



Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences & Research  
Centre, Kharadi, Pune-14.

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**Criterion –I**  
**Curricular Aspects**

Key Indicator 1.1: Curricular Planning and Implementation

**1.1.1 *The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment***

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Pune District Education Association's  
Shankarrao Ural College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.

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## **SAVITRIBAI PHULE PUNE UNIVERSITY AFFILIATION LETTERS**

दूरध्वनी क्रमांक :  
०२०-२५६२ ११८८  
२५६२ ११९७

सावित्रीबाई फुले पुणे विद्यापीठ  
(पूर्वीचे पुणे विद्यापीठ)



शैक्षणिक विभाग  
(संलग्नता कक्ष)  
गणेशखिंड, पुणे-४११००७.



240000068

टेलिग्राफ : 'युनिपुणे'  
फॅक्स : ०२०-२५६९१२३३  
वेबसाइट : www.unipune.ac.in  
ई-मेल : affiliation@pun.unipune.ac.in

संदर्भ क्र.: सीए/१३६३

दि.: ३०/०६/२०२३

प्रति,  
मा. प्राचार्य,  
पुणे जिल्हा शिक्षण मंडळ शंकरराव उरसळ कॉलेज ऑफ  
फार्मास्यूटिकल सायन्स अँड रिसर्च सेंटर, खराडी, पत्ता:  
१५/२अ/१/१, झेन्सार आयटी टॉवर जवळ, खराडी, पुणे-४११  
०१४ ता.: पुणे (महानगर पालिका हद्द) जि: पुणे पिनकोड:  
411014  
[CPHP015050]

विषय:- शैक्षणिक वर्ष २०२३-२०२४, या वर्षाकरिता संलग्निकरणाचे नूतनीकरण / नैसर्गिकवादीबाबत

महोदय,

वरील विषयासंदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २०२३-२०२४, करिता खालील रकान्यात नमूद केलेल्या अभ्यासक्रमांच्या संलग्निकरणाच्या नूतनीकरणास / नैसर्गिकवादीस महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम २०१६ तसेच अखिल भारतीय तंत्रशिक्षण परिषद (AICTE)/ राष्ट्रीय शिक्षक शिक्षण परिषद (NCTE)/ बार कौन्सिल ऑफ इंडिया (BCI)/ फार्मसी कौन्सिल ऑफ इंडिया (PCI)/ कौन्सिल ऑफ आर्किटेक्चर (COA)/ विद्यापीठ अनुदान आयोग/संबंधित शिखर संस्था/परिषद/नियामक मंडळ इ.तसेच केंद्र शासन महाराष्ट्र शासन आणि सावित्रीबाई फुले पुणे विद्यापीठ यांचेकडून वेळोवेळी विहित करण्यात आलेल्या आणि येणा- या नियम/आदेश/मार्गदर्शक तत्वे/परिनियम/अध्यादेश इ.तरतूदीनुसार तसेच संबंधित अभ्यासक्रम व प्रवेश क्षमता मान्यतेच्या अधीन राहून तसेच स्वयं मूल्यमापन अहवालातील सोबत जोडलेल्या यादीतील अटी व शर्तीची पूर्तता (लागू असल्यास) विद्यापीठाचे पत्र निर्गमित झाल्याच्या दिनांकापासून तीन महिन्यांच्या आत पूर्ण करण्याच्या अटीवर परवानगी देण्यात येत आहे.

अनु.क्र.	अभ्यासक्रमाचा तपशील	विद्यार्थी संख्या	वर्ष व तुकडी	संलग्निकरणाचा प्रकार
1	एम.फार्म. फार्मास्यूटिक्स	15	वर्ष प्रथम व द्वितिय- Div No.1,	नूतनीकरण
2	एम.फार्म.फार्मास्यूटिकल क्वालिटी अश्वरेन्स	15	वर्ष प्रथम व द्वितिय- Div No.1,	नूतनीकरण

अटी व शर्तीची यादी

अनु.क्र.	अटी व शर्ती
१	Approved librarian not available NBA/NAAC details not available

VSV  
SPPV  
M-pharm.  
Affiliation  
10.07.2023  
A.T. 2023-2024  
P.D.E.A.'s S. U. College Of P. S. & S. U. Details  
INWARD NO: 215  
DATE: 10/7/23

स. द. डावखर  
उपकुलसचिव

1 of 2



सावित्रीबाई फुले पुणे विद्यापीठ  
(पूर्वीचे पुणे विद्यापीठ)  
**Savitribai Phule Pune University**  
(Formerly Pune University)  
Ganeshkhind, Pune - 411007



दूरध्वनी क्रमांक : ०२०- २५६२११८८/८९  
Telephone : 020-25621188/89  
ईमेल / Email : [affiliation@pun.unipune.ac.in](mailto:affiliation@pun.unipune.ac.in)

शैक्षणिक विभाग (संलग्नता कक्ष)  
Academic Section (Affiliation Unit)  
वेबसाइट/Website: [www.unipune.ac.in](http://www.unipune.ac.in)

Ref. No. : CA/2068

Date : 04 November, 2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Pune District Education Association's Shankarrao Ursal College of Pharmaceutical Sciences and Research Centre, Kharadi, Pune 411 014 is affiliated to the Savitribai Phule Pune University, since 2009 (PU/PN/Pharm/384/[2009]) and the following courses are taught in the said college as per approval.

<u>Courses Under Graduate</u>	<u>Duration of the Course</u>	<u>Affiliation (Permanent / Temporary)</u>	<u>Validity Period</u>
B.Pharmacy	04 Years	Permanent	from 2022-23

<u>Courses Post Graduate</u>	<u>Duration of the Course</u>	<u>Affiliation (Permanent / Temporary)</u>	<u>Validity Period</u>
M.Pharmacy - Pharmaceutics	02 Years	Temporary	Upto 2022-23
M.Pharmacy - Pharmaceutical Quality Assurance	02 Years	Temporary	Upto 2022-23
Ph.D. - Pharmacy	-----	Temporary	Upto 2024-25

The said certificate is issued as per the request application received from the Principal of the college vide Ref. No. SVCOPSRC/249/2022-2023, dated 20/10/2022 so as to submit it to the National Assessment and Accreditation Council (NAAC), Bengaluru.

(Dr. Prafulla A. Pawar)  
Registrar

*UUB/KCK*  
*08.11.2022*  
*SPPU*  
*Affiliation*  
*Certificate*  
*for NAAC*

P.D.E.A.'s U. College of P.S. & R.C. Kharadi  
INWARD NO: 555

DATE: 8/11/22

दूरध्वनी क्रमांक :  
०२०-२५६२११८८  
२५६२११९७

सावित्रीबाई फुले पुणे विद्यापीठ  
(पूर्वीचे पुणे विद्यापीठ)



शैक्षणिक विभाग  
(संलग्नता कक्ष)  
गणेशखिंड, पुणे-४११००७.



220700129

टेलिग्राफ : 'युनिपुणे'  
फॅक्स : ०२०-२५६९१२३३  
वेबसाइट : www.unipune.ac.in  
ई-मेल : affiliation@pun.unipune.ac.in

संदर्भ क्र.:CA/१२२७

दि.:०८/०८/२०२२

प्रति,  
मा. प्राचार्य,  
पुणे जिल्हा शिक्षण मंडळ शंकरराव उरसळ कॉलेज ऑफ  
फार्मास्यूटिकल सायन्स अँड रिसर्च सेंटर, खराडी. पत्ता:  
१५/२अ/१/१, जेन्सार आयटी टॉवर जवळ, खराडी, पुणे-४११  
०१४ ता.: पुणे (महानगर पालिका हद्द) जि: पुणे पिनकोड:  
411014  
[CPHP015050]

विषय:- शैक्षणिक वर्ष २०२२-२०२३ या वर्षाकरिता संलग्नीकरणाचे नूतनीकरण / नैसर्गिकवाढीबाबत

महोदय,

वरील विषयासंदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २०२२-२०२३ करिता खालील रकान्यात नमूद केलेल्या अभ्यासक्रमांच्या संलग्नीकरणाच्या नूतनीकरणास / नैसर्गिकवाढीस महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ तसेच अखिल भारतीय तंत्रशिक्षण परिषद (AICTE)/ राष्ट्रीय शिक्षक शिक्षण परिषद (NCTE)/ वार कौन्सिल ऑफ इंडिया (BCI)/ फार्मसी कौन्सिल ऑफ इंडिया (PCI)/ कौन्सिल ऑफ आर्किटेक्चर (COA)/ विद्यापीठ अनुदान आयोग/संबंधित शिखर संस्था/परिषद/नियामक मंडळ इ.तसेच केंद्र शासन, महाराष्ट्र शासन आणि सावित्रीबाई फुले पुणे विद्यापीठ यांचेकडून वेळोवेळी विहित करण्यात आलेल्या आणि येणा- या नियम/आदेश/मार्गदर्शक तत्वे/परिनियम/अध्यादेश इ.तरतूदीनुसार तसेच संबंधित अभ्यासक्रम व प्रवेश क्षमता मान्यतेच्या अधीन राहून तसेच स्वयं मूल्यमापन अहवालातील सोबत जोडलेल्या यादीतील अटी व शर्तीची पूर्तता (लागू असल्यास) विद्यापीठाचे पत्र निर्गमित झाल्याच्या दिनांकापासून सहा महिन्यांच्या आत पूर्ण करण्याच्या अटीवर परवानगी देण्यात येत आहे.

अनु.क्र.	अभ्यासक्रमाचा तपशील	विद्यार्थी संख्या	वर्ष व तुकडी	संलग्नीकरणाचा प्रकार
1	एम.फार्म. फार्मास्यूटिक्स	15	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
2	एम.फार्म.फार्मास्यूटिकल क्वालिटी अश्युरेन्स	15	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
3	बी.फार्म.	60	वर्ष पहिले ते चौथे- Div No.1,	नूतनीकरण

अटी व शर्तीची यादी	
अनु.क्र.	अटी व शर्ती
१	SAR accepted. 1. Institute should apply for NAAC/NBA for accreditation.

KGR  
12.08.2022  
SPB  
Affiliation  
B.Pharm & M.Pharm.  
A.T. 2022-2023  
PUNE'S S.U. College Of P.S. & R.O. Khadi  
170  
DATE: 14/8/22



दूरध्वनी क्रमांक :  
०२०-२५६२११८८  
२५६२११५६  
२५६२११५७  
२५६२११६१

## सावित्रीबाई फुले पुणे विद्यापीठ (पूर्वीचे पुणे विद्यापीठ)



शैक्षणिक विभाग  
गणेशखिंड, पुणे-४११००७.

टेलिग्राफ : 'युनिपुणे'  
फॅक्स : ०२०-२५६९१२३३  
वेबसाइट : www.unipune.ac.in  
ई-मेल : affiliation@pun.unipune.ac.in



210600136

संदर्भ क्र.:CA/848

दि.:22/07/2021

प्रति,  
मा. प्राचार्य,  
पुणे जिल्हा शिक्षण मंडळ शंकरराव उरसळ कॉलेज ऑफ  
फार्मास्यूटिकल सायन्स अँड रिसर्च सेंटर, खराडी. पत्ता:  
१५/२अ/१/१, झेन्सार आयटी टॉवर जवळ, खराडी, पुणे-४११  
०१४ ता.: पुणे (महानगर पालिका हद्द) जि: पुणे पिनकोड:  
411014  
[CPHP015050]

विषय:- शैक्षणिक वर्ष २०२१-२०२२, या वर्षाकरिता संलग्नीकरणाचे नूतनीकरण / नैसर्गिकवादीबाबत

महोदय,

वरील विषयासंदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २०२१-२०२२, करिता खालील रकान्यात नमूद केलेल्या अभ्यासक्रमांच्या संलग्नीकरणाच्या नूतनीकरणास / नैसर्गिकवादीस महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ तसेच अखिल भारतीय तंत्रशिक्षण परिषद (AICTE)/ राष्ट्रीय शिक्षक शिक्षण परिषद (NCTE)/ वार कौन्सिल ऑफ इंडिया (BCI)/ फार्मसी कौन्सिल ऑफ इंडिया (PCI)/ कौन्सिल ऑफ आर्किटेक्चर (COA)/ विद्यापीठ अनुदान आयोग/संबंधित शिखर संस्था/परिषद/नियामक मंडळ इ.तसेच केंद्र शासन, महाराष्ट्र शासन आणि सावित्रीबाई फुले पुणे विद्यापीठ यांचेकडून वेळोवेळी विहित करण्यात आलेल्या आणि येणा-या नियम/आदेश/मार्गदर्शक तत्वे/परिनियम/अध्यादेश इ.तरतूदीनुसार तसेच संलग्नीकरणासक्रम व प्रवेश क्षमता मान्यतेच्या अधीन राहून तसेच स्वयं मूल्यमापन अहवालातील सोबत जोडलेल्या यादीतील अटी व शर्ती (लागू असल्यास) विद्यापीठाचे पत्र निर्गमित झाल्याच्या दिनांकापासून सहा महिन्यांच्या आत पूर्ण करण्याच्या अटीवर परवानगी देण्यात येत आहे.

	अभ्यासक्रमाचा तपशील	विद्यार्थी संख्या	प्रथमपाळी/व्दितीय पाळी (लागू असल्यास)	संलग्नीकरणाचा प्रकार
1	एम.फार्म. फार्मास्यूटिक्स	15	वर्ष प्रथम व व्दितिय- Div No.1,	नूतनीकरण
2	एम.फार्म.फार्मास्यूटिकल क्वालिटी अश्व्युरेन्स	15	वर्ष प्रथम व व्दितिय- Div No.1,	नूतनीकरण
3	बी.फार्म.	60	वर्ष पहिले ते चौथे- Div No.1,	नूतनीकरण

अटी व शर्तीची यादी	
अनु.क्र.	अटी व शर्ती
१	1. PG intake is shown as 18. It should be corrected as 15 2. Regular Librarian not available.  SAR accepted.

FCR  
SEP  
Affiliation  
for A.Y. 2021-22  
260724

P.D.E.A.'s S. U. College Of P. S. & R. C. Kharadi  
INWARD NO: 174

DATE: 26/7/21

# सावित्रीबाई फुले पुणे विद्यापीठ

दूरध्वनी क्रमांक :

०२०-२५६९१२३३  
२५६०१२५७  
२५६०१२५८  
२५६०१२५९



200800186

(पूर्वीचे पुणे विद्यापीठ)



शैक्षणिक विभाग

गणेशखिंड, पुणे-४११००७.

टेलिग्राफ : 'युनिपुणे'

फॅक्स : ०२०-२५६९१२३३

वेबसाइट : www.unipune.ac.in

ई-मेल : affiliation@pun.unipune.ac.in

संदर्भ क्र.:सीए/५३१

दि.:५ ऑगस्ट, २०२०

प्रति,

मा. प्राचार्य,

पुणे जिल्हा शिक्षण मंडळ शंकरराव उरसळ कॉलेज ऑफ

फार्मास्यूटिकल सायन्स अँड रिसर्च सेंटर, खराडी. पत्ता:

१५/२अ/१/१, झेन्सार आयटी टॉवर जवळ, खराडी, पुणे-४११

०१४ ता.: पुणे (महानगर पालिका हद्द) जि: पुणे पिनकोड:

411014

[CPHP015050]

विषय:- शैक्षणिक वर्ष २०२०-२०२१, या वर्षाकरिता संलग्नीकरणाचे नूतनीकरण / नैसर्गिकवाढीबाबत

महोदय,

वरील विषयासंदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २०२०-२०२१, या वर्षाकरिता खालील रकान्यात नमूद केलेल्या अभ्यासक्रमांच्या संलग्नीकरणाच्या नूतनीकरणास / नैसर्गिकवाढीस महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ तसेच अखिल भारतीय तंत्रशिक्षण परिषद/विद्यापीठ अनुदान आयोग/संबंधित शिखर संस्था/परिषद/नियामक मंडळ इ.तसेच केंद्र शासन, महाराष्ट्र शासन आणि सावित्रीबाई फुले पुणे विद्यापीठ यांचेकडून वेळोवेळी विहित करण्यात आलेल्या आणि येणाऱ्या नियम/आदेश/मार्गदर्शक तत्वे/परिनियम/अध्यादेश इ.तरतूदीनुसार तसेच संबंधित अभ्यासक्रम व प्रवेश क्षमता मान्यतेच्या त्याचप्रमाणे संबंधित स्वयं मूल्यमापन व त्रुटी पूर्तता अहवालांच्या छाननी व तपासणीअंतीच्या अटी व शर्तीची विहित मुदतीत पूर्तता करण्याच्या अधीन राहून परवानगी देण्यात येत आहे.

अनु.क्र.	अभ्यासक्रमाचा तपशील	विद्यार्थी संख्या	प्रथमपाळी/द्वितीय पाळी (लागू असल्यास)	संलग्नीकरणाचा प्रकार
1	एम.फार्म. फार्मास्यूटिक्स	18	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
2	एम.फार्म.फार्मास्यूटिकल क्वालिटी अश्युरेन्स	18	वर्ष प्रथम व द्वितीय- Div No.1,	नूतनीकरण
3	बी.फार्म.	60	वर्ष पहिले ते चौथे- Div No.1,	नूतनीकरण

कळावे,

आपली,

सहायक कुलसचिव  
(संलग्नता कक्ष)

KEB  
SPPU  
Affiliation B-pharm & M-pharm  
A.N. 2020-21  
08082020

P.D.E.A.'s S. U. College Of P. S. & R. C. Kharadi  
INWARD NO: 104

DATE: 8/8/2020



# सावित्रीबाई फुले पुणे विद्यापीठ

दूरध्वनी क्रमांक :

०२०-२५६९१२३३

२५६०१२५७

२५६०१२५८

२५६०१२५०



190300020

(पूर्वीचे पुणे विद्यापीठ)



शैक्षणिक विभाग

गणेशखिंड, पुणे-४११००७.

टेलिग्राफ : 'युनिपुणे'

फॅक्स : ०२०-२५६९१२३३

वेबसाइट : www.unipune.ac.in

ई-मेल : affiliation@pun.unipune.ac.in

संदर्भ क्र.: CA/ 541

दि.: 14/05/2019

प्रति,

मा. प्राचार्य,

पुणे जिल्हा शिक्षण मंडळ शंकरराव उरसळ कॉलेज ऑफ

फार्मास्यूटिकल सायन्स अँड रिसर्च सेंटर, खराडी, पत्ता:

१५/२अ/१/१, झेन्सार आयटी टॉवर जवळ, खराडी, पुणे-४११

०१४ ता.: पुणे (महानगर पालिका हद्द) जि: पुणे पिनकोड:

411014

विषय:- शैक्षणिक वर्ष २०१९-२०२०, या वर्षाकरिता संलग्निकाणाचे नूतनीकरण / नैसर्गिकवाढीबाबत

महोदय,

वरील विषयासंदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २०१९-२०२०, या वर्षाकरिता खालील रकान्यात नमूद केलेल्या अभ्यासक्रमांच्या संलग्निकाणाच्या नूतनीकरणास / नैसर्गिकवाढीस अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली व तंत्रशिक्षण संचालनालय, महाराष्ट्र शासन यांचे अभ्यासक्रम व प्रवेश क्षमता मान्यतेच्या अधीन राहून तसेच स्वयं मूल्यमापन अहवालातील सोबत जोडलेल्या यादीतील अटी व शर्तीची पूर्तता विद्यापीठाचे पत्र निर्गमित झाल्याच्या दिनांकापासून सहा महिन्यांच्या आत पूर्ण करण्याच्या अटीवर परवानगी देण्यात येत आहे.

अ.क्र.	अभ्यासक्रमाचा तपशील	विद्यार्थी संख्या	प्रथम पाळी/द्वितीय पाळी	संलग्निकाणाचा प्रकार
1	एम.फार्म. क्वालिटी अश्वयूरेन्स टेक्नीक्स	18	प्रथम पाळी - Div No.1,	नूतनीकरण
2	एम.फार्म. फार्मास्यूटिक्स	18	द्वितीय पाळी - Div No.1,	नूतनीकरण
3	बी.फार्म.	60	वर्ष पहिले ते चौथे - Div No.1,	नूतनीकरण

कळावे,

आपला,

*[Signature]*  
14/05/19

सहायक कुलसचिव  
(संलग्नता कक्ष)

सोबत : अटी व शर्तीची यादी.

*[Handwritten signatures and dates]*  
22/05/2019  
17.7.2019-20

P.D.E.A.'s S. U. College Of P. S. & R. C. Kharadi  
INWARD NO: 2072  
DATE 22/5/19

सावित्रीबाई फुले पुणे विद्यापीठ  
(पूर्वीचे पुणे विद्यापीठ)

दूरध्वनी क्रमांक :

०२०-२५६९१२३३  
२५६०१२५७  
२५६०१२५८  
२५६०१२५९



180400260



शैक्षणिक विभाग  
गणेशखिंड, पुणे-४११००७.

टेलिग्राफ : 'युनिपुणे'  
फॅक्स : ०२०-२५६९१२३३  
वेबसाइट : www.unipune.ac.in  
इ-मेल : affiliation@pun.unipune.ac.in

संदर्भ क्र.:CA/ 9388

दि.: 99/06/2018

प्रति,  
मा. प्राचार्य,  
पुणे जिल्हा शिक्षण मंडळ शंकरराव उरसळ कॉलेज ऑफ  
फार्मास्यूटिकल सायन्स अँड रिसर्च सेंटर, खराडी. पत्ता:  
१५/२अ/१/१, झेन्सार आयटी टॉवर जवळ, खराडी, पुणे-४११  
०१४ ता.: पुणे (महानगर पालिका हद्द) जि: पुणे पिनकोड:  
411014

विषय:- शैक्षणिक वर्ष २०१८-२०१९, या वर्षाकरिता संलग्नीकरणाचे नूतनीकरण / नैसर्गिकवादीबाबत

महोदय,

वरील विषयासंदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २०१८-२०१९, या वर्षाकरिता खालील नैसर्गिकवादीसमूह केलेल्या अभ्यासक्रमांच्या संलग्नीकरणाच्या नूतनीकरणास / नैसर्गिकवादीस अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली व तंत्रशिक्षण संचालनालय, महाराष्ट्र शासन यांचे अभ्यासक्रम व प्रवेश क्षमता मान्यतेच्या अधीन राहून तसेच स्वयं मूल्यमापनाच्या आधारे सोबत जोडलेल्या यादीतील अटी व शर्तीची पूर्तता विद्यापीठाचे पत्र निर्गमित झाल्याच्या दिनांकापासून महा महिन्याच्या १० पूर्ण करण्याच्या अटीवर परवानगी देण्यात येत आहे, तसेच सदर अटी व शर्तीची पूर्तता न केल्यास महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ कलम ११०(२) च्या अधीन राहून कार्यवाही करण्यात येईल.

अनु.क्र.	अभ्यासक्रमाचा तपशील	विद्यार्थी संख्या	प्रथमपाळी/द्वितीय पाळी	संलग्नीकरणाचा प्रकार
1	एम.फार्म. क्वालिटी अश्वूरेन्स टेक्नीक्स	18	वर्ष प्रथम व द्वितीय- Div No.1,,	नूतनीकरण
2	एम.फार्म. फार्मास्यूटिक्स	18	वर्ष प्रथम व द्वितीय- Div No.1,,	नूतनीकरण
3	बी.फार्म.	60	वर्ष पहिले ते चौथे- Div No.1,,	नूतनीकरण

कळावे,

आपला,

*(Signature)*  
सहायक कुलसचिव  
(संलग्नता कक्ष)

सोबत : अटी व शर्तीची यादी.

