**
Total Contact Hours Per Week			**36**									

Course Category	Programme Core Course	Value Education	Skill Enhancement Course	Ability Enhancement Course	Internship	Project	Total
	PC	VE	SEC	AEC	IR	RP	
Credit	23	-	-	-			23

L: - Lecture, T: - Tutorial, P: - Practical, CIA:-Continuous Internal Assessment, SE: - Sessional Examination, ESE: - End Semester Examination

HOD Dean Academics Associate Director Director

Table-V: Course of study for semester V

Course Code	Course Domain	Course Name	Teaching Scheme				Evaluation Scheme					TOTAL
								Theory		Practical		
			L	T	P	Credit	Scheme	Max	Min. Passing	Max	Min. Passing	
BP501T	F	Biomedicinal Chemistry	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	- -		75
BP502T	F	Industrial Pharmacognosy	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	- -		75
BP503T	F	Innovation and Startup Ecosystem	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	- -		50
BP504T	F	Pharmaceutical Dosage Forms II	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	- -		50
BP505T	F	Pharmaceutical Quality Assurance	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	- -		75
BP506T	F	Systemic Pharmacology II	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	- -		75
BP507P	F	Biomedicinal Chemistry	0	0	4	2	CIA SE-I SE-II ESE	 -	 -	10 10 30	25	50
BP508P	F	Industrial Pharmacognosy	0	0	3	1	CIA SE-I SE-II ESE	 -	 -	10 10 30	25	50
							CIA			10		

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 * Satara *

BP509P	F	Pharmaceutical Dosage Forms II	0	0	3	1	SE-I SE-II ESE	-	-	10 30	25	50
BP510P		Systemic Pharmacology II	0	0	4	2	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
TOTAL			**16**	**0**	**14**	**22**	**TOTAL MARKS**					**650**
Total Contact Hours Per Week			**30**									

Course Category	Programme Core Course	Value Education	Skill Enhancement Course	Ability Enhancement Course	Internship	Project	Total
	PC	VE	SEC	AEC	IR	RP	
Credit	22	-	-	-			22

L: - Lecture, T: - Tutorial, P: - Practical, CIA:-Continuous Internal Assessment, SE: - Sessional Examination, ESE: - End Semester Examination

HOD Dean Academics Associate Director Director

Table-VI: Course of study for semester VI

Course Code	Course Domain	Course Name	Teaching Scheme				Evaluation Scheme					Total
							Scheme	Theory		Practical		
			L	T	P	Credit		Max.	Min. Passing	Max.	Min. Passing	
BP601T	F	Advanced Pharmacognosy	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP602T	F	Biopharmaceutics and Pharmacokinetics	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP603T	F	Intellectual Property Rights	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	-	-	50
BP604T	F	AI applications in Pharmaceutical Sciences	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	-	-	50
BP605T	F	Pharmaceutical Analysis	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP606T	F	Pharmaceutical Jurisprudence	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	-	-	75
BP607T AEC1		Green Chemistry					CIA	10				
BP607T AEC2		Materiovigilance and Hemovigilance					SE-I					
BP607T AEC3		Scientific Writing					SE-II	10				
BP607T AEC4		Drug Store and Business Management										

HOD

Dean Academics

Associate Director

Director

Yashoda Technical Campus * Satara * 6757

BP607T AEC*	**BP607T AEC5**	F, E,R	Career Building in Cultivation of Medicinal Plants	1	0	0	1	ESE	30	-	-	25	50
	BP607T AEC6		Active Pharmaceutical Ingredients and Excipient Sciences										
BP608P		F	Biopharmaceutics and Pharmacokinetics	0	0	3	1	CIA SE-I SE-II ESE	- - - -	- - - -	10 10 30	25	50
BP609P		F	Pharmaceutical Analysis	0	0	4	2	CIA SE-I SE-II ESE	- - - -	- - - -	10 10 30	25	50
BP610P SEC*	**BP610P SEC1**	F	Computer-Aided Drug Design	0	0	2	1	-	-	-	10	25	50
	BP610P SEC2		Analytical Method Development and Validation								10		
	BP610P SEC3		Principles of Preclinical Studies								30		
BP611P VAC1*	**BP611P VAC1**	F,E	Professional Skills	0	0	2	1	-	-	-	10	25	50
	BP611P VAC12		Process Analytical Technology and QbD in Formulation Science					SE-I SE-II ESE			10 30		
BP612I		F,E	Internship (Mandatory)	0	0	8	4						100
TOTAL				**17**	**0**	**11**	**26**	**TOTAL MARKS**					**750**
Total Contact Hours Per Week				**28**									