*KGS*  
*SPPU*  
*Affiliation*  
*A-F. 2018-19*  
*1 of 1*  
*B-pharm &*  
*M-pharm.*  
*2808/8*

P.D.E.A.'s S. U. College Of P. S. & R. C. Kharadi  
INWARD NO: *SAS*  
DATE: *28/8/18*



# पुणे विद्यापीठ



दूरध्वनी क्रमांक :

०२०-२५६९१२३३

२५६०१२५७

२५६०१२५८

२५६०१२५९

शैक्षणिक विभाग

गणेशखिंड, पुणे-४११००७.

टेलिग्राफ : 'युनिपुणे'

फॅक्स : ०२०-२५६९१२३३

वेबसाइट : www.unipune.ernet.in

ई-मेल : dyracademic@unipune.ernet.in

संदर्भ क्र. : सीए/८०८३

दिनांक : २२/१०/२००९

प्रति,

मा. अध्यक्ष/सचिव,

पुना डिस्ट्रीक्ट एज्युकेशन असोशिएशन,

सर्व्हे नं. ४८/१, एरंडवणा, पौड रोड,

पुणे-४११ ०३८.

विषय : शैक्षणिक वर्ष २००९-१० या एका वर्षाकरिता नवीन महाविद्यालय सुरू करण्यास परवानगी देण्याबाबत.

संदर्भ : शासन निर्णय क्र. टिईएम-२००८/(४५६)/०८/तांशि-१,  
दि. २० ऑक्टोबर, २००८.

महोदय,

वरील विषयाच्या संदर्भात प्राप्त झालेल्या आदेशानुसार आपणास कळविण्यात येते की, आपल्या संस्थेच्या वरील महाविद्यालयास शैक्षणिक वर्ष २००९-१० या एका वर्षाकरिता बी. फार्मसी (६० विद्यार्थी प्रवेश क्षमता) या अभ्यासक्रमांचे नवीन महाविद्यालय खराडी, ता. हवेली, जि. पुणे येथे कायम विना अनुदान तत्वावर सुरू करण्यास अहवालातील अटी व शर्तीची पूर्तता विद्यापीठाचे पत्र निर्गमित झाल्यापासून तीन महिन्यांच्या आत पूर्ण करण्याच्या अटीवर परवानगी देण्यात येत आहे.

महाराष्ट्र विद्यापीठ कायदा १९९४ कलम ८१ मधील तरतुदींच्या अधिन राहून व पुणे विद्यापीठ अध्यादेश १७१ प्रमाणे बॅकेत ठेव ठेवणे महाविद्यालयावर बंधनकारक आहे. त्याचप्रमाणे नवीन महाविद्यालय सुरू करताना महाराष्ट्र शासन/विद्यापीठ नियमानुसार आवश्यक प्राचार्य, शिक्षक व शिक्षकेतर सेवकांची नियुक्ती करणे महाविद्यालयावर बंधनकारक राहतील. तसेच पुणे विद्यापीठ व महाराष्ट्र शासनाद्वारे वेळोवेळी अस्तित्वात येणारे नियम आपणास बंधनकारक राहतील, याची नोंद घ्यावी.

आपल्या महाविद्यालयाचा आय.डी. नंबर (Id.No. PU/PN/Pharm/384/2009) असा आहे.

कळावे,

सोबत : अहवाल.

P.D.E.A's S.U. College Of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-41.  
INWARD NO: ९९  
Date : 30/10/2009

आपला वश्वास

उपकुलसचिव  
(शैक्षणिक विभाग)

प्रत माहिती व योग्य त्या कार्यवाहीसाठी :

- १) मा. सचिव, उच्च व तंत्र शिक्षण महाराष्ट्र शासन, मंत्रालय विस्तार भवन, मुंबई-४०० ०३२.
- २) मा. सहसचिव, उच्च व तंत्र शिक्षण महाराष्ट्र शासन, मंत्रालय विस्तार भवन, मुंबई-४०० ०३२.
- ३) मा. संचालक, (उच्च शिक्षण), महाराष्ट्र शासन शिक्षण संचालनालय, मध्यवर्ती इमारत, पुणे-४११ ००१.
- ४) मा. सहसंचालक, (उच्च शिक्षण अनुदान), पुणे विभागीय कार्यालय, १७, डॉ. आंबेडकर मार्ग, सेंट मॅथ्यू मराठी चर्चच्या बाजूस, लाल देवळासमोर, पहिला मजला, पुणे-४११ ००१.
- ५) मा. परीक्षा नियंत्रक, परीक्षा विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- ६) मा. वित्त व लेखा अधिकारी, पुणे विद्यापीठ, पुणे-४११ ००७.
- ७) मा. उपकुलसचिव, शैक्षणिक प्रवेश विभाग, पुणे विद्यापीठ, पुणे-४१०१८९१ ००७.
- ८,९) मा. उपकुलसचिव, परीक्षा विभाग १,२ पुणे विद्यापीठ, पुणे-४११ ००७.
- १०) मा. सहा. कुलसचिव, शैक्षणिक पात्रता, पुणे विद्यापीठ, पुणे-४११ ००७.
- ११) मा. सहा कुलसचिव, परीक्षा विभाग, बी.ए., बी.कॉम., बी.एस्सी., अभियांत्रिकी, फार्मसी, व्यवस्थापन, पुणे विद्यापीठ, पुणे-४११ ००७.
- १२) मा. सहा कुलसचिव, नियोजन व विकास विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- १३) कक्षाधिकारी, डाटा प्रोसेसिंग युनिट, पुणे विद्यापीठ, पुणे-४११ ००७.
- १४) कक्षाधिकारी, परीक्षा समन्वय विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- १५) कक्षाधिकारी, सभा व दफतर विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- १६) सांख्यिकी विभाग, महाविद्यालय व विद्यापीठ विकास मंडळ, पुणे विद्यापीठ, पुणे-४११ ००७.



PRINCIPAL  
Pune District Education Association's  
Shankarrao Ursai College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.

# पुणे विद्यापीठ

दूरध्वनी क्रमांक :

०२०-२५६९१२३३

२५६०१२५७

२५६०१२५८

२५६०१२५९



शैक्षणिक विभाग

गणेशखिंड, पुणे-४११००७.

टेलिग्राफ : 'युनिपुणे'

फॅक्स : ०२०-२५६९१२३३

वेबसाइट : www.unipune.ac.in

ई-मेल : dyracademic@unipune.ac.in

संदर्भ क्र. : सीए/३२६०

दिनांक : २६/१०/१२

प्रति,

मा. प्राचार्य,

पुना डिस्ट्रीक्ट एज्युकेशन असोशिएशनचे  
शंकरराव उरसळ कॉलेज ऑफ फार्मास्युटीकल  
सायन्सेस अँड रिसर्च सेंटर,  
१५/२अ/१/१, खराडी, ता.हवेली, जि.पुणे.

विषय : शैक्षणिक वर्ष २०१२-१३ या एका वर्षाकरिता एका वर्षाकरिता नवीन  
अभ्यासक्रम सुरू करण्यास परवानगी देण्याबाबत.

संदर्भ : शासन निर्णय क्र.टीईएम-२०१२/प्र.क्र.९५(भाग-१)/ताशिं-४  
दि. ३० जून २०१२

महोदय,

वरील विषयाच्या संदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २०१२-१३ या एका वर्षाकरिता प्रथम वर्ष एम. फार्मसी - १) फार्मास्युटीक्स व २) क्वालिटी एंशुरन्स टेक्नीक्स (प्रत्येकी १८ विद्यार्थी प्रवेश क्षमता), हे अभ्यासक्रम नव्याने कायम विनाअनुदानित तत्त्वावर करण्यास अहवालातील अटी व शर्तीची पूर्तता विद्यापीठाचे हे पत्र निर्गमित झाल्याच्या तारखेपासून तीन महिन्यांच्या आत पूर्ण करण्याच्या अटीवर परवानगी देण्यात येत आहे.

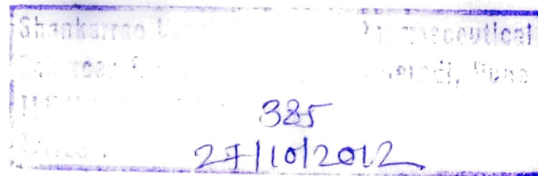
तसेच पुणे विद्यापीठ व महाराष्ट्र शासनाद्वारे वेळोवेळी अस्तित्वात येणारे नियम आपणांस बंधनकारक राहतील, याची कृपया नोंद घ्यावी.

कळावे,

सोबत : अहवाल

आपली विश्वासू,

*[Signature]*  
२५-१०-१२  
उपकुलसचिव  
(शैक्षणिक विभाग)





सावित्रीबाई फुले पुणे विद्यापीठ  
(पूर्वीचे पुणे विद्यापीठ)

दूरध्वनी क्रमांक:

०२०-२५६९१२३३

२५६०१२५७

२५६०१२५८

२५६०१२५९



19120019



टेलिग्राफ : युनिपुणे

फॅक्स : ०२०-२५६९१२३३

वेबसाइट : www.unipune.ac.in

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शैक्षणिक विभाग  
गणेशखिंड, पुणे-४११००७.

दि.: ०५/०३/२०२०

संदर्भ क्र.: CA/ 283

मा. प्राचार्य/संचालक,

पुणे जिल्हा शिक्षण मंडळ शंकरराव उरसाळ कॉलेज ऑफ

फार्मास्यूटिकल सायन्स अँड रिसर्च सेंटर खराडी, पत्ता:

१५/२अ/१/१ डेन्मार आयटी टॉवर जवळ खराडी पुणे-८११

०१४ ता.: पुणे (महानगर पालिका हद्द) जि: पुणे पिनकोड:

411014

विषय: संशोधन केंद्राच्या नूतनीकरणाबाबत...

संदर्भ क्र.: १) भारतीय राजपत्र क्र.: २७८ दि. ५ जुलै २०१६ च्या संशोधन केंद्रा संदर्भात निर्गमित केलेली नियमावली.

२) सीए/३०९३ परिपत्रक क्र.: १२२/२०१६ दि. ०३.०८.२०१६

३) सीए/१८२२/२०१८, परिपत्रक क्र.: १४४/२०१८ दि. १६.०८.२०१८

महोदय,

उपरोक्त विषय व संदर्भातील परिपत्रकातील नियमांच्या अधीन राहून विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयात खालील रकान्यात नमूद केलेल्या विषयांच्या पीएच.डी. संशोधन केंद्राच्या/संस्थेच्या नूतनीकरणास मान्यता देण्यात येत आहे.

तथापि संशोधन केंद्रात खालील बाबींचे अनुपालन करणे आवश्यक आहे.

१) दर सहा महिन्यांचा पदव्युत्तर संशोधन केंद्राचा प्रगती अहवाल (Progress Report) शैक्षणिक विभागाला सादर करणे आवश्यक आहे.

२) खालील नमूद कालावधीसाठी संशोधन केंद्रामध्ये रकान्यात नमूद केलेल्या विषयांचे पीएच.डी. संशोधन मार्गदर्शक असणे आवश्यक आहे.

अनु.क्र.	अभ्यासक्रमाचा तपशील	विद्याशाखा	शैक्षणिक वर्ष	संलग्नीकरणाचा प्रकार
1	विज्ञान व तंत्रज्ञान - पीएच.डी. फार्मसी	औषधनिर्माणशास्त्र	२०२०-२०२१, २०२१-२०२२, २०२२-२०२३, २०२३-२०२४, २०२४-२०२५,	*नूतनीकरण संशोधन

कळवि.

VUB Ph.D. file Approval from 2020-21 to 2024-25

P.D.E.A.'s S. U. College Of P. S. & R. C. Kharadi  
INWARD NO: 16483

DATE: 9/3/2020

उपकुलसचिव  
(शैक्षणिक विभाग)

प्रत माहिती व योग्य त्या कार्यवाहीसाठी:

१. मा. संचालक, परीक्षा व मुख्यमापन मंडळ, सावित्रीबाई फुले पुणे विद्यापीठ पुणे - ४११ ००८

२. उपकुलसचिव, शैक्षणिक संवत्ता, सावित्रीबाई फुले पुणे विद्यापीठ पुणे - ४११ ००७

३. उपकुलसचिव प्रवेश विभाग, सावित्रीबाई फुले पुणे विद्यापीठ पुणे - ४११ ००७

४. कक्षाधिकारी, विद्यापीठ आध्यासन व संशोधन मंडळ, (व)

पुणे - ४१ १००७

सावित्रीबाई फुले पुणे विद्यापीठ



PRINCIPAL  
Pune District Education Association's  
Shankarrao Ursai College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.



Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.

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**PHARMACY COUNCIL OF INDIA APPROVAL LETTERS**



## PHARMACY COUNCIL OF INDIA

E-mail : registrar@pci.nic.in

NBCC Centre, 3rd Floor Plot No.2, Community Centre

Website : www.pci.nic.in

Maa Anandamai Marg Okhla Phase I

Contact : 011-61299900/01/02/03

NEW DELHI - 110020

### DECISION LETTER

Institute Name / Inst ID : Poona District Education Associations Shankarrao Ursal College Of Pharmaceutical Sciences And Research Center Near Zensar It Tower Kharadi Pune Maharashtra/PCI-1585

State : MAHARASHTRA

District : PUNE

Sub-District : Haveli

Village/Town/City : Pune

Pin Code : 411014



Sir / Madam

With reference to the subject cited above i am directed to convey the approval of PCI as per Following Details

Course	Name of Affiliation	Decision	Approval Status
B.Pharm	The Registrar Savitribai Phule Pune University Ganeshkhind Road Pune	Extension of approval upto 2023-2024 for 60 admissions (B.Pharm)	Approved
M.Pharm Pharmaceutics	The Registrar Savitribai Phule Pune University Ganeshkhind Road Pune	M Pharm Pharmaceutics-15	Approved
M.Pharm Pharmaceutical Quality Assurance	The Registrar Savitribai Phule Pune University Ganeshkhind Road Pune	M Pharm Quality Assurance Techniques- 15	Approved

Date : 10th April 2020

KGB  
PCI Approval  
upto A-7, 2023-24  
05/06/2020

P.D.E.A.'s S. U. College Of P. S. & R. C. Kharadi  
INWARD NO : 001/A

For Archana Mudgal  
Registrar-cum-Secretary

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Page 1 of 2

DATE: 5/6/2020



545	325 EC Item No. MS-116/ 2020-2021 PCI-1521	P.S.G.V.P. Mandal's Institute of Pharmacy (D.Pharmacy), Shahada, Dist. Nandurbar-425 409.	Extension of approval upto 2023-2024 for 60 admissions (D.Pharm)
546	325 EC Item No. MS-117/ 2020-2021 PCI-1524	P S Ts Channabasweshwar Polytechnic College Kava Road Basweshwar Chowk Latur Maharashtra	Extension of approval upto 2023-2024 for 60 admissions (D.Pharm)
547	325 EC Item No. MS-118/ 2020-2021 PCI-1584	Poona District Education Association's Shakarrao Ursal College of Pharmacy(Diploma) Sr. No. 15/2A/1/1, Behind Zensar I.T. Tower, Kharadi, Tal. Haveli, Distt. Pune	Extension of approval upto 2023-2024 for 60 admissions (D.Pharm)
548	325 EC Item No. MS-119/ 2020-2021 PCI-1585	Poona District Education Associations Shankarrao Ursal College of Pharmaceutical Sciences and Research Center, Sr.No.15/2A/1/1 Near Zensar IT Tower, Kharadi, Pune-411014 (Maharashtra)	Extension of approval upto 2023-2024 for 60 admissions (B.Pharm) M PharmPharmaceutics-15 M PharmQuality Assurance Techniques-15
549	325 EC Item No. MS-120/ 2020-2021 PCI-1609	Pravara Rural Education Societys, College of Pharmacy (D. Pharm), Mohu-Chincoli Tal, Sinnar Dist, Nashik " 422 102.	Extension of approval upto 2023-2024 for 60 admissions (D.Pharm)
550	325 EC Item No. MS-121/ 2020-2021 PCI-1668	R.M.S. Institute of Pharmacy 92/1, Behind Hotel Sahyog, Sayane Khurd, Malegaon, Dist. Nashik 423 203.	Extension of approval upto 2023-2024 for 60 admissions (D.Pharm)
551	325 EC Item No. MS-122/ 2020-2021 PCI-1725	Ramchandra Sanskritik Krida Mandal's, C.P. College of D.Pharmacy, Jalna.	Extension of approval upto 2023-2024 for 60 admissions (D.Pharm)



**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.



# PHARMACY COUNCIL OF INDIA

A Statutory body under Ministry of Health and Family Welfare  
Government of India

E - MAIL : registrar@pci.nic.in  
WEBSITE : www.pci.nic.in  
Telephone : 011-61299900  
011 - 61299901, 011 - 61299902  
011-61299903

NBCC Centre, 3rd Floor  
Plot No.2, Community Centre  
Maa Anandamal Marg  
Okhla Phase I  
NEW DELHI - 110020

## DECISION LETTER

Institute Name / Inst ID Poona District Education Associations  
Shankarrao Ursal College Of Pharmaceutical  
Sciences And Research Center Near Zensar It  
Tower Kharadi Pune Maharashtra / PCI-1585

State MAHARASHTRA  
District PUNE  
Sub-District Haveli  
Village/Town/City Pune  
Pin Code 411014



Sir / Madam

With reference to the subject cited above I am directed to convey the approval of PCI as per Following Details

Course	Name of Affiliation body/University	Decision	Approval Status	Approval Upto	Approval Intake
B.Pharm	The Registrar Savitribai Phule Pune University Ganeshkhind Road Pune	B.Pharm B.Pharm course is already approved upto 2023-2024 academic session for 60 admissions.	Approved	2023-2024	60
D.Pharm	Msble	D.Pharm Grant approval for 2023-2024 academic session for the conduct of 2nd year for 60 admissions for D.Pharm course. Allow 60 admissions in 2023-2024 academic session in 1st year.	Approved	2023-2024	60
M.Pharm Pharmaceutics	The Registrar Savitribai Phule Pune University Ganeshkhind Road Pune	M.Pharm (Pharmaceutics) - 15	Approved	2023-2024	15
M.Pharm Pharmaceutical Quality Assurance	The Registrar Savitribai Phule Pune University Ganeshkhind Road Pune	M.Pharm(Pharmaceutical Quality Assurance) 15 The last approval for 2022-23 academic session is restored and vide notification dt. 22.10.2022 read with 3.11.2022 instructed the institutions to submit affidavit. In view of above, it was decided to verify the said affidavit during the inspection process of 2023-2024 academic session.	Approved	2023-2024	15

Date 04th May 2023

PCI  
Approval  
for A-7-2023-24

For  
(VC) Registrar-cum-Secretary  
PCI

Copy to

- Registrar of the University
- Principal of the college
- Secretary/Chairman of the Trust/Society
- Guard File (PCI)

Note: Validity of the course details may be verified at www.pci.nic.in

ASK/SSK

17-06-2023

P.D.E.A's S. U. College Of P. S. & R. C. Kharadi  
INWARD NO: 105

DATE: 17/6/23





## PHARMACY COUNCIL OF INDIA

(Constituted under the Pharmacy Act, 1948)

E-MAIL : registrar@pci.nic.in  
WEBSITE : www.pci.nic.in  
Telephone : 011-61299901  
011-61299902  
011-61299903

NBCC Centre, 3<sup>rd</sup> Floor,  
Plot No.2, Community Centre  
Maa Anandamai Marg  
Okhla Phase I  
NEW DELHI - 110 020

Ref.No.14-56/2022-PCI (Approval Process 2023-2024 a.s.)

1889-94  
16 MAR 2023

### All Pharmacy Institutions -

- approved u/s 12 of the Pharmacy Act.
- conduct of course.

Sub: Extension of approval for 2023-2024 academic session.

Ref: 391 EC (5.3.2023)

Sir/Madam

With reference to the subject cited above, I am directed to inform that subject cited issue was considered by 391st Executive Committee of the PCI in its meeting held on 5th March, 2023, EC decided that the larger interest of the students and to maintain the timeline for 2023-2024 academic session.

In view of above, it was decided as under -

- Regarding extension of approval for existing course
  - to extend approval for the year 2023-2024 academic session (one year) in respect of those institutions which are approved by PCI as per approved course and intake in 2022-2023.
  - the inspection will be conducted throughout the year and outcome of inspection will be treated as the decision for 2024-2025 academic session.
- Regarding introduction of new course and raise in admission in the existing institutions
  - to extend the approval of existing course as approved by PCI as per approved intake in 2022-2023.
  - Regarding introduction of new course and raise in admission, inspection will be conducted if statutory documents are complete. Wherever statutory documents are not complete, seven days time be given to institutions to submit the same failing which application for introduction of new course and raise in admission be rejected.

Yours faithfully

(ANIL MITTAL)

(I/C) Registrar cum-Secretary

DATE: 17/03/2023

A-SK/VSV

PCI  
Approved  
A.T. 2023-2024  
TMA

17.03.2023

....2

EC No. / Item No./ Institution Name /ID/ Course	Examining Authority / Hospital	Decisions of 371 EC (8.8.2022)
371EC/490  MH-308 / 2022-2023 Pharate Patil College Of Pharmacy Diploma At Post MandavganPharata Tal ShirurDist Pune / PCI - 1567  D.Pharm	<b><u>D.Pharm</u></b> The Secretary Maharashtra State Board of Technical Education Govt. Polytechnic Building, III Floor, 49, Kherwadi, Ali Yawar Jung Marg, Bandra (E), MUMBAI – 400 051	<b><u>D.Pharm</u></b>  Extend approval upto 2022-2023 academic session for D.Pharm course.  Reduce intake from 60 to 40 from 2022-2023 academic session for D.Pharm course as institution has failed to appoint a faculty as per statutory Provisions of-  <ul style="list-style-type: none"> <li>• Minimum Qualification for Teachers in Pharmacy Institution Regulations, 2014.</li> <li>• Education Regulations 1991/ 2020 for Diploma course in Pharmacy.</li> </ul>
371EC/491  MH-309 / 2022-2023 Poona District Education Association Seth Govind Raghunath Sable College Of Pharmacy Polytechnic Saswad Tal Purandar Distt Pune / PCI – 1583 D.Pharm	<b><u>D.Pharm</u></b> The Secretary Maharashtra State Board of Technical Education Govt. Polytechnic Building, III Floor, 49, Kherwadi, Ali Yawar Jung Marg, Bandra (E), MUMBAI – 400 051	<b><u>D.Pharm</u></b>  D.Pharm course is already approved upto 2022-2023 academic session for 60 admissions.
✓ 371EC/492  MH-310 / 2022-2023 Poona District Education Associations ShankarraoUrsal College Of Pharmaceutical Sciences And Research Center Near Zensar It Tower Kharadi Pune Maharashtra / PCI – 1585 D.Pharm	<b><u>B.Pharm&amp;M.Pharm</u></b> The Registrar Savitribai Phule Pune University Ganeshkhind Road Pune-411 007  KCR/SSK 16.09.2022 P.D.E.A's S. U. College Of P.S. & R.C. Kharadi INWARD NO: 378	<b><u>D.Pharm</u></b>  Grant approval for 2022-2023 academic session for the conduct of 1 <sup>st</sup> year for 60 admissions for D.Pharm course  PCR Approval for New D-Pharm. from A.T. 2022-2023 for B-Pharm & M-Pharm. upto 2023-2024

DATE: 16/9/22

## Pharmacy Council of India (PCI) Approval

Name of the College	Shankarrao Ursal College Of Pharmaceutical Sciences And Research Centre, Kharadi
Approval Period	Extension upto 2020-2021

Minutes of 02,290<sup>th</sup> Executive Committee (EC) meeting of the Council held on 18<sup>th</sup> April, 2018 at New Delhi. (8<sup>th</sup> online meeting). The decisions are subject to ratification by Central Council of the PCI.

IR No.		to	upto academic session	
290 EC Item No.77  Degree  IR No.4th (April, 2018)	KERALA 32-1068/2018-PCI Ahalia School of Pharmacy, Kozhippara (P.O.). Palakkad-678 557.	60	From 2014-2015 to 2019-2020 u/s 12	The Registrar Kerala University of Health Sciences P.O. Thrissur – 680596
✓ 290 EC Item No.78  Degree  IR No.5th (April, 2018)	MAHARASHTRA 32-757/2018-PCI Poona District Education Association's Shankarrao Ursal College of Pharmaceutical's And Research Center, Sr No. 15/2A/1/1 Near Zensar IT Tower, Kharadi, Pune-411014.	60	Extension upto 2020-2021	The Registrar, University of Pune Ganeshkhind, Pune-411 007.
290 EC Item No.79  Degree  IR No.1st (April, 2018)	MAHARASHTRA 32-1388/2017-PCI Lokmanya Tilak Institute of Pharmaceutical Sciences, Vidyapeeth Bhavan, Mukund Nagar, Gultekdi, Pune - 411 037.	60	For 2018-2019 for conduct of 1 <sup>st</sup> year	The Controller of Examination, Tilak Maharashtra Vidyapeeth Vidyapeeth Bhavan, Mukund Nagar, Gultekdi, Pune - 411 037.

Accessed on 03/05/2018 11.40 AM

P.D.E.A.'s S. U. College Of P. S. & R. C. Kharadi  
INWARD NO: 107

DATE: 4/5/18

VUB  
PCI  
Approval  
for B-pharm  
up to 2020-2021  
04/05/18





Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.

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**AICTE APPROVAL LETTERS**



**APPROVAL PROCESS 2022-23**

**Extension of Approval (EoA)**

F.No. Western/1-10974082466/2022/EOA

Date: 03-Jul-2022

To,

The Secretary,  
Tech. & Higher Education Deptt.  
Govt. of Maharashtra, Mantralaya,  
Annexe Building, Mumbai-400032

**Sub: Extension of Approval for the Academic Year 2022-23**

Ref: Application of the Institution for Extension of Approval for the Academic Year 2022-23

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2022 Notified on 4th February, 2022 and amended on 24th February 2022 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

<b>Permanent Id</b>	1-7300201	<b>Application Id</b>	1-10974082466
<b>Name of the Institution</b>	POONA DISTRICT EDUCATION ASSOCIATION'S SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE	<b>Name of the Society/Trust</b>	POONA DISTRICT EDUCATION ASSOCIATION
<b>Institution Address</b>	SR.NO.15/2/A/1/1, NEAR ZENSAR I.T.TOWER, KHARADI. TAL. HAVELI DIST. PUNE: - 411014., PUNE, PUNE, Maharashtra, 411014	<b>Society/Trust Address</b>	,PUNE,PUNE,Maharashtra,411038
<b>Institution Type</b>	Private-Self Financing	<b>Region</b>	Western
<b>Year of Establishment</b>	2008		

**To conduct following Courses with the Intake indicated below for the Academic Year 2022-23**

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
DIPLOMA	PHARMACY	PHARMACY	Maharashtra State Board of Technical Education, Mumbai	0	@	NA	NA
UNDER GRADUATE	PHARMACY	PHARMACY	University of Pune, Pune	60	@	NA	NA

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
POST GRADUATE	PHARMACY	QUALITY ASSURANCE TECHNIQUES	University of Pune, Pune	18	@	NA	NA
POST GRADUATE	PHARMACY	PHARMACEUTICS	University of Pune, Pune	18	@	NA	NA

## Approved New Course(s)

@ : The Intake and Course for the AY 2022 - 23 shall be as per PCI / CoA respectively.

**It is mandatory to comply with all the essential requirements as given in APH 2022-23 (Appendix 6)**

### **Important Instructions**

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC (NCL)/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2022-23 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE beginning with the Academic Year 2022-23
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as Approval Process Handbook and provisions made in AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

**Pharmacy Institute:** In compliance with the order dated 05.03.2020 passed by the Hon'ble Supreme Court of India in Transferred Petitions (CIVIL) No 87-101 of 2014, for the existing institutions offering courses in Pharmacy Programme, approval of Pharmacy Council of India (PCI) is mandatory and AICTE approval is NOT required. The requirements for running the Programme (Diploma / UG / PG) such as Land & Build-up Area, Student-faculty ratio, Intake etc. will be as per the respective regulatory body (PCI).

In case of any inconsistency in the course name and intake for EoA issued by AICTE and the approval by PCI, the approval of PCI shall prevail.

**Architecture Institute:** In compliance with the order dated 08.11.2019 passed by the Hon'ble Supreme Court of India CA No.364/ 2005, for the existing Institutions offering Courses in Architecture Programme, approval by the Council of Architecture (CoA) is mandatory and AICTE approval is NOT required. The requirements for running the Programme (Diploma / UG / PG) such as Land & Build-up Area, Student-faculty ratio, Intake etc. will be as per respective regulatory body (CoA). In case of any inconsistency in the course name and

intake for EoA issued by AICTE and the approval by CoA, the approval of CoA shall prevail.

**Deemed to be University:** Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.

**Prof.Rajive Kumar**  
**Member Secretary, AICTE**

Copy to:

1. **The Director Of Technical Education\*\* , Maharashtra**
2. **The Registrar\*\* ,**  
University Of Pune, Pune
3. **The Principal / Director ,**  
POONA DISTRICT EDUCATION ASSOCIATION'S SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES  
AND RESEARCH CENTRE  
Sr.No.15/2/A/1/1, Near Zensar I.T.Tower, Kharadi. Tal. Haveli  
Dist. Pune: - 411014.,  
Pune,Pune,  
Maharashtra,411014
4. **The Secretary / Chairman ,**  
  
PUNE,PUNE  
Maharashtra,411038
5. **The Regional Officer ,**  
All India Council for Technical Education  
Industrial Assurance Building  
2nd Floor, Nariman Road  
Mumbai - 400 020, Maharashtra
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

*This is a computer generated Statement. No signature Required*



  
**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.



## APPROVAL PROCESS 2021-22

### Extension of Approval (EoA)

F.No. Western/1-9318344823/2021/EOA

Date: 25-Jun-2021

To,

The Secretary,  
Tech. & Higher Education Deptt.  
Govt. of Maharashtra, Mantralaya,  
Annexe Building, Mumbai-400032

**Sub: Extension of Approval for the Academic Year 2021-22**

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2021 Notified on 4th February, 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

Permanent Id	1-7300201	Application Id	1-9318344823
Name of the Institution /University	POONA DISTRICT EDUCATION ASSOCIATION'S SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE	Name of the Society/Trust	POONA DISTRICT EDUCATION ASSOCIATION
Institution /University Address	SR.NO.15/2/A/1/1, NEAR ZENSAR I.T.TOWER, KHARADI. TAL. HAVELI DIST. PUNE: - 411014., PUNE, PUNE, Maharashtra, 411014	Society/Trust Address	,PUNE,PUNE,Maharashtra,411038
Institution /University Type	Private-Self Financing	Region	Western

**To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22**

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
PHARMACY	UNDER GRADUATE	PHARMACY	University of Pune, Pune	60	60	NA	NA
PHARMACY	POST GRADUATE	QUALITY ASSURANCE TECHNIQUES	University of Pune, Pune	18	18	NA	NA



PHARMACY	POST GRADUATE	PHARMACEUTICS	University of Pune, Pune	18	18	NA	NA
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**It is mandatory to comply with all the essential requirements as given in APH 2021-22 (Appendix 6)**

### **Important Instructions**

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE within the Academic Year 2021-22
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

**Prof.Rajive Kumar  
Member Secretary, AICTE**

Copy \*\* to:

1. **The Director of Technical Education\*\*, Maharashtra**
2. **The Registrar\*\*,  
University Of Pune, Pune**
3. **The Principal / Director,  
POONA DISTRICT EDUCATION ASSOCIATION'S SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES  
AND RESEARCH CENTRE  
Sr.No.15/2/A/1/1, Near Zensar I.T.Tower, Kharadi. Tal. Haveli  
Dist. Pune: - 411014.,  
Pune,Pune,  
Maharashtra,411014**
4. **The Secretary / Chairman,  
  
PUNE,PUNE  
Maharashtra,411038**

5. **The Regional Officer,**  
All India Council for Technical Education  
Industrial Assurance Building  
2nd Floor, Nariman Road  
Mumbai - 400 020, Maharashtra

6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/> .

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

*This is a computer generated Statement. No signature Required*



  
**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursai College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.



**APPROVAL PROCESS 2020-21**

**Extension of Approval (EoA)**

F.No. Western/1-7014421329/2020/EOA

Date: 30-Apr-2020

To,

The Secretary,  
Tech. & Higher Education Deptt.  
Govt. of Maharashtra, Mantralaya,  
Annexe Building, Mumbai-400032

**Sub: Extension of Approval for the Academic Year 2020-21**

Ref: Application of the Institution for Extension of Approval for the Academic Year 2020-21

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2020 notified by the Council vide notification number F.No. AB/AICTE/REG/2020 dated 4<sup>th</sup> February 2020 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-7300201	Application Id	1-7014421329
Name of the Institute	POONA DISTRICT EDUCATION ASSOCIATION'S SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE	Name of the Society/Trust	POONA DISTRICT EDUCATION ASSOCIATION
Institute Address	SR.NO.15/2/A/1/1, NEAR ZENSAR I.T.TOWER, KHARADI. TAL. HAVELI DIST. PUNE: - 411014., PUNE, PUNE, Maharashtra, 411014	Society/Trust Address	48/1A PAUD ROAD, ERANDWANA, PUNE- 38, PUNE, PUNE., 411038
Institute Type	Private-Self Financing	Region	Western

**To conduct following Courses with the Intake indicated below for the Academic Year 2020-21**

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2019-20	Intake Approved for 2020-21	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
PHARMACY	UNDER GRADUATE	PHARMACY	University of Pune, Pune	60	60	NA	No
PHARMACY	POST GRADUATE	QUALITY ASSURANCE TECHNIQUES	University of Pune, Pune	18	18	NA	No

PHARMACY	POST GRADUATE	PHARMACEUTICS	University of Pune, Pune	18	18	NA	No
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**It is mandatory to comply with all the essential requirements as given in APH 2020-21 (Appendix 6)**

### **Important Instructions**

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2020-21 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years beginning with the Academic Year 2020-21
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2020-21 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE.
3. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.
4. Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 373/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**Prof.Rajive Kumar**  
**Member Secretary, AICTE**

Copy to:

1. **The Director Of Technical Education\*\*, Maharashtra**
2. **The Registrar\*\*,  
University Of Pune, Pune**
3. **The Principal / Director,  
POONA DISTRICT EDUCATION ASSOCIATION'S SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES  
AND RESEARCH CENTRE  
Sr.No.15/2/A/1/1, Near Zensar I.T.Tower, Kharadi. Tal. Haveli  
Dist. Pune: - 411014.,  
Pune,Pune,  
Maharashtra,411014**
4. **The Secretary / Chairman,  
48/1A PAUD ROAD,ERANDWANA,PUNE-38  
PUNE,PUNE  
,411038**

5. **The Regional Officer,**  
All India Council for Technical Education  
Industrial Assurance Building  
2nd Floor, Nariman Road  
Mumbai - 400 020, Maharashtra

6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.



  
**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursai College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.

# All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



## APPROVAL PROCESS 2019-20

### Extension of Approval (EoA)

F.No. Western/1-4259422468/2019/EOA

Date: 10-Apr-2019

To,

The Secretary,  
Tech. & Higher Education Deptt.  
Govt. of Maharashtra, Mantralaya,  
Annexe Building, Mumbai-400032

#### Sub: Extension of Approval for the Academic Year 2019-20

Ref: Application of the Institution for Extension of approval for the Academic Year 2019-20

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2018 notified by the Council vide notification number F.No.AB/AICTE/REG/2018 dated 31/12/2018 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

<b>Permanent Id</b>	1-7300201	<b>Application Id</b>	1-4259422468
<b>Name of the Institute</b>	POONA DISTRICT EDUCATION ASSOCIATION'S SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE	<b>Name of the Society/Trust</b>	POONA DISTRICT EDUCATION ASSOCIATION
<b>Institute Address</b>	SR.NO.15/2/A/1/1, NEAR ZENSAR I.T.TOWER, KHARADI. TAL. HAVELI DIST. PUNE: - 411014., PUNE, PUNE, Maharashtra, 411014	<b>Society/Trust Address</b>	48/1A PAUD ROAD, ERANDWANA, PUNE-38, PUNE, PUNE, Maharashtra, 411038
<b>Institute Type</b>	Unaided - Private	<b>Region</b>	Western

<b>Opted for Change from Women to Co-Ed and vice versa</b>	No	<b>Change from Women to Co-Ed and vice versa Approved or Not</b>	NA
<b>Opted for Change of Name</b>	No	<b>Change of Name Approved or Not</b>	NA
<b>Opted for Change of Site/Location</b>	No	<b>Change of Site/Location Approved or Not</b>	NA
<b>Opted for Conversion from Degree to Diploma or vice versa</b>	No	<b>Conversion for Degree to Diploma or vice versa Approved or Not</b>	NA
<b>Opted for Organization Name Change</b>	No	<b>Change of Organization Name Approved or Not</b>	NA
<b>Opted for Merger of Institution</b>	No	<b>Merger of Institution Approved or Not</b>	NA
<b>Opted for Introduction of New Program/Level</b>	No	<b>Introduction of Program/Level Approved or Not</b>	NA

#### To conduct following Courses with the Intake indicated below for the Academic Year 2019-20

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2019-20	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
Pharmacy	1st	Under Graduate	Pharmacy	FT	University of Pune, Pune	60	NA	NA
Pharmacy	1st	Post	Quality Assurance	FT	University of Pune, Pune	18	NA	NA

		Graduate	Techniques					
Pharmacy	1st	Post Graduate	Pharmaceutics	FT	University of Pune, Pune	18	NA	NA

+FT –Full Time,PT-Part Time

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

It is mandatory to comply all the essential requirements as given in APH 2019-20(appendix 6)

**NOTE: If the State Government / UT / DTE / DME has a reservation policy for admission in Technical Education Institutes and the same is applicable to Private & Self-financing Technical Institutions, then the State Government / UT/ DTE / DME shall ensure that 10 % of Reservation for EWS would be operational from the Academic year 2019-20 without affecting the percentage reservations of SC/ST/OBC/General . However, this would not be applicable in the case of Minority Institutions referred to the clause (1) of Article 30 of Constitution of India.**

**Prof. A.P Mittal**  
Member Secretary, AICTE

Copy to:

- The Director Of Technical Education\*\*, Maharashtra**
- The Registrar\*\*,  
University Of Pune, Pune**
- The Principal / Director,**  
Poona District Education Association'S Shankarrao Ursal College Of Pharmaceutical Sciences And Research Centre  
Sr.No.15/2/A/1/1, Near Zensar I.T.Tower, Kharadi. Tal. Haveli  
Dist. Pune: - 411014.,  
Pune,Pune,  
Maharashtra,411014
- The Secretary / Chairman,**  
Poona District Education Association  
48/1A Paud Road,Erandwana,Pune-38.  
Pune,Pune,  
Maharashtra,411038
- The Regional Officer,**  
All India Council for Technical Education  
Industrial Assurance Building  
2nd Floor, Nariman Road  
Mumbai - 400 020, Maharashtra
- Guard File(AICTE)**



**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

# All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



## APPROVAL PROCESS 2018-19

### Extension of Approval (EOA)

F.No. Western/1-3508579332/2018/EOA

Date: 04-Apr-2018

To,

The Secretary,  
Tech. & Higher Education Deptt.  
Govt. of Maharashtra, Mantralaya,  
Annexe Building, Mumbai-400032

#### Sub: Extension of Approval for the Academic Year 2018-19

Ref: Application of the Institution for Extension of approval for the Academic Year 2018-19

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and amended on December 5, 2017 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

<b>Permanent Id</b>	1-7300201	<b>Application Id</b>	1-3508579332
<b>Name of the Institute</b>	POONA DISTRICT EDUCATION ASSOCIATION'S SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE	<b>Name of the Society/Trust</b>	POONA DISTRICT EDUCATION ASSOCIATION
<b>Institute Address</b>	SR.NO.15/2/A/1/1, NEAR ZENSAR I.T.TOWER, KHARADI. TAL. HAVELI DIST. PUNE: - 411014., PUNE, PUNE, Maharashtra, 411014	<b>Society/Trust Address</b>	48/1A PAUD ROAD, ERANDWANA, PUNE- 38, PUNE, PUNE, Maharashtra, 411038
<b>Institute Type</b>	Unaided - Private	<b>Region</b>	Western

<b>Opted for Change from Women to Co-Ed and vice versa</b>	No	<b>Change from Women to Co-Ed and vice versa Approved or Not</b>	NA
<b>Opted for Change of Name</b>	No	<b>Change of Name Approved or Not</b>	NA
<b>Opted for Change of Site</b>	No	<b>Change of Site Approved or Not</b>	NA
<b>Opted for Conversion from Degree to Diploma or vice versa</b>	No	<b>Conversion for Degree to Diploma or vice versa Approved or Not</b>	NA
<b>Opted for Organization Name Change</b>	No	<b>Change of Organization Name Approved or Not</b>	NA

#### To conduct following Courses with the Intake indicated below for the Academic Year 2018-19

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2018-19	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status	Foreign Collaboration /Twining Program Approval Status*
PHARMACY	1st	UNDER GRADUATE	PHARMACY	FT	University of Pune, Pune	60	NA	NA	NA
PHARMACY	1st	POST GRADUATE	QUALITY ASSURANCE TECHNIQUES	FT	University of Pune, Pune	18	NA	NA	NA
PHARMACY	1st	POST	PHARMACEUTICS	FT	University of Pune, Pune	18	NA	NA	NA



		GRADUATE							
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+FT –Full Time,PT-Part Time

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**Prof. A.P Mittal**  
**Member Secretary, AICTE**

Copy to:

1. The Regional Officer,  
All India Council for Technical Education  
Industrial Assurance Building  
2nd Floor, Nariman Road  
Mumbai - 400 020, Maharashtra
2. The Director Of Technical Education\*\*,  
Maharashtra
3. The Registrar\*\*,  
University of Pune, Pune
4. The Principal / Director,  
POONA DISTRICT EDUCATION ASSOCIATION'S SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND  
RESEARCH CENTRE  
SR.NO.15/2/A/1/1, NEAR ZENSAR I.T.TOWER, KHARADI. TAL. HAVELI  
DIST. PUNE: - 411014.,  
PUNE,PUNE,  
Maharashtra,411014
5. The Secretary / Chairman,  
POONA DISTRICT EDUCATION ASSOCIATION  
48/1A PAUD ROAD,ERANDWANA,PUNE-38,  
PUNE,PUNE,  
Maharashtra,411038
6. Guard File(AICTE)

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.



**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.



# अखिल भारतीय तकनीकी शिक्षा परिषद् ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

## LETTER OF APPROVAL

F. No. 08/01/MHA/PHARM/2008/89

Dated: 6<sup>th</sup> August, 2008

To,

THE SECRETARY,  
HIGHER & TECHNICAL EDUCATION  
AND EMPLOYMENT DEPARTMENT  
GOVT. OF MAHARASHTRA, MANTRALAYA,  
MUMBAI - 400 032 MAHARASHTRA,

Sub: AICTE approval to POONA DISTRICT EDUCATION ASSOCIATION, for establishment of new B. PHARMACY Institution in the name and style of SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTER, 15/2A/1/1, Kharadi, Tal-Haveli, Dist-Pune (MAHARASHTRA).

Sir,

As per the Regulations notified by the Council vide F. No. F.No. 37-3/Legal/2004 dated 14<sup>th</sup> Sept 2006 and norms, standards, procedures and conditions prescribed by the Council from time to time and based on the recommendations of the Expert Committee and EC Sub Committee, I am directed to convey the approval of the Council to POONA DISTRICT EDUCATION ASSOCIATION, for establishment of new B. PHARMACY Institution in the name and style of SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTER, 15/2A/1/1, Kharadi, Tal-Haveli, Dist-Pune (MAHARASHTRA) for conduct of the following courses and intake.

S. No.	Name of the Course	Intake
1.	B. PHARMACY	60

Note: - The Letter of Approval (LOA) shall be valid for two years from the date of issue of letter of approval for obtaining affiliation with concerned University and fulfilling State Government requirements of admission.

The SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTER, 15/2A/1/1, Kharadi, Tal-Haveli, Dist-Pune (MAHARASHTRA) shall obtain necessary affiliation/permission from the concerned affiliating University as per the prescribed schedule of the University/ Admission Authority etc. The Applicant Society/Trust/Institution shall send information about commencement of the above courses to AICTE. In case the Institution could not commence the above mentioned courses for whatsoever reasons during the two years period from the date of issue of this letter, the approval becomes invalid and the applicant society/trust shall have to make fresh application to AICTE for grant of fresh approval.

The approval is further subject to fulfillment of following conditions.

1. That the management shall provide adequate funds for development of land and building and for providing related infrastructural, instructional and other facilities as per Council's norms and standards laid down by the Council from time to time and for meeting recurring expenditure.
2. (a) That the admissions shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.  
(b) That the admissions shall be made in accordance with the regulations notified by the Council from time to time.  
(c) That the admissions to the courses shall be made only after the affiliating University /State Board has given permission to start the course.  
(d) That the Institution shall not allow closure of the Institution or discontinuation of the course(s) or start any new course (s) or alter intake capacity of seats without the prior approval of the Council.

7वाँ तल, चन्द्रलोक भवन, जनपथ नई दिल्ली-110002

7th Floor, Chander Lok Building, Janpath, New Delhi-110002

Phone: 011-23724151-57 Fax: 011-23724152

INWARD NO: 160



- (e) That no excess admissions shall be made by the Institution over and above the approved intake under any circumstances.
- (f) That the institutions shall not have any collaborative arrangements with any Indian and/or Foreign Universities for conduct of technical courses other than those approved by AICTE without obtaining prior approval from AICTE.
- (g) That the Institution shall not allow conduct of any unapproved course whether technical or non technical in the premises of AICTE approved institution/campus and /or in the name of the Institution without prior permission from AICTE.
- 3. That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.
- 4. That the tuition and other fees shall be charged within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students/guardians of students in any form.
- 5. That the accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or person authorized by it.
- 6. That the Director/Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are paid as per the norms prescribed by the Council for time to time.
- 7. (a) That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.  
(b) That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/programmes being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be housed in the Institution Web-Site. The information shall be revised every year with updated information about all aspects of the institution.  
(c) That it shall be mandatory for the technical institution to maintain a web-site providing the prescribed information. The website information must be continuously updated as and when changes take place.  
(d) That a compliance report in the prescribed format along with mandatory disclosure on fulfillment of the above conditions, shall be submitted each year by the Institution within the time limit prescribed by the Council from time to time.  
(e) That if Technical Institution fails to disclose the information or suppress and/or misrepresent the information, appropriate action could be initiated including withdrawal of AICTE approval.
- 8. That all the laboratories, workshops etc. shall be equipped as per the syllabi of the concerned affiliating University and shall be in operational condition before making admissions.
- 9. That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.
- 10. That a computer center with adequate number of terminals, Printers, legal software etc. shall be established as per AICTE norms.

11. That a Refundable Performance Guarantee Fee (RPGF) shall be deposited with AICTE, New Delhi for an amount and period prescribed by the Council from time to time.
12. AICTE may carry out random inspections round the year any time for verifying the status of the Institutions to ensure maintenance of norms and standards.
13. That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.
14. That the Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.
15. That the Management shall strictly follow further conditions as may be specified by the Council from time to time.
16. That the institution shall take appropriate measures for prevention of ragging in any form, in the light of directions of Supreme Court of India in Writ Petition No. (C) 656/1998. In case of failure to prevent the instances of ragging by the institutions, the Council shall take appropriate action including withdrawal of approval.
17. That in the event of a student / candidate withdrawing before the starting of the course, the wait listed candidates should be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000/- (Rupees One thousand only) shall be refunded and returned by the Institution / University to the student/candidate withdrawing from the programme. It would not be permissible for Institutions and Universities to retain the School/Institution Leaving Certificates as original to force retention of admitted students (See Public Notice AICTE/DPG/03(01)/2008)
18. In the event of non-compliance by of SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTER, 15/2A/1/1, Kharadi, Tal-Haveli, Dist-Pune (MAHARASHTRA) with regard to guidelines, norms and conditions prescribed from time to time the Council shall be free to take measures for withdrawal of its approval or recognition, without consideration of any related issues and that all liabilities arising out of such withdrawal would solely be that of the concerned SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTER, 15/2A/1/1, Kharadi, Tal-Haveli, Dist-Pune (MAHARASHTRA).