***Elective**

Course Category	Programme Core Course	Value Education	Skill Enhancement Course	Ability Enhancement Course	Internship	Project	Total
	PC	VE	SEC	AEC	IR	RP	
Credit	23	1	1	1	-	-	26

L: - Lecture, T: - Tutorial, P: - Practical, CIA:-Continuous Internal Assessment, SE: - Sessional Examination, ESE: - End Semester Examination

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

Table-VII: Course of study for semester VII

Course Code	Course Domain	Course Name	Teaching Scheme				Evaluation Scheme					TOTAL
								Theory		Practical		
			L	T	P	Credit	Scheme	Max.	Min. Passing	Max.	Min. Passing	
BP701T	F	Biostatistics Research methodology	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	- -	- -	75
BP702T	F	Cosmetics and Cosmeceuticals	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	- -	- -	50
BP703T	F	AI in Clinical applications	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	- -	- -	50
BP704T	F	Modern Analytical Techniques	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	- -	- -	75
BP705T	F	Pharmacovigilance	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	- -	- -	75
BP706T	F	Pharmacy Practice	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	- -	- -	75
BP707T	F	Regulatory Affairs	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	- -	- -	50
BP708T AEC1		Current Good Manufacturing Practices					CIA	10				

HOD

Dean Academics

Associate Director

Director

Yashoda Technical Campus * Satara * 6757

BP708T AEC*	BP708T AEC2	F	Pharmaceutical Automation	1	0	0	1	SE-I	10	25	-	-	50
	BP708T AEC3		Modern Techniques in Cellular Biology					SE-II					
	BP708T AEC4		Medical Devices					ESE	30				
	BP708T AEC5		Transformation of Food Waste into Medicinal Products										
	BP708T AEC6		Biosimilars, Vaccines & Macromolecules										
	BP708T AEC7		Precision Medicine										
BP709P		F	Modern Analytical Techniques	0	0	3	1	CIA	-	-	10	25	50
								SE-I			10		
								SE-II					
								ESE			30		
BP710RP		R	Research Project	0	0	0	6	-	-	-	-		150
TOTAL				19	0	03	26	TOTAL MARKS					700
Total Contact Hours Per Week				22									

*Elective

Course Category	Programme Core Course	Value Education	Skill Enhancement Course	Ability Enhancement Course	Internship	Project	Total
	PC	VE	SEC	AEC	IR	RP	
Credit	19	-	-	1	-	6	26

L: - Lecture, T: - Tutorial, P: - Practical, CIA:-Continuous Internal Assessment, SE: - Sessional Examination, ESE: - End Semester Examination

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

Table-VIII: Course of study for semester VIII

Course Code	Course Domain	Course Name	Teaching Scheme				Evaluation Scheme					Total
								Theory		Practical		
			L	T	P	Credit	Scheme	Max.	Min. Passing	Max.	Min. Passing	
BP801T	F	Ethical Considerations and Translational Applications of AI in Pharmacy	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	- -	- -	50
BP802T	F	Clinical Pharmacotherapeutics	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	- -	- -	50
BP803T	F	Industrial Pharmacy and Facility Design	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	- -	- -	75
BP804T	F	Pharmaceutical Management	2	0	0	2	CIA SE-I SE-II ESE	10 10 30	25	- -	- -	50
BP805T	F	Sterile Dosage Form and Novel Drug Delivery System	3	0	0	3	CIA SE-I SE-II ESE	15 15 45	38	- -	- -	75
BP806T AEC1		Pharmaceutical Packaing					CIA	10				
BP806T AEC2		Supply Chain Management					SE-I					
BP806T AEC3		Industrial Safety and Waste Management					SE-II	10				
BP806T AEC4		Traditional Healing Practices of India										

HOD Dean Academics Associate Director Director

BP806T AEC1*	**BP806T AEC5**	F,E	Futuristic Pharma through AR/VR: Pharma 4.0	2	0	0	2	ESE	30	25	-	-	50
	BP806T AEC6		Herbal Cosmetics for Industry Perspective										
BP807P		F	Pharmaceutical Marketing Skills	0	0	2	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
BP808P		F	Sterile Dosage Form and Novel Drug Delivery System	0	0	4	2	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
BP809P VAC*	**BP809P VAC1**	F	Cleaning Validation	0	0	2	1	CIA SE-I SE-II ESE	-	-	10 10 30	25	50
	BP809P VAC2		Basic Training in Aseptic Handling Techniques										
	BP809P VAC3		Impurity Profiling										
BP810RP		R	Research Project				6	-	-	-	-	-	150
TAL				**14**	**0**	**8**							
tal Contact Hours Per Week				**22**			**24**	**TOTAL MARKS**					**650**