Yours faithfully,



(Prof. Harish. C. Rai)

Adviser- UG/PG (E&T - M&T)

Copy to:

1. The Director of Technical Edu.,  
Govt. of Maharashtra, 3, Mahapalika Marg,  
Mumbai - 400 001 (MAHARASHTRA)  
  
(He is requested to kindly monitor the compliance with the conditions as laid down in this approval letter and keep the AICTE informed of the same.)
2. The Regional Officer,  
Western Regional office,  
AICTE, Industrial Assurance building  
2<sup>nd</sup> Floor, Veer Nariman Road, Opp. Churchgate Rly. Station  
Mumbai - 400 020.
3. The President / Chairman  
POONA DISTRICT EDUCATION ASSOCIATION,  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL  
SCIENCES AND RESEARCH CENTER,  
15/2A/1/1, Kharadi, Tal-Haveli, Dist-Pune  
(MAHARASHTRA)

(The Institute is required to submit compliance report as per AICTE norms on or before 31<sup>st</sup> August, 2008).

4. The Registrar, Concerned Affiliating University.
5. Guard File, AICTE, Hqrs. (E&T - M&T).



Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.

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**APPROVAL LETTERS OF GOVT. OF  
MAHARASHTRA & D.T.E**



(2)

अखिल भारतीय तंत्रशिक्षण परिषदेच्या  
मान्यतेनुसार राज्यातील खाजगी संस्थांना  
नविन औषधनिर्माणशास्त्र पदवी  
अभ्यासक्रम महाविद्यालय सुरु करण्यास  
शासनाची मान्यता देण्याबाबत

महाराष्ट्र शासन  
उच्च व तंत्रशिक्षण विभाग,

शासन निर्णय :- क्र.टिईएम-२००८/(४५६/०८)/तांशि-१,

मंत्रालय, विस्तार भवन, मुंबई ४०० ०३२

दिनांक :- २० ऑक्टोबर, २००८ .

संदर्भ:- अखिल भारतीय तंत्र शिक्षण परिषद , नवी दिल्ली यांचे दिनांक ६ ऑगस्ट, २००८ चे क्र.

१)०८/०१/MHA/PHARM/२००८/८९

शासन निर्णय:- अखिल भारतीय तंत्रशिक्षण परिषदेने त्यांच्या संदर्भाधीन पत्रान्वये खाली नमूद संस्थेस  
नविन औषधनिर्माणशास्त्र ( पदवी अभ्यासक्रम ) महाविद्यालय ६० प्रवेशक्षमतेत सुरु करण्यास  
खालीलप्रमाणे मान्यता दिलेली आहे. त्यास अनुसरून याबाबत शासन निर्णय निर्गमित करण्याची बाब  
शासनाच्या विचाराधीन होती.

अ.क्र.	संस्थेचे नांव	अभ्यासक्रम	प्रवेशक्षमता
१	पूना डिस्ट्रिक्ट एज्युकेशन असोसिएशनचे शंकरराव उरसळ कॉलेज ऑफ फार्मास्यूटीकल सायन्सेस अँड रिसर्च सेंटर , १५/२३/१, खराडी, त हवेली जि. पुणे	बी फार्मसी	६०

आता या शासन निर्णयाद्वारे उपरोक्त संस्थांना खालील अटी व शर्तीवर शैक्षणिक वर्ष २००९-२०१०  
पासून नविन औषधनिर्माणशास्त्र पदवी अभ्यासक्रम महाविद्यालय ६० प्रवेशक्षमतेत सुरु करण्यास  
शासनाची मान्यता देण्यात येत आहे.

- १) प्रस्तुत बाबतीत अखिल भारतीय तंत्रशिक्षण परिषदेने विहित केलेल्या तसेच दिनांक २१ मे, १९८३  
च्या शासन निर्णयान्वये विहित केलेल्या अटीची पूर्तता करणे संबंधित संस्थेस बंधन कारक राहिल.
- २) शासनाने विहित केलेल्या तसेच 'अखिल भारतीय तंत्रशिक्षण परिषदेने विहित केलेल्या सर्व अटी व  
शर्ती मान्य असल्याबाबत संस्थेस करारनामा करावा लागेल. तसेच संबंधित कागदपत्रांची आणि  
औपचारिक बाबींची पूर्तता संचालक ( तंत्रशिक्षण ) यांच्या संमतीने समाधानकारकरित्या करण्यात  
येईल.
- ३) सदर अभ्यासक्रमाच्या संलग्नीकरणांसाठी संबंधित संस्थेने महाराष्ट्र विद्यापिठ अधिनियम १९९४  
मधील तरतुदीनुसार संबंधित विद्यापिठांची मान्यता/संलग्नीकरण घेणे आवश्यक आहे.
- ४) संबंधित संस्थेने संचालक ( तंत्रशिक्षण ) यांचेकडे आवश्यक ती संचीत ठेव संयुक्त खात्यात भरून  
इतर कायदेशीर बाबींची पूर्तता करावी.
- ५) सदर पदवी अभ्यासक्रमांचे प्रवेश शासनाने मान्य केलेल्या संबंधित अभ्यासक्रमाच्या प्रवेश  
नियमानुसार /पध्दतीनुसार करण्यात येतील.

P.D.E.A's S.U. College Of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-14.

Page 2 of 2  
Date: 26/11/08

B/AVN  
Im.P.  
ep record  
Pharm file  
26/11/08

- ६। याशिवाय संचालक ( तंत्रशिक्षण) महाराष्ट्र राज्य मुंबई व संबंधित विद्यापिठ यांनी घालून दिलेल्या अन्य अटी व शर्ती लागू राहतील.
- ७) संस्थेने त्याच्या संस्थेतील विद्यार्थ्यांचे अंतिम वर्ष पूर्ण होण्यापूर्वी फार्मसी ॲक्ट १९४८ च्या कलम १२ मधील तरतूदीनुसार फार्मसी कौन्सिल ऑफ इंडिया, नवी दिल्ली यांची विहित मान्यता प्राप्त करून घेणे बंधनकारक राहिल.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने

१६/०५/१८

( म. सं. वानखेडे )  
अवर सचिव , महाराष्ट्र शासन

प्रति,

संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई  
सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय, पुणे  
कुलसचिव, पुणे विद्यापिठ पुणे  
संबंधित संस्था (संचालकां मार्फत )

प्रत माहितीसाठी

अतिरिक्त सचिव ( तांत्रिक ), भारत सरकार, अखिल भारतीय तंत्रशिक्षण परिषद, ७ वा माळा, चंद्रलोक भवन,  
जनपथ, नवी दिल्ली-११०००१

सहाय्यक शिक्षण सल्लागार (तांत्रिक), भारत सरकार, मनुष्यबळ विकास मंत्रालय (शिक्षण विभाग), पश्चिम  
विभागीय कार्यालय, इंडस्ट्रियल इन्शुरन्स बिल्डींग, दुसरा मजला, चर्चगेट, मुंबई  
निवड नस्ती.



PRINCIPAL  
Pune District Education Association's  
Shrikrishna Ursal College of Pharmaceutical  
Sciences & Research Centre  
Kharadi, Pune-411014





# तंत्र शिक्षण संचालनालय, महाराष्ट्र राज्य,

३ महापालिका मार्ग, पत्र पेटी क्रमांक १९६०, मुंबई ४०० ००१.

दूरध्वनी - २२६२०६०१, २२६२०६०२, २२६४११५०/५१ फॅक्स - २२६२२१०२.

ता - EDUTECH

E-mail : Desk2@dte.org.in Internet : http://www.dte.org.in

क्रमांक : २/एतजीसी/न्यु.फार्म/मान्यता/२००९/ २२८  
दिनांक : २७ मे २००९

प्रति,

प्राचार्य,

पूना डिस्ट्रिक्ट एज्युकेशन असोसिएशनचे

बंकराव सरस्व कॉलेज ऑफ

फार्मास्यूटिकल सायन्सेस अँड

मेडिकल सँटर, १५/२ अ/१/१ खरानी,

ता. इंदोली, जि. पुणे.

विषय : शैक्षणिक वर्ष २००९-२०१० पासून विना-अनुदान तत्वावर नवीन

औषधनिर्माणशास्त्र पदवी अभ्यासक्रमाची संस्था सुरु करण्यास

परवानगा देण्याबाबत

संदर्भ : शासन निर्णय, उच्च व तंत्रशिक्षण विभाग क्रमांक-टीईएम-२००८

(४५६/०८)/तांशि-०, दिनांक २० ऑक्टोबर, २००८.

उपरोक्त विषया संदर्भात आपणास कळविण्यात येते की, अखिल भारतीय तंत्रशिक्षण परिषदेने दिलेल्या मान्यतेस अनुसरून शासनाने वरील संदर्भाधीन शासन निर्णयान्वये आपल्या संस्थेला शैक्षणिक वर्ष २००९-२०१० पासून विना अनुदान तत्वावर औषधनिर्माणशास्त्र पदवी अभ्यासक्रमाची संस्था खाली दर्शविलेल्या प्रवेशक्षमतेसह सुरु करण्यास विहित अटीच्या अधिन राहून परवानगी दिलेली आहे.

अ.क्र.	अभ्यासक्रम	प्रवेशक्षमता
१	औषधनिर्माणशास्त्र पदवी	६०

सदर अटीपैकी आपण शासन निर्णयात नमूद केलेल्या अटीचे पालन करण्याचे नोंदणीकृत हमीपत्र रु.१००/- च्या स्टॅम्पपेपरवर या संचालनालयास सादर केलेले आहे.

विहित केलेल्या अटीपैकी उरलेल्या खालील अटी व शर्तीच्या अधिन राहून शैक्षणिक वर्ष २००९-२०१० पासून विना अनुदान तत्वावर पदवी अभ्यासक्रम सुरु करण्यास व विद्यार्थ्यास प्रवेश देण्यास या संचालनालयाकडून अंतिम परवानगी देण्यात येत आहे.

१. सदर मंजूरी कायम विना-अनुदान तत्वावर राहील. सदर अभ्यासक्रमासाठी शासनाकडून आवर्ती व अनावर्ती अनुदान कोणत्याही परिस्थितीत व कोणत्याही कारणास्तव मंजूर केले जाणार नाही.

२. शासन निर्णय, शिक्षण व सेवायोजन विभाग क्रमांक-टीईएम-३३८२/११९८३६/(१९०)/तांशि-१ अ, दिनांक २१ मे, १९८३ अन्वये विना-अनुदान तंत्रशिक्षण संस्थांना शासनाने विहित केलेल्या अटी व शर्ती आपणास बंधनकारक असतील.

३. संस्थेने अभ्यासक्रम चालविण्यास पूर्णवेळ शिक्षकवृंद कर्मचारी नेमावेत व शासन व अखिल भारतीय तंत्रशिक्षण परिषद यांच्या नियमाप्रमाणे वेतन व भत्ते कर्मचा-यांना देण्यात यावे. शिक्षक व शिक्षकेतर कर्मचा-यांच्या वेतन व भत्ते इत्यादीबाबत तसेच विद्यार्थ्यांकडून या संचालनालयाकडे तक्रारी आल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास संस्थेवर कडक कारवाई करण्यात येईल व होणा-या परिणामास सर्वस्वी संस्था जबाबदार राहील.

४. संस्थेने औषधनिर्माणशास्त्र या पदवी अभ्यासक्रमासाठी नियतठेव म्हणून रु.८.०० लाख बँक ऑफ महाराष्ट्र शाखा खरानी पुणे येथे पावती क्र.४१२५२५, दि.४.०४.२००९ अन्वये संस्थेचे अध्यक्ष व संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई यांच्या संयुक्त खात्यात ५ वर्षासाठी जमा केलेले आहेत. तसेच द्वितीय वर्षासाठी पुढील शैक्षणिक वर्ष सुरु होण्यापूर्वी रु.७.०० लाख संयुक्त खात्यात जमा करणे आवश्यक आहे याची नोंद घ्यावी.

P.D.E.A's S.U. College Of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-14.

INWARD NO: 103

Date : 08/05/2009

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तंत्र शिक्षण संचालनालय,

महाराष्ट्र राज्य, मुंबई

संस्था : .....

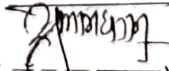
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५. आपल्या संस्थेत महाराष्ट्र शासन, तंत्रशिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई शिक्षण शुल्क समिती, मुंबई, प्रवेश नियंत्रण समिती, मुंबई व अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली यांचेकडून वेळोवेळी विहीत करण्यात आलेले प्रवेश नियम, आरक्षण, शिक्षणशुल्क व इतर शुल्क या संबंधीच्या निर्णयाचे पालन करणे बंधनकारक राहिल.
६. सदर अभ्यासक्रमाची फी निर्धारित करण्यासाठी शिक्षण शुल्क समिती वांद्रा यांच्याकडे प्रस्ताव सादर करण्यात यावा. सदर अभ्यासक्रमाचे शुल्क शिक्षणशुल्क समितीने मंजूर केल्याप्रमाणे आकारण्यात यावे. निर्धारित केलेल्या शिक्षण शुल्कापेक्षा जास्त फी आकारू नये. विद्यार्थ्यांकडून शिक्षण शुल्क समितीने निश्चित केलेल्या दरापेक्षा जास्त शुल्क आकारल्यास व याबाबत विद्यार्थी किंवा त्यांच्या पालकांकडून तक्रार प्राप्त झाल्यास किंवा न्यायालयीन प्रकरण उद्भवल्यास होण-या सर्व परिणामास संस्था जबाबदार राहिल.
७. संस्थेतील यथालयास आवश्यक ती पुस्तके, नियतकालिके इत्यादी अखिल भारतीय तंत्रशिक्षण परिषद व कुलसचिव, पुणे विद्यापीठ, पुणे यांच्या नानकानुसार खरेदी करणे आवश्यक आहे. तसेच विद्यार्थ्यांना वाचनालयाचा पुरेपूर उपयोग होण्याचे दृष्टीने ग्रंथालयात विद्यार्थ्यांना अभ्यासकेची सोय करणे आवश्यक आहे.
८. संचालक, तंत्रशिक्षण महाराष्ट्र राज्य, मुंबई किंवा त्यांचे प्रतिनिधी यांना अखिल भारतीय तंत्रशिक्षण परिषद, शासनाच्या नानकाप्रमाणे जागा, इनामा, शिक्षक व शिक्षकेतर कर्मचारी व इतर सोयीसुविधा उपराब्ध आहेत किंवा नसे याबाबत संस्थेत केव्हाही अमान्य भेट देऊन तपासणी करण्याचे अधिकार राहतील.
९. तंत्रशिक्षण संचालनालय महाराष्ट्र शासन किंवा पुणे विद्यापीठ, पुणे यांच्याकडून प्राधिकृत करण्यात आलेले अधिकारी यांस त्यांचे संस्थेचे निरीक्षण करून त्या निरीक्षणांती संस्थेत आढळून येणा-या उणीवाबद्दल रचित करण्याचे अधिकार राहतील.
१०. सदर संस्था संचालक, तंत्रशिक्षण यांच्या नियंत्रणाखाली राहिल व संबंधित अभ्यासक्रमांच्या परीक्षा कुलसचिव, पुणे विद्यापीठ, पुणे यांच्याकडून घेतल्या जातील.
११. संस्थेत कुलसचिव पुणे विद्यापीठ, पुणे यांची सदर अभ्यासक्रमासाठी संलग्नता घ्यावी लागेल.
१२. सदर अभ्यासक्रमाचे प्रवेश शैक्षणिक वर्ष २००९-१० साठी प्रवेश नियमात विहीत केलेल्या तरतुदीनुसार कर्द्रिभूत प्रवेश पत्रिकेद्वारे करण्यात येतील.
१३. विद्यार्थ्यांना प्रवेश देतांना त्यांच्याकडून रकमेच्या स्वरूपात कॅपिटेशन फी किंवा इतर कोणत्याही स्वरूपात देणगी स्विकारता येणार नाही, तसेच प्रवेश गुणवत्तेनुसार करणे बंधनकारक आहे.
१४. शासनाने, या संचालनालयाने कुलसचिव, पुणे विद्यापीठ, पुणे फार्मसी कॉन्सिल ऑफ इंडिया व अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली यांनी वेळोवेळी ठरवून दिलेल्या अटी व शर्तीचे संस्था उत्तलंघन करीत असल्यास सदरची संस्था बंद करण्याचे अधिकार अखिल भारतीय तंत्रशिक्षण परिषदेच्या शिफारशीनुसार शासनास राहतील.
१५. संचालनालयाच्या माहिती तंत्रज्ञान कक्षाकडून दिलेल्या संकेत क्रमांक व पासवर्डद्वारे शिक्षण शुल्क समितीने निश्चित केलेल्या शुल्कासंबंधीत व संस्थेची इतर सर्व बाबीसंबंधीची माहिती संस्था वेळोवेळी अद्ययावत करतील.

उपरोक्त सर्व अटी व शर्ती आपणास बंधनकारक राहतील.

  
( ड.स.का.महाजन )

प्र. संचालक, तंत्रशिक्षण संचालनालय, म.रा., मुंबई.

प्रत :-

१. मा.प्रधान, महाराष्ट्र शासन, उच्च व तंत्रशिक्षण विभाग, मंत्रालय विस्तार भवन, मुंबई यांना संदर्भाधीन शासन निर्णयाच्या संदर्भात माहितीसाठी सादर.
२. मा.कुलसचिव, पुणे विद्यापीठ, पुणे यांना माहिती व योग्य माटी.
३. सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय, पुणे यांना सादर.
४. कार्यासन क्र.२-अ, मुख्य कार्यालय, मुंबई.
५. कार्यासन क्र.३, (आय.टी.सेल) यांना माहिती व योग्य कार्यवाहीसाठी. ६. निवड नस्ती.



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**COURSE STRUCTURES –S.P.P.U. UNIVERSITY**



Pune District Education Association's

Shankarrao Ursal College of Pharmaceutical Sciences and Research Centre

Kharadi, Pune- 411014.



### SUMMARY OF B. PHARM COURSE STRUCTURE

Academic Year	Class	Course Structure(Pattern)
2022-2023	First Year B.Pharm	2019
	Second Year B.Pharm	2019
	Third Year B.Pharm	2019
	Final Year B.Pharm	2019
2021-2022	First Year B.Pharm	2019
	Second Year B.Pharm	2019
	Third Year B.Pharm	2019
	Final Year B.Pharm	2018
2020-2021	First Year B.Pharm	2019
	Second Year B.Pharm	2019
	Third Year B.Pharm	2018
	Final Year B.Pharm	2015
2019-2020	First Year B.Pharm	2019
	Second Year B.Pharm	2018
	Third Year B.Pharm	2015
	Final Year B.Pharm	2015
2018-2019	First Year B.Pharm	2018
	Second Year B.Pharm	2015
	Third Year B.Pharm	2015
	Final Year B.Pharm	2015

### SUMMARY OF M. PHARM COURSE STRUCTURE

Academic Year	Class	Course Structure (Pattern)
2022-2023	First Year M.Pharm	2019
	Second Year M.Pharm	2019
2021-2022	First Year M.Pharm	2019
	Second Year M.Pharm	2019
2020-2021	First Year M.Pharm	2019
	Second Year M.Pharm	2019
2019-2020	First Year M.Pharm	2019
	Second Year M.Pharm	2018
2018-2019	First Year M.Pharm	2018
	Second Year M.Pharm	2013

### SUMMARY OF Ph. D COURSE WORK FOR PHARMACEUTICAL SCIENCES

Academic Year	Class	Course Structure (Pattern)
2022-2023	Ph.D in pharmacy	2019
2021-2022		2019
2020-2021		2019
2019-2020		2019



**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.

## **B. PHARMACY 2019 PATTERN**

**SAVITRIBAI PHULE PUNE UNIVERSITY**

**FACULTY OF SCIENCE AND TECHNOLOGY**



**RULES & SYLLABUS**

**FIRST YEAR BACHELOR OF PHARMACY (B. Pharm.) COURSE –  
2019 pattern (EFFECTIVE FROM ACADEMIC YEAR 2019-2020)**



## CHAPTER- I: REGULATIONS

1. **Short Title and Commencement** These regulations shall be called as “The Revised Regulations for the B. Pharm. Degree Program (CBCS) of the Pharmacy Council of India, New Delhi”. They shall come into effect from the Academic Year 2016-17. The regulations framed are subject to modifications from time to time by Pharmacy Council of India.
2. **Minimum qualification for admission**
  - 2.1 **First year B. Pharm:** Candidate shall have passed 10+2 examination conducted by the respective state/central government authorities recognized as equivalent to 10+2 examination by the Association of Indian Universities (AIU) with English as one of the subjects and Physics, Chemistry, Mathematics (P.C.M) and or Biology (P.C.B / P.C.M.B.) as optional subjects individually. 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):** A pass 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 program** 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 program shall be prescribed from time to time by Pharmacy Council of India, New Delhi.
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.
6. **Attendance and progress** A candidate is required to put in at least 80% attendance in individual courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations.
7. **Program/Course credit structure** As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, tutorial hours, 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 Laboratory courses** C are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and /or tutorial (T) hours, and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and tutorial hours, and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having three lectures and one tutorial per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.

**7.2. Minimum credit requirements** The minimum credit points required for award of a B. Pharm. degree is 208. These credits are divided into Theory courses, Tutorials, Practical, Practice School and Project over the duration of eight semesters. The credits are distributed semester-wise as shown in Table IX. Courses generally progress in sequences, building competencies and their positioning indicates certain academic 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 get 52 credit points transferred from their D. Pharm program. Such students shall take up additional remedial courses of ‘Communication Skills’ (Theory and Practical) and ‘Computer Applications in Pharmacy’ (Theory and Practical) equivalent to 3 and 4 credit points respectively, a total of 7 credit points to attain 59 credit points, the maximum of I and II semesters.

**8. Academic work** A regular record of attendance both in Theory and Practical 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 Table – I to VIII. The number of hours to be devoted to each theory, tutorial and practical course in any semester shall not be less than that shown in Table – I to VIII.

**Table-I: Course of study for semester I**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of Hours per week/Total no of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP101T	Human Anatomy and Physiology I– Theory	3/45	1	4
BP102T	Pharmaceutical Analysis I – Theory	3/45	1	4
BP103T	Pharmaceutics I – Theory	3/45	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3/45	1	4
BP105T	Communication skills – Theory *	2/30	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2/30	-	D
BP107P	Human Anatomy and Physiology – Practical	4/60	-	2
BP108P	Pharmaceutical Analysis I – Practical	4/60	-	2
BP109P	Pharmaceutics I – Practical	4/60	-	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4/60	-	2
BP111P	Communication skills – Practical*	2/30	-	1
BP112RBP	Remedial Biology – Practical*	2/30	-	D
<b>Total</b>		<b>32/34<sup>\$</sup>/36<sup>#</sup>/480/510<sup>\$</sup>/540<sup>#</sup></b>	<b>4</b>	<b>27</b>

#Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB) course. However for Remedial biology and Mathematics no credits to be allotted only 50 % passing i.e D grade will be prerequisite.

\$Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM) course.

\* Non University Examination (NUE)

**Table-II: Course of study for semester II**

<b>Course Code</b>	<b>Name of the course</b>	<b>No. of Hours per week/Total no of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP201T	Human Anatomy and Physiology II – Theory	3/45	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3/45	1	4
BP203T	Biochemistry – Theory	3/45	1	4
BP204T	Pathophysiology – Theory	3/45	1	4
BP205T	Computer Applications in Pharmacy – Theory *	3/45	-	3
BP206T	Environmental sciences – Theory *	3/45	-	3
BP207P	Human Anatomy and Physiology II – Practical	4/60	-	2
BP208P	Pharmaceutical Organic Chemistry I – Practical	4/60	-	2
BP209P	Biochemistry – Practical	4/60	-	2
BP210P	Computer Applications in Pharmacy – Practical*	4/60	-	1
<b>Total</b>		<b>32/480</b>	<b>4</b>	<b>29</b>

\*Non University Examination (NUE)

**Table-III: Course of study for semester III**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of Hours per week/Total no of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP301T	Pharmaceutical Organic Chemistry II – Theory	3/45	1	4
BP302T	Physical Pharmaceutics I – Theory	3/45	1	4
BP303T	Pharmaceutical Microbiology – Theory	3/45	1	4
BP304T	Pharmaceutical Engineering – Theory	3/45	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4/60	-	2
BP306P	Physical Pharmaceutics I – Practical	4/60	-	2
BP307P	Pharmaceutical Microbiology – Practical	4/60	-	2
BP 308P	Pharmaceutical Engineering –Practical	4/60	-	2
<b>Total</b>		<b>28/420</b>	<b>4</b>	<b>24</b>

**Table-IV: Course of study for semester IV**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of Hours per week/Total no of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP401T	Pharmaceutical Organic Chemistry III– Theory	3/45	1	4
BP402T	Medicinal Chemistry I – Theory	3/45	1	4
BP403T	Physical Pharmaceutics II – Theory	3/45	1	4
BP404T	Pharmacology I – Theory	3/45	1	4
BP405T	Pharmacognosy and Phytochemistry I– Theory	3/45	1	4
BP406P	Medicinal Chemistry I – Practical	4/60	-	2
BP407P	Physical Pharmaceutics II – Practical	4/60		2
BP408P	Pharmacology I – Practical	4/60	-	2
BP409P	Pharmacognosy and Phytochemistry I – Practical	4/60	-	2
<b>Total</b>		<b>31/465</b>	<b>5</b>	<b>28</b>

**Table-V: Course of study for semester V**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of Hours per week/Total no of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP501T	Medicinal Chemistry II – Theory	3/45	1	4
BP502T	Formulative Pharmacy– Theory	3/45	1	4
BP503T	Pharmacology II – Theory	3/45	1	4
BP504T	Pharmacognosy and Phytochemistry II– Theory	3/45	1	4
BP505T	Pharmaceutical Jurisprudence – Theory	3/45	1	4
BP506P	Formulative Pharmacy – Practical	4/60	-	2
BP507P	Pharmacology II – Practical	4/60	-	2
BP508P	Pharmacognosy and Phytochemistry II – Practical	4/60	-	2
<b>Total</b>		<b>27/405</b>	<b>5</b>	<b>26</b>



**Table-VI: Course of study for semester VI**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of Hours per week/Total no of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP601T	Medicinal Chemistry III – Theory	3/45	1	4
BP602T	Pharmacology III – Theory	3/45	1	4
BP603T	Herbal Drug Technology – T	3/45	1	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3/45	1	4
BP605T	Pharmaceutical Biotechnology – Theory	3/45	1	4
BP606T	Quality Assurance – Theory	3/45	1	4
BP607P	Medicinal chemistry III – Practical	4/60	-	2
BP608P	Pharmacology III – Practical	4/60	-	2
BP609P	Herbal Drug Technology – Practical	4/60	-	2
<b>Total</b>		<b>30/450</b>	<b>6</b>	<b>30</b>

**Table-VII: Course of study for semester VII**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of Hours per week/Total no of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP701T	Instrumental Methods of Analysis – Theory	3/45	1	4
BP702T	Industrial Pharmacy – Theory	3/45	1	4
BP703T	Pharmacy Practice – Theory	3/45	1	4
BP704T	Novel Drug Delivery System – Theory	3/45	1	4
BP705P	Instrumental Methods of Analysis – Practical	4/60	-	2
BP706PS	Practice School*	12/180	-	6
<b>Total</b>		<b>28/420</b>	<b>5</b>	<b>24</b>

\* Non University Examination (NUE)

**Table-VIII: Course of study for semester VIII**

Course code	Name of the course	No. of Hours per week/Total no of hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3/45	1	4
BP802T	Social and Preventive Pharmacy	3/45	1	4
BP803ET	Pharmaceutical Marketing	3 + 3 = 6/90	1 + 1 = 2	4 + 4 = 8
BP804ET	Pharmaceutical Regulatory Science			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardizations of Herbals			
BP807ET	Computer Aided Drug Design			
BP808ET	Cell and Molecular Biology			
BP809ET	Cosmetic Science			
BP810ET	Experimental Pharmacology			
BP811ET	Advanced Instrumentation Techniques			
BP812PW	Project Work	12/180	-	6
<b>Total</b>		<b>24/360</b>	<b>4</b>	<b>22</b>

**Table-IX: Semester wise credits distribution**

Semester	Credit Points
I	27
II	29
III	26
IV	28
V	26
VI	26
VII	24
VIII	22
Extracurricular/ Co curricular activities	01*
<b>Total credit points for the program</b>	<b>209</b>

\* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

\$Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course.

#Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course.

## **1. Program Committee**

1. The B. Pharm. program shall have a Program Committee constituted by the Head of the institution in consultation with all the Heads of the departments.
2. The composition of the Program Committee shall be as follows:

A senior teacher shall be the Chairperson; One Teacher from each department handling B.Pharm courses; and four student representatives of the program (one from each academic year), nominated by the Head of the institution.

3. Duties of the Program Committee:
  - i. Periodically reviewing the progress of the classes.
  - ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
  - iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.
  - iv. Communicating its recommendation to the Head of the institution on academic matters.
  - v. The Program Committee shall meet at least thrice in a semester preferably at the end of each Sessionalexam (Internal Assessment) and before the end semester exam.

## **2. Examinations/Assessments**

The scheme for internal assessment and end semester examinations is given in Table – X.

### **2.1. End semester examinations**

The End Semester Examinations for each theory and practical coursethrough semesters I to VIII shall be conducted by the university except for the subjects with asterix symbol (\*) in table I and II for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

**Tables-X: Schemes for internal assessments and end semester examinations semester wise**

**Semester I**

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP101T	Human Anatomy and Physiology I– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP102T	Pharmaceutical Analysis I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP103T	Pharmaceutics I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP104T	Pharmaceutical Inorganic Chemistry – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP105T	Communication skills – Theory *	5	10	1 Hr	15	35	1.5 Hrs	50
BP106RBT BP106RMT	Remedial Biology/ Mathematics – Theory*	5	10	1 Hr	15	35	1.5 Hrs	50
BP107P	Human Anatomy and Physiology – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP108P	Pharmaceutical Analysis I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP109P	Pharmaceutics I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP110P	Pharmaceutical Inorganic Chemistry – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP111P	Communication skills – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
BP112RBP	Remedial Biology – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
Total		70/75 <sup>\$</sup> /80 <sup>#</sup>	115/125 <sup>\$</sup> /130 <sup>#</sup>	23/24 <sup>\$</sup> /26 <sup>#</sup> Hrs	185/200 <sup>\$</sup> /210 <sup>#</sup>	490/525 <sup>\$</sup> / 540 <sup>#</sup>	31.5/33 <sup>\$</sup> / 35 <sup>#</sup> Hrs	675/725 <sup>\$</sup> / 750 <sup>#</sup>

<sup>#</sup>Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

<sup>\$</sup>Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

\* Non University Examination (NUE)

## Semester II

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP201T	Human Anatomy and Physiology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP202T	Pharmaceutical Organic Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP203T	Biochemistry – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP204T	Pathophysiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP205T	Computer Applications in Pharmacy – Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP206T	Environmental sciences – Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP207P	Human Anatomy and Physiology II –Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP208P	Pharmaceutical Organic Chemistry I– Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP209P	Biochemistry – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP210P	Computer Applications in Pharmacy – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
Total		80	125	20 Hrs	205	520	30 Hrs	725

\* The subject experts at college level shall conduct examinations



### Semester III

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP301T	Pharmaceutical Organic Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP302T	PhysicalPharmaceuticsI –Theory	10	15	1 Hr	25	75	3 Hrs	100
BP303T	Pharmaceutical Microbiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP304T	Pharmaceutical Engineering – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP305P	Pharmaceutical Organic Chemistry II – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP306P	Physical Pharmaceutics I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP307P	Pharmaceutical Microbiology – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP308P	Pharmaceutical Engineering – Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		60	100	20	160	440	28Hrs	600

# Semester IV

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP401T	Pharmaceutical Organic Chemistry III– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP402T	Medicinal Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP403T	Physical Pharmaceutics II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP404T	Pharmacology I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP405T	Pharmacognosy I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP406P	Medicinal Chemistry I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP407P	Physical Pharmaceutics II – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP408P	Pharmacology I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP409P	Pharmacognosy I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		70	115	21 Hrs	185	515	31 Hrs	700

## Semester V

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP501T	Medicinal Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP502T	Formulative Pharmacy– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP503T	Pharmacology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP504T	Pharmacognosy II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP505T	Pharmaceutical Jurisprudence – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP506P	Formulative Pharmacy – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP507P	Pharmacology II – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP508P	Pharmacognosy II – Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		65	105	17 Hr	170	480	27 Hrs	650

## Semester VI

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP601T	Medicinal Chemistry III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP602T	Pharmacology III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP603T	Herbal Drug Technology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP605T	Pharmaceutical Biotechnology– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP606T	Quality Assurance– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP607P	Medicinal chemistry III – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP608P	Pharmacology III – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP609P	Herbal Drug Technology – Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		75	120	18 Hrs	195	555	30 Hrs	750

## Semester VII

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP701T	Instrumental Methods of Analysis – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP702T	Industrial Pharmacy – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP703T	Pharmacy Practice – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP704T	Novel Drug Delivery System – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP705 P	Instrumental Methods of Analysis – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP706 PS	Practice School*	25	-	-	25	125	5 Hrs	150
Total		70	70	8Hrs	140	460	21 Hrs	600

\* The subject experts at college level shall conduct examinations



# Semester VIII

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP801T	Biostatistics and Research Methodology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP802T	Social and Preventive Pharmacy – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP803ET	Pharmaceutical Marketing – Theory	10 + 10 = 20	15 + 15 = 30	1 + 1 = 2 Hrs	25 + 25 = 50	75 + 75 = 150	3 + 3 = 6 Hrs	100 + 100 = 200
BP804ET	Pharmaceutical Regulatory Science – Theory							
BP805ET	Pharmacovigilance – Theory							
BP806ET	Quality Control and Standardizations of Herbals – Theory							
BP807ET	Computer Aided Drug Design – Theory							
BP808ET	Cell and Molecular Biology – Theory							
BP809ET	Cosmetic Science – Theory							
BP810ET	Experimental Pharmacology – Theory							
BP811ET	Advanced Instrumentation Techniques – Theory							
BP812PW	Project Work	-	-	-	-	150	4 Hrs	150
Total		40	60	4 Hrs	100	450	16 Hrs	550

### 11.2 Internal assessment: Continuous mode

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

**Table-XI: Scheme for awarding internal assessment: Continuous mode**

<b>Theory</b>			
<b>Criteria</b>		<b>Maximum Marks</b>	
Attendance (Refer Table – XII)		4	2
Academic activities (Average of any activities e.g. quiz, assignment, open book test, field work, group discussion and seminar)		4	03
Student – Teacher interaction		2	
<b>Total</b>		<b>10</b>	<b>5</b>
<b>Practical</b>			
Attendance (Refer Table – XII)		2	
Based on Practical Records, Regular viva voce, etc.		3	
<b>Total</b>		<b>5</b>	

**Table- XII: Guidelines for the allotment of marks for attendance**

<b>Percentage of Attendance</b>	<b>Theory</b>	<b>Practical</b>
95 – 100	4	2
90 – 94	3	1.5
85 – 89	2	1
80 – 84	1	0.5
Less than 80	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). The scheme of question paper for theory and practical Sessional examinations is given below. The average marks of two Sessional exams shall be computed for internal assessment as per the requirements given in tables – X.

Sessional exam shall be conducted for 30 marks for theory and shall be computed for 15 marks. Similarly Sessional exam for practical shall be conducted for 40 marks and shall be computed for 10 marks. The duration for the conduct of the exam is as below

<b>Exam Type</b>	<b>Marks allotted</b>	<b>Duration</b>
Theory	30	1.5 Hr
Practical	40	04 Hr

## Question paper pattern for theory Sessional

### For subjects having University exams

I. Objective Type Questions (Answer 05 out of 7)	=5 x 2 = 10
II. Long Answers (Answer 1 out of 2)	=1 x 10 = 10
III. Short Answers (Answer 2 out of 3)	=2 x 5 = 10
<b>Total</b>	<b>30 marks</b>

### For subjects having Non University Examination

I. Long Answers (Answer 1 out of 2)	=1 x 10 = 10
II.Short Answers (Answer 4 out of 6)	=4 x 5 = 20
<b>Total</b>	<b>30 marks</b>

## Question paper pattern for practical sessional examinations

I. Synopsis	= 10
II. Experiments	= 25
III. Viva voce	= 05
<b>Total</b>	<b>40 marks</b>

## 12 . Promotion and award of grades

A student shall be declared PASS and eligible for getting grade in a course of B.Pharm.program if he/she secures at least 50% marks in that particular course including internal assessment. For example, to be declared as PASS and to get grade, the student has to secure a minimum of 50 marks for the total of 100 including continuous mode of assessment and end semester theory examination and has to secure a minimum of 25 marks for the total 50 including internal assessment and end semester practical examination.

## 13. Carry forward of 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.

**14. Improvement of internal assessment**

A student shall have the opportunity to improve his/her performance in the Sessional exam component of the internal assessment. The re-conduct of the Sessional exam shall be completed before the commencement of next end semester theory examinations.

**15. Re-examination of end semester examinations**

Reexamination of end semester examinations shall be conducted as per the schedule given in table XIII. The exact dates of examinations shall be notified from time to time.

**Table-XIII: Tentative schedule of end semester examinations**

<b>Semester</b>	<b>For Regular Candidates</b>	<b>For Failed Candidates</b>
I, III, V and VII	November / December	May / June
II, IV, VI and VIII	May / June	November / December

**Question paper pattern for end semester theory examinations****For 75 marks paper**

I. Objective Type Questions (Answer 5 out of 7)	= 5 x 3 = 15
II. Long Answers (Answer 2 out of 4)	= 2 x 10 = 20
III. Short Answers (Answer 8 out of 10)	= 8 x 5 = 40
<b>Total</b>	<b>= 75 marks</b>

**For 50 marks paper**

I. Long Answers (Answer 2 out of 3)	= 2 x 10 = 20
II. Short Answers (Answer 6 out of 8)	= 6 x 5 = 30
<b>Total</b>	<b>= 50 marks</b>

**For 35 marks paper**

I. Long Answers (Answer 1 out of 2)	= 1 x 10 = 10
II. Short Answers (Answer 5 out of 7)	= 5 x 5 = 25
<b>Total</b>	<b>= 35 marks</b>

### Question paper pattern for end semester practical examinations

I. Synopsis	= 05
II. Experiments	= 25
III. Viva voce	= 05
<b>Total</b>	<b>= 35marks</b>

#### 16. Academic Progression:

No student shall be admitted to any examination unless he/she fulfills the norms given in

6. Academic progression rules are applicable as follows:

A student shall be eligible to carry forward all the courses of I, II and III semesters till the IV semester examinations. However, he/she shall not be eligible to attend the courses of V semester until all the courses of I and II semesters are successfully completed.

A student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of I, II, III and IV semesters are successfully completed.

A student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of I, II, III, IV, V and VI semesters are successfully completed.

A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to VIII semesters within the stipulated time period as per the norms specified in 26.

A lateral entry student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of III and IV semesters are successfully completed.

A lateral entry student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of III, IV, V and VI semesters are successfully completed.

A lateral entry student shall be eligible to get his/her CGPA upon successful completion of the courses of III to VIII semesters within the stipulated time period as per the norms



specified in 26.

Any student who has given more than 4 chances for successful completion of I / III semester courses and more than 3 chances for successful completion of II / IV semester courses shall be permitted to attend V / VII semester classes ONLY during the subsequent academic year as the case may be. In simpler terms there shall NOT be any ODD BATCH for any semester.

Note: Grade AB should be considered as failed and treated as one head for deciding academic progression. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.

#### **Rules for Carry Forward:**

The curriculum (including regulations, structure and syllabi) is in force from academic year 2018-19 and onwards for First Year B. Pharm, for academic year 2019- 20 onwards for Second Year B. Pharm., for academic year 2020-21 and onwards for Third Year B. Pharm., and for academic year 2021-22 and onwards for Final Year B. Pharm.

The learners who were admitted to First Year B. Pharm. of 2015 pattern during the academic year 2017-18 or before & failed in the First Year B.Pharm. of 2015 pattern examination will have to take admission to Semester-III of Second Year B. Pharm. of

2018 pattern in academic year 2019-20 or onwards, provided that

a. Their result of F. Y. B. Pharm of 2015 pattern is either pass or fails with A. T. K. T.

The said students will have to take up additional remedial courses as follows.

b) The learners who were admitted to S.Y B. Pharm. of 2015 pattern during the academic year 2018-19 or before and fail in the S.Y B.Pharm. of 2015 pattern examination will have to take admission to Semester-V of Third Year B. Pharm. of 2018 pattern in academic year 2020-21 or onwards, provided that Their result of S. Y. B. Pharm of 2015 pattern is either pass or fails with A. T. K. T. The said students will have to take up additional remedial course as follows.

Sr. No	Remedial courses for admission to S.Y.B.Pharm in Academic Year 2019-20 (Cleared F.Y. B. Pharm as per 2015 Pattern)		
	(Non University Examination )	Semester	Passing Criteria
1.	Biochemistry – Theory/Practicals	Semester III	Minimum 50% marks with D grade
2.	Pathophysiology- Theory		Minimum 50% marks with D grade
3.	Computer Applications in	Semester IV	Minimum 50% marks with D

	Pharmacy – Theory/Practicals		grade
4.	Environmental sciences – Theory		Minimum 50% marks with D grade

Sr. No	Remedial courses for admission to T.Y. B.Pharm in Academic Year 2020-21 (Cleared S. Y.B. Pharm as per 2015 Pattern )		
	(Non University Examination with 50% passing.)	Semester	Passing Criteria
1.	Medicinal Chemistry I – Theory/ Practical	Semester V	Minimum 50% marks with D grade

## 17. Grading of performances

### 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 – XII.

**Table – XII: Letter grades and grade points equivalent to Percentage of marks and performances**

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 learner 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.

## 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. For example, if a student takes five courses(Theory/Practical) in a semester with credits C1, C2, C3, C4 and C5 and the student's grade points in these courses are G1, G2, G3, G4 and G5, respectively, and then students' SGPA is equal to:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4 + C_5G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

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. For example if a learner has a F or ABS grade in course 4, the SGPA shall then be computed as:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4 * \text{ZERO} + C_5G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

#### 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. The CGPA shall reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPA shall only reflect the new grade and not the fail grades earned earlier. The CGPA is calculated as:

$$\text{CGPA} = \frac{C_1S_1 + C_2S_2 + C_3S_3 + C_4S_4 + C_5S_5 + C_6S_6 + C_7S_7 + C_8S_8}{C_1 + C_2 + C_3 + C_4 + C_5 + C_6 + C_7 + C_8}$$

where C<sub>1</sub>, C<sub>2</sub>, C<sub>3</sub>,... is the total number of credits for semester I, II, III,.... and S<sub>1</sub>, S<sub>2</sub>, S<sub>3</sub>,... is the SGPA of semester I, II, III,....

**20. Declaration of class**

The class shall be awarded on the basis of CGPA as follows

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 the students shall undertake a project under the supervision of a teacher and submit a report. The area of the project shall directly relate any one of the elective subject opted by the student in semester VIII. The project shall be carried out in group not exceeding 5 in number. The project report shall be submitted in triplicate (typed & bound copy not less than 25 pages).

The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of five students). The projects shall be evaluated as per the criteria given below

***Evaluation of Dissertation Book:***

Objective(s) of the work done	15 Marks
Methodology adopted	20 Marks
Results and Discussions	20 Marks
Conclusions and Outcomes	20 Marks
<b>Total</b>	<b>75 Marks</b>

***Evaluation of Presentation:***

Presentation of work	25 Marks
Communication skills	20 Marks
Question and answer skills	30 Marks
<b>Total</b>	<b>75 Marks</b>

*Explanation:* The 75 marks assigned to the dissertation book shall be same for all the students in a group. However, the 75 marks assigned for presentation shall be awarded based on the performance of individual students in the given criteria.

## **22. Industrial training (Desirable)**

Every candidate shall be required to work for at least 150 hours spread over four weeks in a Pharmaceutical Industry/Hospital. It includes Production unit, Quality Control department, Quality Assurance department, Analytical laboratory, Chemical manufacturing unit, Pharmaceutical R&D, Hospital (Clinical Pharmacy), Clinical Research Organization, Community Pharmacy, etc. After the Semester – VI and before the commencement of Semester – VII, and shall submit satisfactory report of such work and certificate duly signed by the authority of training organization to the head of the institute.

### **AND/OR**

Every candidate shall be required to undergo any one of the Skill development modules mentioned below **(Duration – Min. 04 weeks)**

- a) Hands on Training (Central instrumentation lab/Machine room etc)
- b) UGC/AICTE recognized online courses (SWAYAM/NPTEL etc)

After the successful completion of the module the candidate shall submit satisfactory report and certificate duly signed by the authority of training organization/Head of the institute

## **23. Practice School**

In the VII semester, every candidate shall undergo practice school for a period of 150 hours evenly distributed throughout the semester. The student shall opt any one of the domains for practice school declared by the program committee from time to time.

At the end of the practice school, every student shall submit a printed report (in triplicate) on the practice school he/she attended (not more than 25 pages). Along with the exams of semester VII, the report submitted by the student, knowledge and skills acquired by the student through practice school shall be evaluated by the subject experts at college level and grade point shall be awarded.

## **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 program shall not be eligible for award of ranks. Moreover, the candidates should have completed the B. Pharm program in minimum prescribed number of years, (four years) for the award of Ranks.

## **25. Award of degree**

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

**26. Duration for completion of the program of study**

The duration for the completion of the program shall be fixed as double the actual duration of the program and the students have to pass within the said period, otherwise they have to get fresh Registration.

**27. Re-admission after break of study**

Candidate who seeks re-admission to the program after break of study has to get the approval from the university by paying a condonation fee.

No condonation is allowed for the candidate who has more than 2 years of break up period and he/she has to rejoin the program by paying the required fees.



## **B. PHARMACY 2018 PATTERN**

**SAVITRIBAI PHULE PUNE UNIVERSITY**

**FACULTY OF SCIENCE AND TECHNOLOGY**



**RULES & SYLLABUS**

**FIRST YEAR BACHELOR OF PHARMACY (B. Pharm.) COURSE**

**(EFFECTIVE FROM ACADEMIC YEAR 2018-2019)**

## **CHAPTER- I: REGULATIONS**

### **1. Short Title and Commencement**

These regulations shall be called as “The Revised Regulations for the B. Pharm. Degree Program (CBCS) of the Pharmacy Council of India, New Delhi”. They shall come into effect from the Academic Year 2016-17. The regulations framed are subject to modifications from time to time by Pharmacy Council of India.