***Elective**

Course Category	Programme Core Course	Value Education	Skill Enhancement Course	Ability Enhancement Course	Internship	Project	Total
	PC	VE	SEC	AEC	IR	RP	
Credit	15	1	-	2	-	6	24

L: - Lecture, T: - Tutorial, P: - Practical, CIA:-Continuous Internal Assessment, SE: - Sessional Examination, ESE: - End Semester Examination

HOD Dean Academics Associate Director Director

Yashoda Technical Campus * Satara * 6757

Table-IX: Total Credits per Semester

Total Credit in B. Pharm

SEM-I	SEM-II	SEM-III	SEM-IV	SEM-V	SEM-VI	SEM-VII	SEM-VIII	*Co-curricular course/ Activity	TOTAL
21	26	25	23	22	26	26	24	02	195

*** Completion of this activity is mandatory during semester V to VIII.**

Note: Earning total credits [195] as mentioned above are mandatory for award of the degree.

10. Programme Committee and Internal Examination Committee

10.1 Programme Committee

1. The B. Pharm. Programme shall have a Programme Committee constituted by the Head of the Institution/Principal in consultation with all the Heads of the Departments and reconstituted annually.

2. The composition of the Programme Committee shall be as follows:
   - The Principal/HoI shall serve as the Chairperson
   - One senior teacher from any department shall act as the B. Pharm Coordinator
   - One teacher from each department offering B. Pharm courses and
   - Four student representatives of the programme (one from each academic year), nominated by the Head of the Institution.

3. The Programme Committee shall meet at least twice in every semester to perform the following duties.

4. Duties of the Programme Committee (not limited to):
   i. Periodically reviewing the progress of classes and attendance.
   ii. Discussing problems concerning the curriculum, syllabus, and conduct of classes.
   iii. Communicating its recommendations on academic matters to the Head of the Institution, with such communications being duly recorded.
   iv. Periodically reviewing and monitoring the attainment of Programme Outcomes and Course Outcomes along with Bloom's Taxonomy Levels and/or Miller's Pyramid.
   v. Encouraging the use of ICT tools and providing e-learning resources for higher- order learning.
   vi. Ensuring effective implementation of participative, problem-based, experiential learning, and innovative pedagogical approaches for effective outcomes.

10.2 Internal Examination Committee

1. The B. Pharm. Programme shall have an Internal Examination Committee constituted by the Principal / HoI in consultation with all the Heads of the Departments and may be reconstituted as and

HOD | Dean Academics | Associate Director | Director

Yashoda Technical Campus 6757 Satara

when necessary.

2. The composition of the Internal Examination Committee shall be as follows:
   - Principal / HoI – Chairperson
   - B. Pharm Programme Coordinator – Member Secretary
   - One senior faculty member from each department involved in B. Pharm teaching Members
   - Examination Cell In-charge – Member

3. The Committee shall meet periodically, before each Sessional Examination (Internal Assessment) and before the end-semester examination.

4. Duties of the Internal Examination Committee (not limited to):

i. Plan and approve the internal assessment calendar for all semesters.

ii. Ensure uniformity, transparency, and fairness in continuous assessment, sessional, and practical examinations.

iii. Moderation of sessional question papers and assessment tools in alignment with programme and course outcomes, incorporating Bloom's Taxonomy Levels and/or Miller's Pyramid.

iv. Monitor the conduct and evaluation of theory, practical, internship, and project assessments.

v. Ensure compliance with PCI regulations, university ordinances, and NEP-2020 assessment reforms.

vi. Promote outcome-based, skill-oriented, and innovative assessment methods.

vii. Review, moderate, and finalize internal assessment marks prior to submission to the university.

viii. Address student grievances related to internal assessments in a timely and structured manner.

ix. Maintain proper records, reports, and minutes related to internal examinations and assessments.

x. Recommend remedial measures and academic support as and when required.

10.3 Scheme for credit based marks distribution for assessment

The general scheme for credit wise marks distribution is as given below. The detailed scheme for internal assessment and end semester examinations is given in Table – X (a-h).