### **2. Minimum qualification for admission**

#### **2.1 First year B. Pharm:**

Candidate shall have passed 10+2 examination conducted by the respective state/central government authorities recognized as equivalent to 10+2 examination by the Association of Indian Universities (AIU) with English as one of the subjects and Physics, Chemistry, Mathematics (P.C.M) and or Biology (P.C.B / P.C.M.B.) as optional subjects individually. 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):**

A pass 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 program**

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 program shall be prescribed from time to time by Pharmacy Council of India, New Delhi.

### **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 100 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.

### **6. Attendance and progress**

A candidate is required to put in at least 80% attendance in individual courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations.

## **7. Program/Course credit structure**

As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, tutorial hours, 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 Laboratory courses**

Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and /or tutorial (T) hours, and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and tutorial hours, and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having three lectures and one tutorial per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.

### **7.2. Minimum credit requirements**

The minimum credit points required for award of a B. Pharm. degree is 208. These credits are divided into Theory courses, Tutorials, Practical, Practice School and Project over the duration of eight semesters. The credits are distributed semester-wise as shown in Table IX. Courses generally progress in sequences, building competencies and their positioning indicates certain academic 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 get 52 credit points transferred from their D. Pharm program. Such students shall take up additional remedial courses of 'Communication Skills' (Theory and Practical) and 'Computer Applications in Pharmacy' (Theory and Practical) equivalent to 3 and 4 credit points respectively, a total of 7 credit points to attain 59 credit points, the maximum of I and II semesters.

## **8. Academic work**

A regular record of attendance both in Theory and Practical 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 Table – I to VIII. The number of hours to be devoted to each theory, tutorial and practical course in any semester shall not be less than that shown in Table – I to VIII.

**Table-I: Course of study for semester I**

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I– Theory	3	1	4
BP102T	Pharmaceutical Analysis I – Theory	3	1	4
BP103T	Pharmaceutics I – Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	1	4
BP105T	Communication skills – Theory *	2	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2	-	2
BP107P	Human Anatomy and Physiology – Practical	4	-	2
BP108P	Pharmaceutical Analysis I – Practical	4	-	2
BP109P	Pharmaceutics I – Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4	-	2
BP111P	Communication skills – Practical*	2	-	1
BP112RBP	Remedial Biology – Practical*	2	-	1
<b>Total</b>		<b>32/34<sup>§</sup>/36<sup>#</sup></b>	<b>4</b>	<b>27/29<sup>§</sup>/30<sup>#</sup></b>

<sup>#</sup>Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

<sup>§</sup>Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

\* Non University Examination (NUE)

**Table-II: Course of study for semester II**

<b>Course Code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP201T	Human Anatomy and Physiology II – Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	4
BP203T	Biochemistry – Theory	3	1	4
BP204T	Pathophysiology – Theory	3	1	4
BP205T	Computer Applications in Pharmacy – Theory *	3	-	3
BP206T	Environmental sciences – Theory *	3	-	3
BP207P	Human Anatomy and Physiology II –Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I– Practical	4	-	2
BP209P	Biochemistry – Practical	4	-	2
BP210P	Computer Applications in Pharmacy – Practical*	2	-	1
<b>Total</b>		<b>32</b>	<b>4</b>	<b>29</b>

\*Non University Examination (NUE)

**Table-III: Course of study for semester III**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	4
BP302T	Physical Pharmaceutics I – Theory	3	1	4
BP303T	Pharmaceutical Microbiology – Theory	3	1	4
BP304T	Pharmaceutical Engineering – Theory	3	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4	-	2
BP306P	Physical Pharmaceutics I – Practical	4	-	2
BP307P	Pharmaceutical Microbiology – Practical	4	-	2
BP 308P	Pharmaceutical Engineering –Practical	4	-	2
<b>Total</b>		<b>28</b>	<b>4</b>	<b>24</b>



**Table-IV: Course of study for semester IV**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP401T	Pharmaceutical Organic Chemistry III– Theory	3	1	4
BP402T	Medicinal Chemistry I – Theory	3	1	4
BP403T	Physical Pharmaceutics II – Theory	3	1	4
BP404T	Pharmacology I – Theory	3	1	4
BP405T	Pharmacognosy and Phytochemistry I– Theory	3	1	4
BP406P	Medicinal Chemistry I – Practical	4	-	2
BP407P	Physical Pharmaceutics II – Practical	4		2
BP408P	Pharmacology I – Practical	4	-	2
BP409P	Pharmacognosy and Phytochemistry I – Practical	4	-	2
<b>Total</b>		<b>31</b>	<b>5</b>	<b>28</b>

**Table-V: Course of study for semester V**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP501T	Medicinal Chemistry II – Theory	3	1	4
BP502T	Industrial PharmacyI– Theory	3	1	4
BP503T	Pharmacology II – Theory	3	1	4
BP504T	Pharmacognosy and Phytochemistry II– Theory	3	1	4
BP505T	Pharmaceutical Jurisprudence – Theory	3	1	4
BP506P	Industrial PharmacyI – Practical	4	-	2
BP507P	Pharmacology II – Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II – Practical	4	-	2
<b>Total</b>		<b>27</b>	<b>5</b>	<b>26</b>

**Table-VI: Course of study for semester VI**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP601T	Medicinal Chemistry III – Theory	3	1	4
BP602T	Pharmacology III – Theory	3	1	4
BP603T	Herbal Drug Technology – Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3	1	4
BP605T	Pharmaceutical Biotechnology – Theory	3	1	4
BP606T	Quality Assurance –Theory	3	1	4
BP607P	Medicinal chemistry III – Practical	4	-	2
BP608P	Pharmacology III – Practical	4	-	2
BP609P	Herbal Drug Technology – Practical	4	-	2
<b>Total</b>		<b>30</b>	<b>6</b>	<b>30</b>

**Table-VII: Course of study for semester VII**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP701T	Instrumental Methods of Analysis – Theory	3	1	4
BP702T	Industrial PharmacyII – Theory	3	1	4
BP703T	Pharmacy Practice – Theory	3	1	4
BP704T	Novel Drug Delivery System – Theory	3	1	4
BP705P	Instrumental Methods of Analysis – Practical	4	-	2
BP706PS	Practice School*	12	-	6
<b>Total</b>		<b>28</b>	<b>5</b>	<b>24</b>

\* Non University Examination (NUE)

**Table-VIII: Course of study for semester VIII**

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3	1	4
BP802T	Social and Preventive Pharmacy	3	1	4
BP803ET	Pharma Marketing Management	3 + 3 = 6	1 + 1 = 2	4 + 4 = 8
BP804ET	Pharmaceutical Regulatory Science			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardization of Herbals			
BP807ET	Computer Aided Drug Design			
BP808ET	Cell and Molecular Biology			
BP809ET	Cosmetic Science			
BP810ET	Experimental Pharmacology			
BP811ET	Advanced Instrumentation Techniques			
BP812ET	Dietary Supplements and Nutraceuticals			
BP813PW	Project Work	12	-	6
<b>Total</b>		<b>24</b>	<b>4</b>	<b>22</b>

**Table-IX: Semester wise credits distribution**

Semester	Credit Points
I	27/29 <sup>§</sup> /30 <sup>#</sup>
II	29
III	26
IV	28
V	26
VI	26
VII	24
VIII	22
Extracurricular/ Co curricular activities	01*
<b>Total credit points for the program</b>	<b>209/211<sup>§</sup>/212<sup>#</sup></b>

\* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

<sup>§</sup>Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course.

<sup>#</sup>Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course.

## **10. Program Committee**

1. The B. Pharm. program shall have a Program Committee constituted by the Head of the institution in consultation with all the Heads of the departments.

2. The composition of the Program Committee shall be as follows:

A senior teacher shall be the Chairperson; One Teacher from each department handling B.Pharm courses; and four student representatives of the program (one from each academic year), nominated by the Head of the institution.

3. Duties of the Program Committee:

- i. Periodically reviewing the progress of the classes.
- ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
- iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.
- iv. Communicating its recommendation to the Head of the institution on academic matters.
- v. The Program Committee shall meet at least thrice in a semester preferably at the end of each Sessionalexam (Internal Assessment) and before the end semester exam.

## **11. Examinations/Assessments**

The scheme for internal assessment and end semester examinations is given in Table – X.

### **11.1. End semester examinations**

The End Semester Examinations for each theory and practical coursethrough semesters I to VIII shall beconducted by the university except for the subjects with asterix symbol (\*) in table I and II for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

**Tables-X: Schemes for internal assessments and end semester examinations semester wise**

**Semester I**

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP101T	Human Anatomy and Physiology I– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP102T	Pharmaceutical Analysis I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP103T	Pharmaceutics I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP104T	Pharmaceutical Inorganic Chemistry – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP105T	Communication skills – Theory *	5	10	1 Hr	15	35	1.5 Hrs	50
BP106RBT BP106RMT	Remedial Biology/ Mathematics – Theory*	5	10	1 Hr	15	35	1.5 Hrs	50
BP107P	Human Anatomy and Physiology – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP108P	Pharmaceutical Analysis I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP109P	Pharmaceutics I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP110P	Pharmaceutical Inorganic Chemistry – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP111P	Communication skills – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
BP112RBP	Remedial Biology – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
Total		70/75 <sup>\$</sup> /80 <sup>#</sup>	115/125 <sup>\$</sup> /130 <sup>#</sup>	23/24 <sup>\$</sup> /26 <sup>#</sup> Hrs	185/200 <sup>\$</sup> /210 <sup>#</sup>	490/525 <sup>\$</sup> / 540 <sup>#</sup>	31.5/33 <sup>\$</sup> / 35 <sup>#</sup> Hrs	675/725 <sup>\$</sup> / 750 <sup>#</sup>

<sup>#</sup>Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

<sup>\$</sup>Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

\* Non University Examination (NUE)

## Semester II

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP201T	Human Anatomy and Physiology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP202T	Pharmaceutical Organic Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP203T	Biochemistry – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP204T	Pathophysiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP205T	Computer Applications in Pharmacy – Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP206T	Environmental sciences – Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP207P	Human Anatomy and Physiology II –Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP208P	Pharmaceutical Organic Chemistry I– Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP209P	Biochemistry – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP210P	Computer Applications in Pharmacy – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
Total		80	125	20 Hrs	205	520	30 Hrs	725

\* The subject experts at college level shall conduct examinations



### Semester III

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP301T	Pharmaceutical Organic Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP302T	PhysicalPharmaceuticsI –Theory	10	15	1 Hr	25	75	3 Hrs	100
BP303T	Pharmaceutical Microbiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP304T	Pharmaceutical Engineering – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP305P	Pharmaceutical Organic Chemistry II – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP306P	Physical Pharmaceutics I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP307P	Pharmaceutical Microbiology – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP308P	Pharmaceutical Engineering – Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		60	100	20	160	440	28Hrs	600

### Semester IV

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP401T	Pharmaceutical Organic Chemistry III– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP402T	Medicinal Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP403T	Physical Pharmaceutics II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP404T	Pharmacology I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP405T	Pharmacognosy I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP406P	Medicinal Chemistry I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP407P	Physical Pharmaceutics II – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP408P	Pharmacology I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP409P	Pharmacognosy I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		70	115	21 Hrs	185	515	31 Hrs	700

### Semester V

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP501T	Medicinal Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP502T	Industrial PharmacyI– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP503T	Pharmacology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP504T	Pharmacognosy II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP505T	Pharmaceutical Jurisprudence – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP506P	Industrial PharmacyI– Practical	5	10	4 Hr	15	35	4 Hrs	50
BP507P	Pharmacology II – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP508P	Pharmacognosy II – Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		65	105	17 Hr	170	480	27 Hrs	650

## Semester VI

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP601T	Medicinal Chemistry III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP602T	Pharmacology III – Theory	10		1 Hr	25	75	3 Hrs	100
BP603T	Herbal Drug Technology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP605T	Pharmaceutical Biotechnology– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP606T	Quality Assurance– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP607P	Medicinal chemistry III – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP608P	Pharmacology III – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP609P	Herbal Drug Technology – Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		75	120	18 Hrs	195	555	30 Hrs	750

## Semester VII

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP701T	Instrumental Methods of Analysis – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP702T	Industrial Pharmacy – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP703T	Pharmacy Practice – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP704T	Novel Drug Delivery System – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP705 P	Instrumental Methods of Analysis – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP706 PS	Practice School*	25	-	-	25	125	5 Hrs	150
Total		70	70	8Hrs	140	460	21 Hrs	600

\* The subject experts at college level shall conduct examinations

**Semester VIII**

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP801T	Biostatistics and Research Methodology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP802T	Social and Preventive Pharmacy – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP803ET	Pharmaceutical Marketing – Theory	10 + 10 = 20	15 + 15 = 30	1 + 1 = 2 Hrs	25 + 25 = 50	75 + 75 = 150	3 + 3 = 6 Hrs	100 + 100 = 200
BP804ET	Pharmaceutical Regulatory Science – Theory							
BP805ET	Pharmacovigilance – Theory							
BP806ET	Quality Control and Standardization of Herbals – Theory							
BP807ET	Computer Aided Drug Design – Theory							
BP808ET	Cell and Molecular Biology – Theory							
BP809ET	Cosmetic Science – Theory							
BP810ET	Experimental Pharmacology – Theory							
BP811ET	Advanced Instrumentation Techniques – Theory							
BP812PW	Project Work	-	-	-	-	150	4 Hrs	150

<b>Total</b>	<b>40</b>	<b>60</b>	<b>4 Hrs</b>	<b>100</b>	<b>450</b>	<b>16 Hrs</b>	<b>550</b>
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### 11.2. Internal assessment: Continuous mode

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

**Table-XI: Scheme for awarding internal assessment: Continuous mode**

<b>Theory</b>		
<b>Criteria</b>	<b>Maximum Marks</b>	
Attendance (Refer Table – XII)	4	2
Academic activities (Average of any 3 activities e.g. quiz, assignment, open book test, field work, group discussion and seminar)	3	1.5
Student – Teacher interaction	3	1.5
<b>Total</b>	<b>10</b>	<b>5</b>
<b>Practical</b>		
Attendance (Refer Table – XII)	2	
Based on Practical Records, Regular viva voce, etc.	3	
<b>Total</b>	<b>5</b>	

**Table- XII: Guidelines for the allotment of marks for attendance**

<b>Percentage of Attendance</b>	<b>Theory</b>	<b>Practical</b>
95 – 100	4	2
90 – 94	3	1.5
85 – 89	2	1
80 – 84	1	0.5
Less than 80	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). The scheme of question paper for theory and practical Sessional examinations is given below. The average marks of two Sessional exams shall be computed for internal assessment as per the requirements given in tables – X.

Sessional exam shall be conducted for 30 marks for theory and shall be computed for 15 marks. Similarly Sessional exam for practical shall be conducted for 40 marks and shall be computed for 10 marks.

#### Question paper pattern for theory Sessional examinations

##### For subjects having University examination

I. Multiple Choice Questions (MCQs)	=	10 x 1 = 10
OR		OR
Objective Type Questions (5 x 2)	=	05 x 2 = 10
(Answer all the questions)		
I. Long Answers (Answer 1 out of 2)	=	1 x 10 = 10
II. Short Answers (Answer 2 out of 3)	=	2 x 5 = 10
		-----
Total	=	30 marks



**For subjects having Non University Examination**

I. Long Answers (Answer 1 out of 2)	=	1 x 10 = 10
II. Short Answers (Answer 4 out of 6)	=	4 x 5 = 20
		-----
Total	=	30 marks
		-----

**Question paper pattern for practical sessional examinations**

I. Synopsis	=	10
II. Experiments	=	25
III. Viva voce	=	05
		-----
Total	=	40 marks
		-----

**12. Promotion and award of grades**

A student shall be declared PASS and eligible for getting grade in a course of B.Pharm. program if he/she secures at least 50% marks in that particular course including internal assessment. For example, to be declared as PASS and to get grade, the student has to secure a minimum of 50 marks for the total of 100 including continuous mode of assessment and end semester theory examination and has to secure a minimum of 25 marks for the total 50 including internal assessment and end semester practical examination.

**13. Carry forward of 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.

**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 before the commencement of next end semester theory examinations.

**15. Re-examination of end semester examinations**

Reexamination of end semester examinations shall be conducted as per the schedule given in table XIII. The exact dates of examinations shall be notified from time to time.

**Table-XIII: Tentative schedule of end semester examinations**

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

**Question paper pattern for end semester theory examinations****For 75 marks paper**

I. Multiple Choice Questions(MCQs) = 20 x 1 = 20

OR

OR

Objective Type Questions (10 x 2) = 10 x 2 = 20

(Answer all the questions)

II. Long Answers (Answer 2 out of 3) = 2 x 10 = 20

III. Short Answers (Answer 7 out of 9) = 7 x 5 = 35

Total = 75 marks

**For 50 marks paper**

I. Long Answers (Answer 2 out of 3) = 2 x 10 = 20

II. Short Answers (Answer 6 out of 8) = 6 x 5 = 30

Total = 50 marks

**For 35 marks paper**

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

II. Short Answers (Answer 5 out of 7) = 5 x 5 = 25

Total = 35 marks

**Question paper pattern for end semester practical examinations**

I. Synopsis = 5

II. Experiments = 25

III. Viva voce = 5

Total = 35 marks

**16. Academic Progression:**

No student shall be admitted to any examination unless he/she fulfills the norms given in

6. Academic progression rules are applicable as follows:

A student shall be eligible to carry forward all the courses of I, II and III semesters till the IV semester examinations. However, he/she shall not be eligible to attend the courses of V semester until all the courses of I and II semesters are successfully completed.

A student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of I, II, III and IV semesters are successfully completed.

A student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of I, II, III, IV, V and VI semesters are successfully completed.

A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to VIII semesters within the stipulated time period as per the norms specified in 26.

A lateral entry student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of III and IV semesters are successfully completed.

A lateral entry student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of III, IV, V and VI semesters are successfully completed.

A lateral entry student shall be eligible to get his/her CGPA upon successful completion of the courses of III to VIII semesters within the stipulated time period as per the norms specified in 26.

Any student who has given more than 4 chances for successful completion of I / III semester courses and more than 3 chances for successful completion of II / IV semester courses shall be permitted to attend V / VII semester classes ONLY during the subsequent academic year as the case may be. In simpler terms there shall NOT be any ODD BATCH for any semester.

Note: Grade AB should be considered as failed and treated as one head for deciding academic progression. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.

## 17. Grading of performances

### 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 – XII.

**Table – XII: Letter grades and grade points equivalent to Percentage of marks and performances**

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 learner 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.

## 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. For example, if a student takes five courses (Theory/Practical) in a semester with credits C<sub>1</sub>, C<sub>2</sub>, C<sub>3</sub>, C<sub>4</sub> and C<sub>5</sub> and the student’s grade points in these courses are G<sub>1</sub>, G<sub>2</sub>, G<sub>3</sub>, G<sub>4</sub> and G<sub>5</sub>, respectively, and then students’ SGPA is equal to:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4 + C_5G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

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 AB grade awarded in that semester. For example if a learner has a F or AB grade in course 4, the SGPA shall then be computed as:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4* \text{ZERO} + C_5G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

### 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. The CGPA shall reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPA shall only reflect the new grade and not the fail grades earned earlier. The CGPA is calculated as:

$$\text{CGPA} = \frac{C_1S_1 + C_2S_2 + C_3S_3 + C_4S_4 + C_5S_5 + C_6S_6 + C_7S_7 + C_8S_8}{C_1 + C_2 + C_3 + C_4 + C_5 + C_6 + C_7 + C_8}$$

where  $C_1, C_2, C_3, \dots$  is the total number of credits for semester I, II, III, .... and  $S_1, S_2, S_3, \dots$  is the SGPA of semester I, II, III, ....

### 20. Declaration of class

The class shall be awarded on the basis of CGPA as follows:

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 the students shall undertake a project under the supervision of a teacher and submit a report. The area of the project shall directly relate any one of the elective subject opted by the student in semester VIII. The project shall be carried out in group not exceeding 5 in number. The project report shall be submitted in triplicate (typed & bound copy not less than 25 pages).

The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of five students). The projects shall be evaluated as per the criteria given below.

***Evaluation of Dissertation Book:***

Objective(s) of the work done	15 Marks
Methodology adopted	20 Marks
Results and Discussions	20 Marks
Conclusions and Outcomes	20 Marks

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<b>Total</b>	<b>75 Marks</b>
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***Evaluation of Presentation:***

Presentation of work	25 Marks
Communication skills	20 Marks
Question and answer skills	30 Marks

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<b>Total</b>	<b>75 Marks</b>
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*Explanation:* The 75 marks assigned to the dissertation book shall be same for all the students in a group. However, the 75 marks assigned for presentation shall be awarded based on the performance of individual students in the given criteria.

**22. Industrial training (Desirable)**

Every candidate shall be required to work for at least 150 hours spread over four weeks in a Pharmaceutical Industry/Hospital. It includes Production unit, Quality Control department, Quality Assurance department, Analytical laboratory, Chemical manufacturing unit, Pharmaceutical R&D, Hospital (Clinical Pharmacy), Clinical Research Organization, Community Pharmacy, etc. After the Semester – VI and before the commencement of Semester – VII, and shall submit satisfactory report of such work and certificate duly signed by the authority of training organization to the head of the institute.

**23. Practice School**

In the VII semester, every candidate shall undergo practice school for a period of 150 hours evenly distributed throughout the semester. The student shall opt any one of the domains for practice school declared by the program committee from time to time.

At the end of the practice school, every student shall submit a printed report (in triplicate) on the practice school he/she attended (not more than 25 pages). Along with the exams of semester VII, the report submitted by the student, knowledge and skills acquired by the student through practice school shall be evaluated by the subject experts at college level and grade point shall be awarded.

**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 program shall not be eligible for award of ranks. Moreover, the candidates should have completed the B. Pharm program in minimum prescribed number of years, (four years) for the award of Ranks.

**25. Award of degree**

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

**26. Duration for completion of the program of study**

The duration for the completion of the program shall be fixed as double the actual duration of the program and the students have to pass within the said period, otherwise they have to get fresh Registration.

**27. Re-admission after break of study**

Candidate who seeks re-admission to the program after break of study has to get the approval from the university by paying a condonation fee.

No condonation is allowed for the candidate who has more than 2 years of break up period and he/she has to rejoin the program by paying the required fees.



## **B. PHARMACY 2015 PATTERN**

**SAVITRIBAI PHULE PUNE UNIVERSITY**

**FACULTY OF PHARMACEUTICAL SCIENCES**



**COURSE STRUCTURE & SYLLABI  
BACHELOR OF PHARMACY (B. Pharm.) COURSE  
(EFFECTIVE FROM ACADEMIC YEAR 2015-16)**

*Credit and Grading Based Semester System*

<b>Course Title:</b>	Bachelor of Pharmacy
<b>Abbreviation:</b>	B. Pharm.
<b>Medium of Instruction And Examination:</b>	English
<b>Type of Course:</b>	A four year degree course divided into eight Semesters.
<b>Pattern:</b>	Semester.
<b>Number of Years and Semester:</b>	Four Years divided into eight semesters with two semesters per year.
<b>Nomenclature of Semesters :</b>	Semester-I & Semester-II      First Year B. Pharm. Semester-III & Semester-IV      Second Year B. Pharm. Semester-V & Semester-VI      Third Year B. Pharm. Semester-VII & Semester-VIII      Final Year B. Pharm.
<b>Award of the Degree :</b>	Degree will be awarded to those passing in all the eight semesters as per the rules and regulations.
<b>Duration of Semester :</b>	Each Semester will be normally of 15 weeks duration for class room teaching and practicals and internal evaluation.

**Definitions:**

1. **University** means Savitribai Phule Pune University until and otherwise specified.
2. **The college/Institute** is any college conducting B. Pharmacy course affiliated to Savitribai Phule Pune University.
3. **State Govt.:** Govt. of Maharashtra
4. **Admission Authority:** An authority responsible for effecting admissions to B. Pharm course as prescribed by Govt. of Maharashtra
5. **DTE** – Directorate of Technical Education, Maharashtra State.
6. **AICTE** – All India Council for Technical Education, New Delhi
7. **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
8. **Course:** Usually referred to, as ‘papers’ is a component of a programme. All courses need not carry the same weight. The courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/ tutorials/laboratory work/ field work/ outreach activities/ project work/ vocational training/viva/ seminars/term papers/assignments/ presentations/ self-study etc. or a combination of some of these.
9. **Credit Based Semester System (CBSS):** Under the CBSS, the requirement for awarding a degree or diploma or certificate is prescribed in terms of number of credits to be completed by the learners.
10. **Credit Point:** It is the product of grade point and number of credits for a course.
11. **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.
12. **Cumulative Grade Point Average (CGPA):** It is a measure of overall cumulative performance of a learner over all semesters. The CGPA is the ratio of total credit points secured by a learner in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal points.
13. **Grade Point:** It is a numerical weight allotted to each letter grade on a 10-point scale.
14. **Letter Grade:** It is an index of the performance of learners in a said course. Grades

are denoted by letters O, A+, A, B+, B, C, P and F.

15. **Programme:** An educational programme leading to award of a Degree, diploma or certificate.
16. **Semester Grade Point Average (SGPA):** It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a learner in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal points.
17. **Semester:** Each semester will consist of 15 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June.
18. **Transcript or Grade Card or Certificate:** Based on the grades earned, a grade certificate shall be issued to all the registered learners after every semester. The grade certificate will display the course details (code, title, number of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester.

## **R.1. AIM & OBJECTIVES OF THE COURSE**

### **AIM:**

The Pharmacy graduates are required to learn and acquire adequate knowledge, necessary skills to practice the profession of pharmacy. The graduate should have adequate knowledge of synthesis & analysis of medicinal agents, their mode and mechanism of action, drug interactions, patient counselling and adequate technical information to be exchanged with the physician and other health professionals. The graduates are required to acquire in depth knowledge of formulation, quality assurance and storage of various pharmaceutical dosage forms including herbal medicines. The graduates should also understand the concept of community pharmacy and be able to participate in health care programmes of Government and private sector. They are also required to detail the physicians and market the medicinal agents for diagnosis, prevention and therapeutic purposes. The graduate pharmacist should also act as bridge between the Physician and Patients for achieving better health of community.

### **OBJECTIVES:**

The following objectives of the course should be achieved by acquiring an in-depth knowledge & thorough understanding, necessary skills and developing the right attitude. Therefore they are categorized into following heads.

#### **a. Knowledge and Understanding**

The graduates should acquire the following during their B. Pharm. Course.

1. Adequate knowledge and scientific information regarding basic principles of Pharmaceutical & Medicinal Chemistry, Pharmaceutics including Cosmeticology, Pharmacology, Pharmacognosy including herbal medicines.
2. Adequate knowledge of practical aspects of
  - Synthesis of APIs & its intermediates and analysis of various pharmaceutical dosage forms

- Formulation developments & quality assurance of various pharmaceutical dosage forms including those of herbal origin as per standards of official books, WHO and other regulatory agencies like USFDA, MHRA etc.
- Pharmacological screening and biological standardization and *in-vivo* drug interactions.
- Preparation & analysis of suitable plants material/extracts of medicinal importance for various herbal formulations.
- Clinical studies, patient counseling leading to physical and social well being of the patients.
- Product detailing, marketing, distribution and selling of pharmaceutical products.

#### **b. Skills:**

A graduate should be able to demonstrate following skills necessary for practice of a Pharmacy

- Able to synthesize, purify, identify and analyze medicinal agents.
- Able to formulate, store, dispense, manufacture the pharmaceutical products and analyze the prescriptions.
- Able to learn and apply the quality assurance principles in regulatory and ethical aspects
- Able to extract, purify, identify and understand the therapeutic value of herbal/crude/natural products
- Able to screen various medicinal agents using animal models for pharmacological activity.

#### **c. Attitudes:**

A graduate should develop the following attitudes during the course.

- Willing to apply the current knowledge of Pharmacy in the best interest of the patients and the community.
- Maintain high standards of professional ethics in discharging professional obligations.
- Continuously upgrade professional information and be conversant with latest advances in the field of pharmacy to serve community better.



- Willing to participate in continuing education programmes of PCI/AICTE/ Savitribai Phule Pune University to upgrade the knowledge and professional skills.
- To help and participate in the implementation of National Health Programmes.

## **R.2. ELIGIBILITY CRITERIA**

**A. In order to secure admission to Semester –I of the Four year Degree Course in Pharmacy,** the candidate should fulfil the following eligibility criteria;

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics/Biology /Biotechnology/Technical Vocational subject

**AND**

Secured minimum 45 % marks (minimum 40 % marks in case of candidates of Backward class categories and Persons with Disability belonging only to Maharashtra State) in the subjects Physics, Chemistry and Mathematics/ Biology/Biotechnology/Technical Vocational subject added together (Maximum of marks obtained in Mathematics/ Biology/Biotechnology/Technical Vocational subject shall be considered for the purpose of addition)

**AND**

Obtained a non zero score in subjects Physics, Chemistry and Mathematics/ Biology added together at MT-CET 2015.

**AND**

Any other eligibility criteria decided by competent authority time to time.

**B. Eligibility Criteria for Admission at the entry level of Semester-III. (i.e. the first semester of Second Year B. Pharm.)** Diploma holders who have passed the Diploma course in Pharmacy with minimum of 45% marks and medium of instruction as English from AICTE approved Polytechnics.

**NOTE:** In case of eligibility criterion decided by the Govt. of Maharashtra differs from above, University authorities shall decide the eligibility criterion from time to time. In case of foreign national learners eligibility criteria for admission to F. Y. B. Pharm should be decided by University authorities.

### **R.3. SCHEME OF EXAMINATION:**

**R.3.1. Examination conducting authority:** Savitribai Phule Pune University, Pune.

**R.3.2.** Regular and Supplementary Examinations and time: (Tentative schedule) The University will decide exact schedule on the basis of prevailing situation.

<b>Semester</b>	<b>Odd Semester Examination</b>	<b>Even Semester Examination</b>
I, III, V & VII	(November/December)	(April/May)
II, IV, VI & VIII		

Duration of Examination, Marks etc See Examination scheme at *Annexure I*

### **R.3.3. Criteria for admitting the learner for examinations irrespective of regular or supplementary examinations:**

- Learner must have been admitted to the respective Semester as per the criteria for continuation into the respective Semesters given in R-4 and has kept the term for the Semester for which he is examined.
- The learner must submit prescribed application form along with fees.
- Learner must appear for the examination at the place and time as decided by the admitting Institute/ the University as the case may be.
- Learner who has failed in a particular Semester or has ATKT will be allowed to appear for the same examination on filing new application being forwarded and after paying requisite fee.

*Clarifications:*

- Learner having ATKT will appear for examinations in only those subject heads in which the learner has failed except stated below.
- The learner who has passed in all the subjects but failed due to not getting overall CGPA 5 will be allowed to appear in any number of subject heads (theory) desired by the learner.
- For all the remaining cases, the learner has to appear for examination in all those subject heads in which the learner failed.

**R.3.4. Sessional Examinations**

- Each Semester will consist of a minimum of 15 weeks instructions.  
\*i.e.  $15 \times 6 = 90$  instructional days (minimum instructional days)
- 75% attendance for both theory and practical classes separately shall be mandatory to appear for sessional examination and end semester examination.
- Conducting authority shall be Institutes where learner is admitted.
- In- semester assessment will be of 40 marks which includes 20 marks for theory and practical sessional and 20 marks for continuous assessment for theory and practical.  
In-semester assessment of 20 marks should be continuous, procedures and marks for theory and practical examination are as follows –
  - i. For theory and practical Examination – In-semester assessment for 20 marks should be continuous and at least two tests should be conducted for full course of 3 credits for theory and 2 credits for practical and the teacher must select a variety of procedures for examination such as :
    - a) Written test and / or midterm test (not more than one or two for each course)
    - b) Term paper
    - c) Journal / Lecture / Library notes
    - d) Seminar presentation
    - e) Short Quizzes
    - f) Assignments
    - g) Extension work

h) An open book test (with the concern teacher deciding what books are to be allowed for this purpose)

or

i) Mini research project by individual learner or group of learners

The concern teacher in consultation with the head of Department shall decide the nature of question for the unit test.

*Number of Sessional Examination:*

- There will be a minimum of one sessional examination of 20 marks conducted in each semester after minimum eight weeks of teaching from the date of commencement of that semester in each of the theory subjects during the semester.
- One Sessional Examination will be conducted as per the examination scheme (See Annexure no. I) for each semester. The learner who will secure less than 40% mark in the Sessional Examination or unable to appear for the scheduled Sessional Examination may be permitted for the Sessional Examination in the same semester only if approved by institutional examination committee and paying fees as prescribed by the institution. The institutional examination committee shall consist of Principal (Chairman), & four teachers nominated by the Principal.
- Practical sessional examination of 20 marks will be based on internal assessment of practical (Experimental work), viva, synopsis and laboratory record. The distribution of marks for practical examination will be as follows –

**Scheme for Practical Sessional Examination**

<b>Sr. No.</b>	<b>Head</b>	<b>Marks distribution</b>
1	Experimental work	10
2	Synopsis & Viva	06
3	Lab Record	04
	Total Marks	20
	Duration	03 Hrs.

- Daily assessment of practicals will be based on day to day attendance, learners' skills (performance), viva, laboratory record, etc.
- Theory sessional examination of 20 marks will be conducted after completion of at least two thirds syllabus of the semester.
- The distribution of marks for theory sessional examination will be as given below-

Sr. No.	Head	Marks distribution
Q. 1	2 marks X 3 questions (out of five)	= 6 marks
Q. 2	4 marks X 2 questions (out of three)	= 8 marks
Q. 3	6 marks X 1 questions (out of two)	<u>= 6 marks</u>
	Total	= 20 marks

*Time Schedule:*

**The time schedule for theory sessional examination will be 1 hour.**

- The Retest/ Improvement test/ or supplementary test for the Sessional Examinations will be allowed for the failed learners in the University examination, if he/she is appearing for the University exam of that subject head.
- The Retest/ Improvement test/ or supplementary test shall be carried by the respective institution and the marks obtained by the learner shall be forwarded to the University.
- The institute conducting the course must submit the Sessional Examination marks of the respective semester to the Controller of Examinations in soft copy and print before the commencement of theory or practical examination whichever is later.

**R.3.5. Scaling Down the Marks Obtained by the Learner at the Internal Examination as Compared to the Marks Obtained by the Learner in the Semester End Theory and Practical Examination in the Course Concerned**

- Concept of scaling shall be applicable only for the marks obtained by the learners at all the individual courses.
- Marks obtained by the learner at the Internal Assessment and Semester End Examinations should be converted to the percentage marks course wise.
- Concept of scaling shall be applicable only in cases where the marks obtained by the learner in the Internal Assessment and Semester End Assessment Examinations differ by more than 20% in the course concerned i.e. percentage marks of the learner at a course in the Internal Assessment is 20% more than the percentage of marks

scored by the learner concerned in the Semester End Examination in the course concerned.

- Learner at the course concerned in the Internal Assessment should be scaled down to 20% plus the percentage score of the learner at the Semester End Examination.
- The concept of scaling shall be applicable only in course/s where the learner has passed the course. In case if a learner fails in one or more courses at an attempt then the concept of scaling shall be applied to the courses that the learner has passed at the attempt concerned and for the remaining courses where the learner has failed, the concept of scaling will be applicable as and when the learner passes the course or earns the credit for the course.
- The scaled marks can thus be used to calculate the Credits, Grades, Credit points earned by the learner can then be used to calculate the SGPA and CGPA.
- Concept of scaling shall not be applicable where the percentage of the marks scored by the learner at the Semester End Examination is more than the percentage marks scored by the learner in the Internal Assessment at the course concerned. One of the reasons for the learner scoring low marks at the Internal Assessment could be nonappearance for one of the components of the Internal Assessment.

**Sample Case of a Learner at F.Y.B.Pharm. Semester I of B.Pharm. Programme**

Marks Obtained	Max. Marks	1.1.1 T	1.1.1 P	1.1.2 T	1.1.2 P	1.1.3 T	1.1.3 P	1.1.4 T	1.1.4 P	1.1.5 T	1.1.5 P	1.1.6 T
Internal Assessment	40	28	39	38	37	40	36	37	35	31	34	32
Semester End Examination	60	33	27	24	51	25	32	45	36	26	58	55

Marks Obtained	Max. Marks	1.1.1 T	1.1.1 P	1.1.2 T	1.1.2 P	1.1.3 T	1.1.3 P	1.1.4 T	1.1.4 P	1.1.5 T	1.1.5 P	1.1.6 T
Internal Assessment	40	70%	97.5%	95%	92.5%	100%	90%	92.5%	87.5%	77.5%	85%	80%
Semester End Examination	60%	54.78%	44.82%	39.84%	84.66%	41.5%	53.12%	74.7%	59.76%	43.16%	96.28%	91.3%

Marks Obtained	Max. Marks	1.1.1 T	1.1.1 P	1.1.2 T	1.1.2 P	1.1.3 T	1.1.3 P	1.1.4 T	1.1.4 P	1.1.5 T	1.1.5 P	1.1.6 T
Revised Internal Assessment Score	40	28*	25.92	23.93	37*	24.60	29.24	37*	31.90	25.26	34*	32*
Semester End Examination	60	33	27	24	51	25	32	45	36	26	58	55

**\*In these cases the percentage difference in the marks of Internal Assessment and Semester End Examination is less than 20% hence the original marks are retained.**

#### **R.4.:**

Continuation into the subsequent semesters after the entry level semesters. The admitting authority will be the individual institutes where the learner has been admitted into the course, and the continuation will be as per the criteria decided by the University for each semester.

The following criteria are applicable to all the learners for continuation.

**R.4.1.** A learner, to be eligible for the Degree will be required to pass examinations, as under:-

<b>First year B. Pharm.</b>	Semester-I & Semester-II
<b>Second year B. Pharm.</b>	Semester-III & Semester-IV
<b>Third year B. Pharm.</b>	Semester-V & Semester-VI
<b>Fourth year B. Pharm.</b>	Semester-VII & Semester-VIII

#### **R.4.2.**

No learner will be admitted to any examination unless he/she keeps term at a College affiliated to the University and produces from the Principal of the College, testimonials of satisfactory attendance at the theory, Practical and term work classes as prescribed.



#### **R.4.3. Promotion from odd semester to even semester in the same academic year**

- A Learner who fails in Semester - I examination of First Year B. Pharm. will be allowed to keep term for his/her Semester –II Examination, of First Year B. Pharm.
- A Learner who fails in Semester – III examination of Second Year B. Pharm. will be allowed to keep term for his/ her Semester – IV Examination of Second Year B. Pharm.
- A Learner who fails in Semester – V examination of Third Year B. Pharm. will be allowed to keep term for his/her Semester – VI Examination of Third Year B. Pharm.
- A Learner who fails in Semester – VII examination of Fourth Year B. Pharm. will be allowed to keep term for his Semester – VIII Examination of Fourth Year B. Pharm.

#### **R.4.4. Promotion to subsequent academic year-**

- A learner who fails in more than 7 heads (Theory & practical) of total number of subjects taken together at Semester I and Semester II /Semester III & Semester IV course examination will not be permitted to keep terms in the higher class viz. Semester III / Semester V of B. Pharm. Course examination respectively.
- A learner who fails in more than 8 heads (Theory & practical) of total number of subjects taken together at Semester V and Semester VI course examination will not be permitted to keep terms in the higher class viz. Semester VII of B. Pharm. Course examination.

#### **R.4.5. Clarification of R.4.3. and R.4.4.**

1. No learner will be admitted to the Semester III course unless he/she passes his/her Semester I and Semester II examination of B. Pharm.

**OR**

Fails in not more than 7 heads (Theory and Practical) at the Semester I and Semester II examination of B.Pharm.

2. No learner will be admitted to the Semester V course unless he/she passes his/her Semester I & Semester II., Semester III & Semester IV Examinations of B.Pharm.

**OR**

passes his/her Semester I and Semester II examination of B. Pharm. and fails in not more than 7 of total number of heads (Theory and Practical) at the Semester III & Semester IV Examinations of B. Pharm.

3. No learner will be admitted to the Semester VII course of B. Pharm. unless he/she Passes his/her Semester I & Semester II., Semester III & Semester IV., Semester V & Semester VI Examinations of B. Pharm. examinations,

**OR**

passes his/her Semester I & Semester II., Semester III & Semester IV Examinations of B. Pharm. and fails in not more than 8 of total number of heads (Theory and Practical) at the Semester V & Semester VI Examinations of B. Pharm.

#### **R.4.6. Allowed to Keep Terms (ATKT) rules.**

Number of subjects: ATKT will be awarded to those who have failed in 1/3 subject head (33%) as described in table **given** below

At the end of academic Year		Total subject heads at the end of academic year.	33 % of total subjects (To nearest full digit)
First	Theory	06+06=12	4
	Practical	05+05=10	3
Second	Theory	06+06=12	4
	Practical	05+05=10	3
Third	Theory	07+07=14	5
	Practical	05+05=10	3

## **R.5. Marks, Criteria for passing and other conditions.**

### **R.5.1. Passing criteria for each subject head:**

Maximum marks for each subject head and the minimum marks for passing in each of the subject head –See Examination scheme given in *Annexure I*.

No separate passing is required for sessional examination and if the learner remains absent for the test, the learner will be just treated as not appeared for the test securing zero marks. What so ever mark obtained by the learner will be added to the marks obtained by the learner in University examination as shown in scheme of examination given in *Annexure I*.

In no circumstances previous marks will be considered. If a learner's application form for reappearing in the examination in a subject head is accepted, and the learner appears in the examination (Sessional examination & Semester examination) fresh marks will be considered.

### **R.5.2. Passing of the semester.**

Learner will be considered as passed the semester only when the learner passes in the entire subject heads and obtains overall a minimum CGPA of 5 as prescribed for the semester see Annexure I.

### **R 5.3. Letter Grades and Grade Points:**

1. The marks are converted to grades based on pre-determined class intervals. As per recommendations of UGC. A 10-point grading system with the following letter grades as given below:

**Table 1: Grades and Grade Points**

<b>Marks Obtained</b>	<b>Letter Grade</b>	<b>Grade Point</b>
90 above	O (Outstanding)	10
80 to 89	A+(Excellent)	9
70 to 79	A(Very Good)	8
60 to 69	B+(Good)	7
50 to 59	B(Above Average)	6
46 to 49	C(Average)	5
40 to 45	P (Pass)	4
0 to 39	F(Fail)	0
N. A	Ab (Absent)	0

2. A learner obtaining Grade F shall be considered failed and will be required to reappear in the examination.
3. For non credit courses ‘Satisfactory’ or “Unsatisfactory’ shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA.

#### **R 5.4. Computation of SGPA and CGPA:**

As per recommendation of UGC the following procedure is adopted to compute the Semester Grade Point

Average (SGPA) and Cumulative Grade Point Average (CGPA):

- i. The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a learner in all the courses taken by a learner and the sum of the number of credits of all the courses undergone by a learner, i.e

$$\text{SGPA (Si)} = \Sigma(C_i \times G_i) / \Sigma C_i$$

where  $C_i$  is the number of credits of the  $i$ th course and  $G_i$  is the grade point scored by the learner in the  $i$ th course.

- ii. The CGPA is also calculated in the same manner taking into account all the courses undergone by a learner over all the semesters of a programme, i.e.

$$\text{CGPA} = \Sigma(C_i \times S_i) / \Sigma C_i$$

where  $S_i$  is the SGPA of the  $i$ th semester and  $C_i$  is the total number of credits in that semester.

- iii. The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

#### R.5.5. Illustration of Computation of SGPA and CGPA and Format for Transcripts

- i. Computation of SGPA and CGPA

Illustration for SGPA

	Course	Credit	Grade letter	Grade point	Credit Point (Credit x Grade)
1.1.1 T	Pharmaceutics- I	3	A	8	3 X 8 = 24
1.1.1 P	Pharmaceutics- I	2	A	8	2 X 8 = 16
1.1.2 T	Modern Dispensing Practices	3	B+	7	3 X 7 = 21
1.1.2 P	Modern Dispensing Practices	2	A	8	2 X 8 = 16
1.1.3 T	Pharmaceutical Inorganic Chemistry	3	O	10	3 X 10 = 30
1.1.3 P	Pharmaceutical Inorganic Chemistry	2	O	10	2 X 10 = 20
1.1.4 T	Pharmaceutical Organic Chemistry-I	3	A	8	3 X 8 = 24
1.1.4 P	Pharmaceutical Organic Chemistry-I	2	A	8	2 X 8 = 16
1.1.5 T	Human Anatomy & Physiology-I	3	B+	7	3 X 7 = 21
1.1.5 P	Human Anatomy & Physiology-I	2	B+	7	2 X 7 = 14
1.1.6 T	Communication and soft skill development	3	B	6	3 X 6 = 18
		28			220

Thus,  $SGPA = 220/28 = 7.85$

Illustration for CGPA

Semester 1	Semester 2	Semester 3	Semester 4
Credit : 28 SGPA:7.86	Credit : 28 SGPA:7.04	Credit : 28 SGPA: 6.42	Credit : 28 SGPA:7.21

Semester 5	Semester 6	Semester 7	Semester 8
Credit : 31 SGPA:8.42	Credit : 31 SGPA:7.24	Credit : 31 SGPA: 6.74	Credit : 31 SGPA:8.44

Thus,

$$\text{CGPA} = \frac{28 \times 7.89 + 28 \times 7.04 + 28 \times 6.42 + 28 \times 7.21 + 31 \times 8.42 + 31 \times 7.24 + 31 \times 6.74 + 31 \times 8.44}{236} = 7.46$$

- ii. Transcript (Format): Based on the above recommendations on Letter grades, grade points and SGPA and CGPA, the Higher Educational Institutes may issue the transcript for each semester and a consolidated transcript indicating the performance in all semesters.

**Table indicating Final Grade**

CGPA	Final Grade
9.10 – 10.00	O (Outstanding)
8.10 – 9.00	A+(Excellent)
7.10 – 8.00	A(Very Good)
6.51 – 7.00	B+(Good)
6.10 – 6.50	B(Above Average)
5.51 – 6.00	C(Average)
5.00 – 5.50	P (Pass)
0 – 4.99	F(Fail)
N. A	Ab (Absent)

#### **R.5.6. Award of the degree and Grade.**

Degree will be awarded to the learners who have passed all the eight semesters. Final grade will be awarded on the basis of combined CGPA at the Semester-I to Semester VIII.

A learner will be allowed to improve his/her class at B. Pharm. by reappearing for the subjects (maximum 3 theory subjects of that examination) from V to VIII Semesters of B. Pharm. Course as per prevalent policy of University.

**R.5.7. With holding of results.**

A learner's result will be withheld under the following situations and of the respective Semester.

1. Withholding of result for not fulfilling passing criteria for advancement to subsequent classes-

Result of Semester IV will be with held if the learner has not passed Semester-I and Semester II.

Result of Semester VI will be with held if the learner has not passed Semester-III and Semester – IV.

Result of Semester VIII will be with held if the learner has not passed Semester- V & Semester-VI.

2. Withholding of result for failure to comply University rules-

The result of learner shall be withheld if the learner is found guilty in malpractices during examinations and any other failure to comply University rules and regulation as confirmed by appropriate body of University.

**R.5.8. Exemption to appear for the examination:**

If a learner has got ATKT, the learner will be exempted from appearing the examination for those subject heads in which the learner has passed.

Any learner who has passed in any subject head is exempted for appearing the examination in that subject head.