Credits	Maximum Marks	Internal Assessment	External Assessment
4	100	40	60
3	75	30	45
2 or 1	50	20	30

11. End semester examinations

The End Semester Examinations for each theory and practical course through semesters I to VIII shall be conducted by the university. (Table-X)

HOD Dean Academics Associate Director Director

Table-Xa: Semester I

Course Code	Name of the Course	Credit	Continuous Mode (Marks)	Sessional Exam (Marks)	Sessional Duration	Internal Total	End Semester Marks	End Sem Exam Duration	Total Marks
BP101T	Basics of Python Programming for Pharmaceutical Sciences (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP102T	General Pharmacy (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP103T	Healthcare Psychology and Communication Skills (Theory)	1	10	10	1 Hr	20	30	1.5 Hr	50
BP104T	Human Anatomy, Physiology and Pathophysiology I (Theory)	4	20	20	1 Hr	40	60	3 Hr	100
BP105T	Introduction to Pharmacognosy (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP106T	Pharmaceutical Inorganic and Analytical Chemistry (Theory)	3	15	15	1 Hr	30	45	2 Hr	75

HOD

Dean Academics

Yashoda Technical Campus * Satara * 6757

Associate Director

Director

BP107P	General Pharmacy (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP108P	Healthcare Psychology and Communication Skills (Practical)	1	10	10	3 Hr	20	30	3Hr	50
BP109P	Human Anatomy, Physiology and Pathophysiology I (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP110P	Introduction to Pharmacognosy (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP111P	Pharmaceutical Inorganic and Analytical Chemistry (Practical)	1	10	10	3 Hr	20	30	3 Hr	50

HOD

Dean Academics

Yashoda Technical Campus * Satara * 6757

Associate Director

Director

Table-Xb: Semester II

Course Code	Name of the Course	Credit	Continuous Mode (Marks)	Sessional Exam (Marks)	Sessional Duration	Internal Total	End Semester Marks	Exam Duration	Total Marks
BP201T	Applied Biostatistics and Data Analytics for Pharmaceutical Sciences (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP202T	Biochemistry (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP203T	Human Anatomy, Physiology and Pathophysiology II (Theory)	4	20	20	1 Hr	40	60	3 Hr	100
BP204T	Pharmaceutical Organic Chemistry (Theory)	4	20	20	1 Hr	40	60	3 Hr	100
BP205T	Pharmacognosy and Phytochemistry (Theory)	4	20	20	1 Hr	40	60	3 Hr	100
BP206T	Physical Pharmaceutics (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP207P	Biochemistry (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP208P	Human Anatomy, Physiology and Pathophysiology II (Practical)	1	10	10	3 Hr	20	30	3 Hr	50

HOD

Dean Academics

Yashoda Technical Campus 6757 Satara

Associate Director

Director

BP209P	Pharmaceutical Organic Chemistry (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP210P	Pharmacognosy and Phytochemistry (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP211P	Physical Pharmaceutics (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP212P	SEC – Elective 1 (Practical)	1	10	10	3 Hr	20	30	3 Hr	50

HOD

Dean Academics

Yashoda Technical Campus 6757 Satara

Associate Director

Director

Table-Xc: Semester III

Course Code	Name of the Course	Credit	Continuous Mode (Marks)	Sessional Exam (Marks)	Sessional Duration	Internal Total	End Semester Marks	Exam Duration	Total Marks
BP301T	Introduction to Machine Learning in Pharmaceutical Sciences (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP302T	Environmental Science (Theory)	1	10	10	1 Hr	20	30	1.5 Hr	50
BP303T	Ethics and Universal Human Values (Theory)	1	10	10	1 Hr	20	30	1.5 Hr	50
BP304T	General Pharmacology (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP305T	Heterocyclic Compounds and Stereochemistry (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP306T	Pharmaceutical Dosage Forms I (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP307T	Pharmaceutical Engineering (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP308T	Pharmaceutical Microbiology (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP309P	General Pharmacology (Practical)	2	10	10	4 Hr	20	30	4 Hr	50

HOD

Dean Academics

Yashoda Technical Campus 6757 Satara

Associate Director

Director

BP310P	Heterocyclic Compounds and Stereochemistry (Practical)	2	10	10	4 Hr	20	30	4 Hr	50
BP311P	Pharmaceutical Dosage Forms I (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP312P	AEC – Elective 2 (Practical)	1	10	10	3 Hr	20	30	3 Hr	50

HOD

Dean Academics

Yashoda Technical Campus * Satara * 6757

Associate Director

Director

Table-Xd: Semester IV

Course Code	Name of the Course	Credit	Continuous Mode (Marks)	Sessional Exam (Marks)	Sessional Duration	Internal Total	End Semester Marks	Exam Duration	Total Marks
BP401T	Herbal Drug Technology (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP402T	Medicinal Chemistry (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP403T	Pharmaceutical Biotechnology (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP404T	Social Pharmacy and Public Health (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP405T	Systemic Pharmacology I (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP406P	Herbal Drug Technology (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP407P	Medicinal Chemistry (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP408P	Pharmaceutical Biotechnology (Practical)	1	10	10	3 Hr	20	30	3 Hr	50

HOD

Dean Academics

Yashoda Technical Campus 6757 Satara

Associate Director

Director

BP409P	Social Pharmacy and Public Health (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP410P	Systemic Pharmacology I (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP411I	Internship (Mandatory)	4	Refer Section 22	–	–	–	100	4 Hr	100

HOD

Dean Academics

Yashoda Technical Campus * Satara * 6757

Associate Director

Director

Table-Xe: Semester V

Course Code	Name of the Course	Credit	Continuous Mode (Marks)	Sessional Exam (Marks)	Sessional Duration	Internal Total	End Semester Marks	Exam Duration	Total Marks
BP501T	Biomedicinal Chemistry (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP502T	Industrial Pharmacognosy (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP503T	Innovation and Startup Ecosystem (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP504T	Pharmaceutical Dosage Forms II (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP505T	Pharmaceutical Quality Assurance (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP506T	Systemic Pharmacology II (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP507P	Biomedicinal Chemistry (Practical)	2	10	10	4 Hr	20	30	4 Hr	50

HOD

Dean Academics

Yashoda Technical Campus 6757 Satara

Associate Director

Director

BP508P	Industrial Pharmacognosy (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP509P	Pharmaceutical Dosage Forms II (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP510P	Systemic Pharmacology II (Practical)	2	10	10	4 Hr	20	30	4 Hr	50

HOD

Dean Academics

Yashoda Technical Campus 6757 Satara

Associate Director

Director

Table-Xf: Semester VI

Course Code	Name of the Course	Credit	Continuous Mode (Marks)	Sessional Exam (Marks)	Sessional Duration	Internal Total	End Semester Marks	Exam Duration	Total Marks
BP601T	Advanced Pharmacognosy (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP602T	Biopharmaceutics and Pharmacokinetics (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP603T	Intellectual Property Rights (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP604T	AI Applications in Pharmaceutical Sciences (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP605T	Pharmaceutical Analysis (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP606T	Pharmaceutical Jurisprudence (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP607T	AEC – Elective 3 (Theory)	1	10	10	1 Hr	20	30	1.5 Hr	50
BP608P	Biopharmaceutics and Pharmacokinetics (Practical)	1	10	10	3 Hr	20	30	3 Hr	50

HOD

Dean Academics

Yashoda Technical Campus 6757 Satara

Associate Director

Director

BP609P	Pharmaceutical Analysis (Practical)	2	10	10	4 Hr	20	30	4 Hr	50
BP610P	SEC – Elective 4 (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP611P	VAC – Elective 5 (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP612I	Internship (Mandatory)	4	Refer Section 22	–	–	–	100	4 Hr	100

HOD

Dean Academics

Yashoda Technical Campus * Satara * 6757

Associate Director

Director

Table-Xg: Semester VII

Course Code	Name of the Course	Credit	Continuous Mode (Marks)	Sessional Exam (Marks)	Sessional Duration	Internal Total	End Semester Marks	Exam Duration	Total Marks
BP701T	Biostatistics and Research Methodology (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP702T	Cosmetics and Cosmeceuticals (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP703T	AI in Clinical Applications (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP704T	Modern Analytical Techniques (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP705T	Pharmacovigilance (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP706T	Pharmacy Practice (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP707T	Regulatory Affairs (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP708T	AEC – Elective 6 (Theory)	1	10	10	1 Hr	20	30	1.5 Hr	50
BP709P	Modern Analytical Techniques (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP710RP	Research Project	6	Refer Section 21	–	–	–	150	4 Hr	150

HOD

Dean Academics

Yashoda Technical Campus 6757 Satara

Associate Director

Director

Table-Xh: Semester VIII

Course Code	Name of the Course	Credit	Continuous Mode (Marks)	Sessional Exam (Marks)	Sessional Duration	Internal Total	End Semester Marks	Exam Duration	Total Marks
BP801T	Ethical Considerations and Translational Applications of AI in Pharmacy (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP802T	Clinical Pharmacotherapeutics (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP803T	Industrial Pharmacy and Facility Design (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP804T	Pharmaceutical Management (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP805T	Sterile Dosage Forms and Novel Drug Delivery System (Theory)	3	15	15	1 Hr	30	45	2 Hr	75
BP806T	AEC – Elective 7 (Theory)	2	10	10	1 Hr	20	30	1.5 Hr	50
BP807P	Pharmaceutical Marketing Skills (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP808P	Sterile Dosage Forms and Novel Drug Delivery System (Practical)	2	10	10	4 Hr	20	30	4 Hr	50

HOD

Dean Academics

Yashoda Technical Campus 6757 Satara

Associate Director

Director

BP809P	VAC – Elective 8 (Practical)	1	10	10	3 Hr	20	30	3 Hr	50
BP810RP	Research Project	6	Refer Section 21	–	–	–	150	4 Hr	150

HOD

Dean Academics

Associate Director

Director

11.2. Internal assessment: Continuous internal assessment and sessional examination

The marks allocated for Continuous mode of Internal assessment and Sessional examination shall be awarded as per the scheme given below.

Table–XI: Scheme for award inginternal assessment: Continuous mode and Sessional

a. Theory

Theory– Internal assessment pattern of marks distribution

Theory		**Internal assessment pattern of marks distribution**			
Credit Type	**Max. Marks**	**Total**	**Attendance** (Refer Table–XII) and Student–Teacher Interaction	**Academic Activities** (Average of any three: quiz, assignment, open book test, field work, group discussion, seminar, etc.)	**Sessional** (Average of two tests) Duration 1 Hour
4	100	40	10	10	20
3	75	30	7.5	7.5	15
2 or 1	50	20	05	05	10

b. Practical

Practical – Internal assessment pattern of marks distribution

Theory		**Internal assessment pattern of marks distribution**			
Credit Type	**Max. Marks**	**Total**	**Attendance** (Refer Table–XII) and Student–Teacher Interaction	**Based on Practical Records, Regular viva voce, etc.**	**Sessional** (Average of two tests) Duration – As per allotted hours#)
2 or 1	50	20	05	05	10

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

For practical courses (core as well as elective), those having four hours per week shall have a four-hour duration for the sessional and end-semester examinations. Practical courses with less than four hours per week shall have a three-hour duration for the sessional and end-semester examinations.

Table–XII: Guidelines for the allotment of marks for attendance

Percentage of Attendance	Theory			Practical
	4 Credit	3 Credit	2 or 1 Credit	
90 – 100	4	3.5	2	2
85 – 89	3	2.5	1.5	1.5
75 – 84	2	1.5	1	1
Less than 75	0	0	0	0

11.2.1. Sessional Exams

Two Sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s)/University. The scheme of question paper for theory and practical Sessional examinations is given in Table XIII– XIV below.

Table–XIII: Internal Assessment Question Paper Pattern (Theory)

Type of questions	4 Credit Course	3 Credit Course	2 or 1 Credit Course
I. Multiple Choice Questions (MCQs) Or Objective Type Questions	4×1 Mark each or 2×2 Marks each (Compulsory)	2×1 Mark each (Compulsory)	2×1 Mark each (Compulsory)
II. Short Answers	2×3 Marks each (2 out of 3)	2×3 Marks each (2 out of 3)	1×3 Marks each (1 out of 2)
III. Long Answers	1×10 Marks each (1 out of 2)	1×7 Marks each (1 out of 2)	1×5 Marks each (1out of 2)
Max. Marks	20	15	10
Duration	1 Hour	1 Hour	1 Hour

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

Table–XIV: Internal Assessment Question Paper Pattern (Practical)

Type of questions	2 or 1 Credit Course
Synopsis	2
Major Experiment	4
Minor Experiment	2
Viva voce	2
Max. Marks	10
Duration	As per the allotted hours in scheme

The average marks of two Sessional exams shall be computed for internal assessment as per the requirements given in Table – XI.

11.3. End semester Examination

The End semester Theory and practical examination shall be conducted as per the scheme given in Table XV– XVI as per the credits allotted.

Table–XV: End Semester Question Paper Pattern (Theory)

Type of questions	4 Credit Course	3 Credit Course	2 or 1 Credit Course
I. Multiple Choice Questions (MCQs) Or Objective Type Questions	20×1 Mark each or 10×2 Marks each (Compulsory)	10×1 Mark each (Compulsory)	10×1 Mark each (Compulsory)
II. Short Answers	5×4 Marks each (5 out of 7)	5×4 Marks each (5 out of 7)	5×2 Marks each (5 out of 7)
III. Long Answers	2×10 Marks each (2 out of 3)	2×7.5 Marks each (2 out of 3)	2×5 Marks each (2 out of 3)
Max. Marks	60	45	30
Duration	3 Hours	2 Hours	1.5 Hours

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

Table–XVI: End Semester Question Paper Pattern (Practical)

Type of questions	2 or 1 Credit Course
Synopsis	7.5
Major Experiment	10
Minor Experiment	5
Viva voce	7.5
Max. Marks	30
Duration	As per the allotted hours in scheme #

For practical courses (core as well as elective), those having four hours per week shall have a four-hour duration for the sessional and end-semester examinations. Practical courses with less than four hours per week shall have a three-hour duration for the sessional and end-semester examinations.

12. Promotion and award of grades

12.1. Promotion: A student shall be declared PASS and eligible to receive a grade in a course of the B.Pharm. programme if he/she secures at least 50% marks in that particular course, including internal assessment. For example, to be declared PASS and to receive a grade, the student must secure a minimum of 50 marks out of a total of 100, inclusive of internal assessment marks (continuous internal assessment and sessional examination marks) and the end-semester theory examination marks as applicable

12.2. Grace Marks and Moderation: Grace marks shall be awarded to the students as per the norms of the University, with due emphasis on promoting learner progression.

13.Carry forward of internal assessment marks

In case a student fails to secure the minimum 50% in any Theory or Practical course as specified in 12, then he/she shall reappear for the end semester examination of that course. However, his/her marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

HOD | Dean Academics | Associate Director | Director

Yashoda Technical Campus 6757 Satara

14. Improvement of internal assessment

A student shall have the opportunity to improve his/her performance only once in the Sessional exam component of the internal assessment. The re-conduct of the Sessional exam shall be completed within that particular semester only. The re-conduct of sessional examinations for failed candidates shall be conducted only once for the purpose of improving their sessional marks, without changing their continuous internal assessment.

15. End semester supplementary examinations

Supplementary examination should be completed within 2 months of publishing results of regular end semester examination. The proposed end semester examinations to be conducted as per the schedule below

Table–XVI: Tentative schedule of end semester examinations

Semester	For Regular Examiantion
I, III, V and VII	November / December
II, IV, VI and VIII	May / June

16. Academic progression

Students are permitted to progress to the next semester even if they fail a course. However, to appear for the Semester VIII end semester examination, a student must have successfully completed all courses up to Semester VII. The final CGPA shall be awarded only after successful completion of all courses from Semester I to Semester VIII within the maximum duration prescribed by PCI. Lateral entry students shall successfully complete all courses from Semester III to Semester VII before appearing for the Semester VIII end semester examination

17. Grading of performance

17.1. Letter grades and grade points allocations:

Based on the performances, each student shall be awarded a final letter grade at the end of the semester for each course. The letter grades and their corresponding grade points are given in Table – XVII.

HOD Dean Academics Associate Director Director

Yashoda Technical Campus * Satara * 6757

Table–XVII: Letter grades and grade points equivalent to percentage of marks and performance

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
90.00 – 100	O	10	Outstanding
80.00 – 89.99	A	9	Excellent
70.00 – 79.99	B	8	Good
60.00 – 69.99	C	7	Fair
50.00 – 59.99	D	6	Average
Less than 50	F	0	Fail
Absent	AB	0	Fail

A student who remains absent for any end semester examination shall be assigned a letter grade of AB and a corresponding grade point of zero. He/she should reappear for the said evaluation/examination in due course. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.

18. The Semester Grade Point Average (SGPA)

The performance of a student in a semester is indicated by a number called 'Semester Grade Point Average' (SGPA). The SGPA is the weighted average of the grade points obtained in all the courses by the student during the semester.

$$SGPA = \frac{C1G1 + C2G2 + C3G3 + C4G4 + C5G5}{C1 + C2 + C3 + C4 + C5}$$

The SGPA is calculated to two decimal points. It should be noted that, the SGPA for any semester shall take into consideration the F and ABS grade awarded in that semester.

19. Cumulative Grade Point Average (CGPA)

The CGPA is calculated with the SGPA of all the VIII semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all VIII semesters and their courses.

$$SGPA = \frac{C1S1 + C2S2 + C3S3 + C4S4 + C5S5 + C6S6 + C7S7 + C8S8}{C1 + C2 + C3 + C4 + C5 + C6 + C7 + C8}$$

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

CGPA To Percentage Conversion

It is mandatory for Examining Authority to mention both, marks and SGPA and/or CGPA scores, in the marksheets. The conversion factor for calculation of CGPA into percentage should be 10.0 uniformly.

Credit Record and Transfer Mechanism

The Examining Authority shall be responsible for creation and verification of Academic Bank of Credits ID, uploading and maintenance of semester wise credits/grades and award in the ABC and National Academic Depository (NAD) to facilitate the credit transfer and redemption as per guidelines of statutory bodies.

20. Declaration of class

The classification of the degree shall be determined based on the Cumulative Grade Point Average (CGPA) obtained by the candidate, as indicated below:

- First Class with Distinction: **CGPA of 7.50 and above**
- First Class: **CGPA of 6.00 to 7.49**
- Second Class: **CGPA of 5.00 to 5.99**

21. Project work

All students shall undertake a project under the supervision of a teacher and submit a report, preferably with the involvement of an external mentor from Industry, Hospital, NABL or CDSCO-approved labs, or an Allied/Interdisciplinary field. The project shall be carried out in groups not exceeding three members. The project report must be submitted in triplicate as a typed and bound copy of no less than 25 pages. Internal and external examiners appointed by the exam panel recommended by the Board of Study shall evaluate the project during the practical examinations of the respective semester(s), and students shall be evaluated in groups. Additionally, students are permitted the option to pursue a continuous research theme initiated in the seventh semester and extending through the eighth semester. Under this provision, the specific project milestones achieved by the conclusion of the seventh semester shall undergo formal evaluation by the appointed examiners during that semester's final examination.

HOD | Dean Academics | Associate Director | Director

Yashoda Technical Campus * Satara * 6757

The projects shall be evaluated as per the criteria given in **Table XVIII** and **Table XIX** below.

Table - XVIII: Evaluation of Dissertation Book

Sl. No.	Evaluation Criteria	Maximum Marks
1	Objectives of the work undertaken	10
2	Methodology adopted	20
3	Results and discussion	20
4	Conclusion and outcome	10
	Total	**60**

Table XIX. Evaluation of Dissertation Presentation

Sl. No.	Evaluation Criteria	Maximum Marks
1	Presentation of work	40
2	Communication skills	20
3	Question and answer skills	30
	Total	**90**

Explanation: The 60 marks assigned to the dissertation book shall be same for all the students in a group. However, the 90 marks assigned for presentation shall be awarded based on the performance of individual students in the given criteria.

22. Internship

Every candidate shall be required to complete a minimum of 240 hours of practical training, spread over a period of two semesters, in a Pharmaceutical/ Cosmetics/ Medical Devices/ Food Industry, or in a Hospital/Community Pharmacy, or any other relevant field as per the prescribed course content. He/she has to submit two internship reports which will be evaluated separately.

Certificate and Report submission: *75*
Marks ***Presentation and Discussion:*** *25*
Marks ***Total:*** *100 Marks*

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara

23. Industry/Field Visits and other Co-curricular Activities.

It shall be compulsory for pharmacy Institutions to organize industrial/field visit and other co-curricular activities to promote holistic learning through participative, problem-based, experiential and innovative pedagogical methods. Students shall submit individual reports, which shall be assessed in continuous evaluation mode as part of any core course each year, as decided by the Programme Committee.

23.1 Industry/Field Visits

It shall be compulsory for students to undertake at least one industrial/field visit during each year to facilities involved in the manufacturing of active pharmaceutical ingredients, excipients, pharmaceutical formulations, medical devices, food, cosmetics, government/ NABL approved drug and medical device testing laboratories or NABH accredited hospital. It shall be assured by the institutions that the facilities chosen for a particular year shall not be repeated.

23.2 Memorandum of Understanding (MoU)

A formal and legally valid Memorandum of Understanding (MoU) must be executed (minimum 10) between the pharmacy Institution and pharmaceutical Industry/ government/NABL approved drug and medical device testing laboratories/ NABH accredited hospital. Out of those MoUs, 5 must be with the pharmaceutical industries.

23.3 Co-curricular Activities

It shall be compulsory for the pharmacy institution to adopt a village or a ward in the panchayath/municipal corporation and engage in community service activities. The community services shall include (but not limited to) prescription survey, awareness of rational drug use, patient counselling services or activities as per the prescribed course content.

24. Award of Ranks

Ranks and Medals shall be awarded on the basis of final CGPA. However, candidates who fail in one or more courses during the B. Pharm Programme shall not be eligible for award of ranks. Moreover, the candidates should have completed the B. Pharm Programme in minimum prescribed number of years (i.e. four years) for the award of Ranks.

HOD | Dean Academics | Associate Director | Director

Yashoda Technical Campus * Satara * 6757

25. Award of Degree

Candidates who fulfil the requirements mentioned above shall be eligible for award of degree during the ensuing convocation.

26. Duration for Completion of the Programme

The maximum period permitted for completion of the Programme shall be twice the prescribed duration of the Programme. Any student who fails to complete the Programme within this stipulated period shall be required to discontinue the course.

27. Re-admission after Break of Study

A candidate seeking re-admission to the programme after a break in studies must obtain approval from the university by paying the prescribed condonation fee. Condonation will not be granted if the break in study exceeds two years or if the student fails to complete the programme within the maximum permitted duration (N×2).

HOD Dean Academics Associate Director Director

Yashoda Technical Campus 6757 Satara