Notwithstanding above if a learner has passed in all the subjects but failed due to not getting CGPA or SGPA of '5', may appear for the examination in any three theory subject heads so as to get over all CGPA or SGPA of '5'. In such cases, best

of performance will be considered. For example if the learner gets over all CGPA or SGPA of '5' but fails in one of the subject heads in which the learner had passed earlier, the learner will be treated as passed in that subject head as per previous examination and result will be declared as per the rules applicable to the passed learners. The marks of the subject head in which the learner has not appeared for the examination will be carried forward.

#### **R.5.9. Professional/Industrial Training**

Every learner shall be required to work for at least four weeks in a Pharmaceutical Industry it includes Production unit, Q. C department, Q. A department, analytical laboratory, chemical manufacturing unit, pharmaceutical R & D, hospital (Clinical Pharmacy), clinical research organization and wholesale drug store etc after the Semester- IV of the course of study, and shall submit satisfactory report of such work form industry to the head of the institute. The learner should also submit one copy to the University for the Award of Degree along with convocation form. The learner may undergo practical training in parts, each constituting not less than two weeks.



**R.5.10.**

**The pattern for University theory examination question paper shall be as given below:**

Scheme for theory Examination: - Each Theory paper should be divided in 2 sections which should be attempted in separate answer sheet.

<b>Sr. No.</b>	<b>Head</b>	<b>Marks distribution</b>
<b>Section – I</b>		
Q.1.	Long answers question	10 marks (10 mark x 1 Qs, out of 2 Qs.)
Q.2	Small answers questions – 3 marks ( word limit 75 to 100 words)	12 marks (3 mark x 4 Qs, out of 7 Qs.)
Q.3	Short answers questions – 5 marks ( word limit 125 to 150 words)	8 marks (4 mark x 2 Qs, out of 4 Qs.)
<b>Section – II</b>		
Q.4	Long answers question	10 marks (10 mark x 1 Qs, out of 2 Qs.)
Q.5	Small answers questions – 3 marks ( word limit 75 to 100 words)	12 marks (3 mark x 4 Qs, out of 7 Qs)
Q.6	Short answers questions – 5 marks ( word limit 125 to 150 words)	8 marks (4 mark x 2 Qs, out of 4 Qs.)
	<b>Total maximum marks of section I and</b>	<b>60 marks</b>
	<b>Duration of examination</b>	<b>3 Hrs.</b>

**Note:**

1. There shall be no word limit set for long answer questions.
2. Paper setters should cover entire syllabus while setting the question paper.
3. The detailed guidelines with respect to these instructions shall be given to all paper setters by the University.

**Scheme for University Practical Examination**

<b>Sr. No.</b>	<b>Head</b>	<b>Marks distribution</b>
1	Synopsis	10
2	Major experiment	25
3	Minor experiment	15
4	Viva	10
	Total Marks	60
	Duration	04 Hrs.

## **R-6: ENVIRONMENTAL SCIENCES**

An additional course in environmental sciences shall be conducted as per following guidelines.

1. A course in Environmental Awareness with duration of six months (30 lectures of one hour duration & field work of 10 hours duration.) shall be introduced at the semester III of second year of degree course B.Pharm as a compulsory course.
2. An additional course fee of Rs. 1000 per learner shall be charged to meet the expenditure on the conduct of the course.
3. A course Coordinator shall be appointed to organize teaching and evaluation by the Principal.
4. Qualifications of a Teacher.  
University approved teacher (minimum Asst. Prof.) or expert in Environmental Sciences possessing substantial knowledge to teach a course on environmental studies shall be eligible to teach the course. Principal of the College shall be authorized to determine the eligibility of the teacher on environmental studies. This course is to be introduced from the second year B. Pharm.
5. The college on behalf of the University shall conduct the examination of this subject immediately before or after Semester examinations of S.Y./T.Y./Final Year B.Pharm.
6. The learner should clear this subject before passing the Final Year B. Pharm examination.
7. A learner has to pass in this course in order to obtain degree certificate. If the learner passes in all subjects of degree course but fails in this paper, he will not be eligible to obtain degree certificate.
8. Examination: the College shall organize the evaluation as per pattern suggested below.

The Principal shall submit the result sheet to the Controller of Examination, Savitribai Phule Pune University, Pune on or before the end of the final year University Examinations of B. Pharm. course. The results of University examination of the learner who fail to get Minimum 'C' Grade in this course shall be kept in

reserve till the concerned learner complete the course and secure to require Minimum C Grade.

The question paper shall include the questions as under

- A. Multiple choice questions :50 Marks
- B. Essay type questions :25 Marks
- C. Field works :25 Marks

Total: 100 Marks Passing Marks: 40 Marks.

Following Grades shall be awarded to the learners based on their marks obtained.

**Grade-O:** above 75    **Grade-A:** 61 to 75    **Grade-B:** 51 to 60    **Grade-C:** 40 to 50

#### **R-7: Rules for Carry Forward**

This revised curriculum (including regulations, structure and syllabi) will be in force from academic year 2015-16 and onwards for First Year B. Pharm, for academic year 2016-17 onwards for Second Year B. Pharm., for academic year 2017-18 and onwards for Third Year B. Pharm., and for academic year 2018-19 and onwards for Final Year B. Pharm.

1. The learners who were admitted to First Year B. Pharm. of 2013 pattern during the academic year 2014-15 or before & would fail or have failed in the First Year B. Pharm. of 2013 pattern examination will have to take admission to Semester-III of Second Year B. Pharm. of 2015 pattern in academic year 2016-17 or onwards, provided that
  - a. Their result of F. Y. B. Pharm of 2013 pattern is either pass or fails with A. T. K. T.
2. The learners who will be admitted to Second Year B. Pharm. of 2013 pattern during academic year 2015-16 and who will fail in the Second Year B. Pharm. 2013 pattern

examination will have to take admission to Semester- V of T. Y. B. Pharm. of 2015 pattern in academic year 2017-18 or onwards, provided that

- a. They have passed in all subjects of F. Y. B. Pharm. of 2013 syllabus.
- b. Their result for S. Y. B. Pharm. of 2013 pattern is either Pass or Fail with A. T. K. T.

Such learners will have to pass in all the subjects of S. Y. B. Pharm. 2013 pattern before taking admission to Semester- VII of Final Year B. Pharm. 2015 pattern.

3. The learners who will be admitted to Third Year B. Pharm. of 2013 pattern during the academic year 2016-17 and who would fail in T. Y. B. Pharm. 2013 pattern examination will have to take admission to Semester- VII of Final year B. Pharm. of 2015 pattern, provided that

- a. They have passed in all subjects of S. Y. B. Pharm. of 2013 pattern
- b. Their result for T. Y. B. Pharm. 2013 pattern is Pass or Fail with A. T. K. T.

**Annexure I**

Scheme of Examination for eight semesters of B. Pharm. Course Name and number of heads of passing, number of paper, duration of examination, maximum marks, minimum marks for passing, Sessional Examination, duration, maximum marks.

**Semester-I****Class- First Yr. B. Pharmacy**

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Sessional Maximum marks	Continuous Assessment marks		
1.1.1 T	Pharmaceutics- I	3	3	3	60	24	1.5	20	20	100	40
1.1.1 P	Pharmaceutics- I	3	2	4	60	24	3	20	20	100	40
1.1.2 T	Modern Dispensing Practices	3	3	3	60	24	1.5	20	20	100	40
1.1.2 P	Modern Dispensing Practices	3	2	4	60	24	3	20	20	100	40
1.1.3 T	Pharmaceutical Inorganic Chemistry	3	3	3	60	24	1.5	20	20	100	40
1.1.3 P	Pharmaceutical Inorganic Chemistry	3	2	4	60	24	3	20	20	100	40
1.1.4 T	Pharmaceutical Organic Chemistry-I	3	3	3	60	24	1.5	20	20	100	40
1.1.4 P	Pharmaceutical Organic Chemistry-I	3	2	4	60	24	3	20	20	100	40
1.1.5 T	Human Anatomy & Physiology-I	3	3	3	60	24	1.5	20	20	100	40
1.1.5 P	Human Anatomy & Physiology-I	3	2	4	60	24	3	20	20	100	40
1.1.6 T	Communication and soft skill development	3	3	3	60	24	1.5	20	20	100	40

**Total Credits = 28**

**Semester-II**
**Class- First Yr. B. Pharmacy**

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
1.2.1 T	Pharmaceutics- II	3	3	3	60	24	1.5	20	20	100	40
1.2.1 T	Dosage form design	3	3	3	60	24	1.5	20	20	100	40
1.2.2 P	Dosage form design	3	2	4	60	24	3	20	20	100	40
1.2.3 T	Pharmaceutical Organic Chemistry- II	3	3	3	60	24	1.5	20	20	100	40
1.2.3 P	Pharmaceutical Organic Chemistry- II	3	2	4	60	24	3	20	20	100	40
1.2.4 T	Human Anatomy & Physiology-II	3	3	3	60	24	1.5	20	20	100	40
1.2.4 P	Human Anatomy & Physiology-II	3	2	4	60	24	3	20	20	100	40
1.2.5 T	Pharmacognosy	3	3	3	60	24	1.5	20	20	100	40
1.2.5 P	Pharmacognosy	3	2	4	60	24	3	20	20	100	40
1.2.6 T	Pharmaceutical Analysis I	3	3	3	60	24	1.5	20	20	100	40
1.2.6 P	Pharmaceutical Analysis I	3	2	4	60	24	3	20	20	100	40

**Total Credits = 28**

## Semester-III

## Class- Second Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
2.3.1 T	Physical Pharmaceutics- I	3	3	3	60	24	1.5	20	20	100	40
2.3.1 P	Physical Pharmaceutics- I	3	2	4	60	24	3	20	20	100	40
2.3.2 T	Pharmaceutical Microbiology	3	3	3	60	24	1.5	20	20	100	40
2.3.2 P	Pharmaceutical Microbiology	3	2	4	60	24	3	20	20	100	40
2.3.3 T	Pharmaceutical Biochemistry	3	3	3	60	24	1.5	20	20	100	40
2.3.3 P	Pharmaceutical Biochemistry	3	2	4	60	24	3	20	20	100	40
2.3.4 T	Pharmaceutical Organic Chemistry-III	3	3	3	60	24	1.5	20	20	100	40
2.3.4 P	Pharmaceutical Organic Chemistry-III	3	2	4	60	24	3	20	20	100	40
2.3.5 T	Pharmacology-I	3	3	3	60	24	1.5	20	20	100	40
2.3.6 T	Pharmacognosy & Phytochemistry - I	3	3	3	60	24	1.5	20	20	100	40
2.3.6 P	Pharmacognosy & Phytochemistry - I	3	2	4	60	24	3	20	20	100	40

Total Credits = 28

**Semester-IV**

**Class- Second Yr. B. Pharmacy**

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
2.4.1 T	Physical Pharmaceutics-II	3	3	3	60	24	1.5	20	20	100	40
2.4.1 P	Physical Pharmaceutics-II	3	2	4	60	24	3	20	20	100	40
2.4.2 T	Pathophysiology & Clinical Biochemistry	3	3	3	60	24	1.5	20	20	100	40
2.4.2 P	Pathophysiology & Clinical Biochemistry	3	2	4	60	24	3	20	20	100	40
2.4.3 T	Pharmaceutical Organic Chemistry-IV	3	3	3	60	24	1.5	20	20	100	40
2.4.3 P	Pharmaceutical Organic Chemistry-IV	3	2	4	60	24	3	20	20	100	40
2.4.4 T	Pharmaceutical Analysis-II	3	3	3	60	24	1.5	20	20	100	40
2.4.4 P	Pharmaceutical Analysis-II	3	2	4	60	24	3	20	20	100	40
2.4.5 T	Pharmacognosy & Phytochemistry - II	3	3	3	60	24	1.5	20	20	100	40
2.4.5 P	Pharmacognosy & Phytochemistry - II	3	2	4	60	24	3	20	20	100	40
2.4.6 T	Pharmaceutical Engineering	3	3	3	60	24	1.5	20	20	100	40

**Total Credits = 28**



## Semester-V

## Class- Third Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
3.5.1 T	Industrial Pharmacy-I	3	3	3	60	24	1.5	20	20	100	40
3.5.1 P	Industrial Pharmacy-I	3	2	4	60	24	3	20	20	100	40
3.5.2 T	Pharmaceutical Analysis-III	3	3	3	60	24	1.5	20	20	100	40
3.5.2 P	Pharmaceutical Analysis-III	3	2	4	60	24	3	20	20	100	40
3.5.3 T	Medicinal Chemistry-I	3	3	3	60	24	1.5	20	20	100	40
3.5.3 P	Medicinal Chemistry-I	3	2	4	60	24	3	20	20	100	40
3.5.4 T	Pharmacology-II	3	3	3	60	24	1.5	20	20	100	40
3.5.4 P	Pharmacology-II	3	2	4	60	24	3	20	20	100	40
3.5.5 T	Analytical Pharmacognosy & Extraction Technology	3	3	3	60	24	1.5	20	20	100	40
3.5.5 P	Analytical Pharmacognosy & Extraction Technology	3	2	4	60	24	3	20	20	100	40
3.5.6 T	Pharmaceutical Business Management & Disaster Management	3	3	3	60	24	1.5	20	20	100	40
3.5.7 T	Active Pharmaceutical Ingredients Technology	3	3	3	60	24	1.5	20	20	100	40

Total Credits = 31

## Semester-VI

## Class- Third Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
3.6.1 T	Industrial Pharmacy-II	3	3	3	60	24	1.5	20	20	100	40
3.6.1 P	Industrial Pharmacy-II	3	2	4	60	24	3	20	20	100	40
3.6.2 T	Pharmaceutical Analysis-IV	3	3	3	60	24	1.5	20	20	100	40
3.6.2 P	Pharmaceutical Analysis-IV	3	2	4	60	24	3	20	20	100	40
3.6.3 T	Medicinal Chemistry-II	3	3	3	60	24	1.5	20	20	100	40
3.6.3 P	Medicinal Chemistry-II	3	2	4	60	24	3	20	20	100	40
3.6.4 T	Pharmacology-III	3	3	3	60	24	1.5	20	20	100	40
3.6.4 P	Pharmacology-III	3	2	4	60	24	3	20	20	100	40
3.6.5 T	Natural Product Chemistry	3	3	3	60	24	1.5	20	20	100	40
3.6.5 P	Natural Product Chemistry	3	2	4	60	24	3	20	20	100	40
3.6.6 T	Bioorganic Chemistry & Drug Design	3	3	3	60	24	1.5	20	20	100	40
3.6.7 T	Pharmaceutical Biotechnology	3	3	3	60	24	1.5	20	20	100	40

Total Credits = 31

## Semester-VII

## Class- Final Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
4.7.1 T	Sterile Products	3	3	3	60	24	1.5	20	20	100	40
4.7.1 P	Sterile Products	3	2	4	60	24	3	20	20	100	40
4.7.2 T	Pharmaceutical Analysis-V	3	3	3	60	24	1.5	20	20	100	40
4.7.2 P	Pharmaceutical Analysis-V	3	2	4	60	24	3	20	20	100	40
4.7.3 T	Medicinal Chemistry-III	3	3	3	60	24	1.5	20	20	100	40
4.7.3 P	Medicinal Chemistry-III	3	2	4	60	24	3	20	20	100	40
4.7.4 T	Pharmacology-IV	3	3	3	60	24	1.5	20	20	100	40
4.7.4 P	Pharmacology-IV	3	2	4	60	24	3	20	20	100	40
4.7.5 T	Natural Drug Technology	3	3	3	60	24	1.5	20	20	100	40
4.7.5 P	Natural Drug Technology	3	2	4	60	24	3	20	20	100	40
4.7.6 T	Bio-pharmaceutics & Pharmacokinetics	3	3	3	60	24	1.5	20	20	100	40
4.7.7 T	Pharmaceutical Jurisprudence	3	3	3	60	24	1.5	20	20	100	40

Total Credits = 31

## Semester-VIII

## Class- Final Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
4.8.1 T	Advanced Drug Delivery System	3	3	3	60	24	1.5	20	20	100	40
4.8.1 P	Advanced Drug Delivery System	3	2	4	60	24	3	20	20	100	40
4.8.2 T	Cosmetic science	3	3	3	60	24	1.5	20	20	100	40
4.8.2 P	Cosmetic science	3	2	4	60	24	3	20	20	100	40
4.8.3 T	Pharmaceutical Analysis-VI	3	3	3	60	24	1.5	20	20	100	40
4.8.3 P	Pharmaceutical Analysis-V I	3	2	4	60	24	3	20	20	100	40
4.8.4 T	Medicinal Chemistry-IV	3	3	3	60	24	1.5	20	20	100	40
4.8.4 P	Medicinal Chemistry-IV	3	2	4	60	24	3	20	20	100	40
4.8.5 T	Pharmacology-V(Including Biostatistics)	3	3	3	60	24	1.5	20	20	100	40
4.8.5 P	Pharmacology-V(Including Biostatistics)	3	2	4	60	24	3	20	20	100	40
4.8.6 T	Natural Products: Commerce, Industry & Regulations	3	3	3	60	24	1.5	20	20	100	40
4.8.7 T	Quality Assurance Tech.	3	3	3	60	24	1	20	20	100	40

Total Credits = 31

## **M. PHARMACY 2019 PATTERN**

# **SAVITRIBAI PHULE PUNE UNIVERSITY**

## **FACULTY OF SCIENCE AND TECHNOLOGY**



## **RULES & SYLLABUS**

### **FIRST YEAR MASTER OF PHARMACY (M. Pharm.) COURSE (EFFECTIVE FROM ACADEMIC YEAR 2019-2020)**

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# CHAPTER - I : REGULATIONS

## 1. Short Title and Commencement

These regulations shall be called as “The Revised Regulations for the Master of Pharmacy (M. Pharm.) Degree Program – Credit Based Semester System (CBSS) of the Pharmacy Council of India, New Delhi”. They shall come into effect from the Academic Year 2016–17. The regulations framed are subject to modifications from time to time by the authorities of the university.

## 2. Minimum qualification for admission

A. Pass in the following examinations -

- a) Pharm Degree examination of an Indian university established by law in India from an institution approved by Pharmacy Council of India and has scored not less than 55 % of the maximum marks (aggregate of 4 years of B.Pharm.)
- b) Every student, selected for admission to post graduate pharmacy program in any PCI approved institution should have obtained registration with the State Pharmacy Council or should obtain the same within one month from the date of his/her admission, failing which the admission of the candidate shall be cancelled.

Note: It is mandatory to submit a migration certificate obtained from the respective university where the candidate had passed his/her qualifying degree (B.Pharm.)

## 3. Duration of the program

The program of study for M.Pharm. shall extend over a period of four semesters (two academic years). The curricula and syllabi for the program shall be prescribed from time to time by Pharmacy Council of India, New Delhi.

## 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 100 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 the month of December/January to May/June in every calendar year.

## 6. Attendance and progress

A candidate is required to put in at least 80% attendance in individual courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations.



## **7. Program / Course credit structure**

As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, practical classes, seminars, assignments, 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 / per activity.

### **7.1 Credit assignment**

#### **Theory and Laboratory courses**

Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having four lectures per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.

The contact hours of seminars, assignments and research work shall be treated as that of practical courses for the purpose of calculating credits. i.e., the contact hours shall be multiplied by 1/2. Similarly, the contact hours of journal club, research work presentations and discussions with the supervisor shall be considered as theory course and multiplied by 1.

#### **Minimum credit requirements**

The minimum credit points required for the award of M. Pharm. degree is 95. However based on the credit points earned by the students under the head of co-curricular activities, a student shall earn a maximum of 100 credit points. These credits are divided into Theory courses, Practical, Seminars, Assignments, Research work, Discussions with the supervisor, Journal club and Co-Curricular activities over the duration of four semesters. The credits are distributed semester-wise as shown in Table 14. Courses generally progress in sequence, building competencies and their positioning indicates certain academic maturity on the part of the learners. Learners are expected to follow the semester-wise schedule of courses given in the syllabus.

## **8. Academic work**

A regular record of attendance both in Theory, Practical, Seminar and Assignment and Journal club, Discussion with the supervisor, Research work presentation and Dissertation shall be maintained by the department / teaching staff of respective courses.

## **9. Course of study**

The specializations in M.Pharm program is given in Table 1.

**Table – 1: List of M.Pharm. Specializations and their Code**

<b>Sr. No.</b>	<b>Specialization</b>	<b>Code</b>
1.	Pharmaceutics	MPH
2.	Industrial Pharmacy	MIP
3.	Pharmaceutical Chemistry	MPC
4.	Pharmaceutical Analysis	MPA
5.	Pharmaceutical Quality Assurance	MQA
6.	Pharmaceutical Regulatory Affairs	MRA
7.	Pharmaceutical Biotechnology	MPB
8.	Pharmacy Practice	MPP
9.	Pharmacology	MPL
10.	Pharmacognosy	MPG

The course of study for M.Pharm specializations shall include Semester wise Theory & Practical as given in Table - 2 to 11. The number of hours to be devoted to each theory and practical course in any semester shall not be less than that shown in Table - 2 to 11.

**Table - 2: Course of study for M. Pharm. (Pharmaceutics)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>	<b>Hrs./wk</b>	<b>Marks</b>
<b>SEMESTER I</b>					
MPAT101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPH102T	Drug Delivery System	4	4	4	100
MPH103T	Modern Pharmaceutics	4	4	4	100
MPH104T	Regulatory Affair	4	4	4	100
MPH105P	Pharmaceutics Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>
<b>SEMESTER II</b>					
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100
MPH203T	Computer Aided Drug Development	4	4	4	100
MPH204T	Cosmetic & Cosmeceuticals	4	4	4	100
MPH205P	Pharmaceutics Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>

**Table - 3: Course of study for M. Pharm. (Industrial Pharmacy)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>	<b>Hrs./wk</b>	<b>Marks</b>
<b>SEMESTER I</b>					
MPAT101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MIP102T	Pharmaceutical Formulation Development	4	4	4	100
MIP103T	Novel drug delivery systems	4	4	4	100
MIP104T	Intellectual Property Rights	4	4	4	100
MIP105P	Industrial Pharmacy Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>
<b>SEMESTER II</b>					
MIP201T	Advanced Biopharmaceutics and Pharmacokinetics	4	4	4	100
MIP202T	Scale up and Technology Transfer	4	4	4	100
MIP203T	Pharmaceutical Production Technology	4	4	4	100
MIP204T	Entrepreneurship Management	4	4	4	100
MIP205P	Industrial Pharmacy Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>

**Table - 4: Course of study for M. Pharm. (Pharmaceutical Chemistry)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>	<b>Hrs./wk</b>	<b>Marks</b>
<b>SEMESTER I</b>					
MPAT101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPC1012T	Advanced Organic Chemistry – I	4	4	4	100
MPC103T	Advanced Medicinal Chemistry	4	4	4	100
MPC104T	Chemistry of Natural Products	4	4	4	100
MPC105P	Pharmaceutical Chemistry Practical I	12	6	12	150
-	Seminar / Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>
<b>SEMESTER II</b>					
MPC201T	Advanced Spectral Analysis	4	4	4	100
MPC202T	Advanced Organic Chemistry –II	4	4	4	100
MPC203T	Computer Aided Drug Design	4	4	4	100
MPC204T	Pharmaceutical Process Chemistry	4	4	4	100
MPC205P	Pharmaceutical Chemistry Practical II	12	6	12	150
-	Seminar / Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>

**Table - 5: Course of study for M. Pharm. (Pharmaceutical Analysis)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>	<b>Hrs./wk</b>	<b>Marks</b>
<b>SEMESTER I</b>					
MPAT101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPA102T	Advanced Pharmaceutical Analysis	4	4	4	100
MPA103T	Pharmaceutical Validation	4	4	4	100
MPA104T	Food Analysis	4	4	4	100
MPA105P	Pharmaceutical Analysis Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>
<b>SEMESTER II</b>					
MPA201T	Advanced Instrumental Analysis	4	4	4	100
MPA202T	Modern Bio–Analytical Techniques	4	4	4	100
MPA203T	Quality Control and Quality Assurance	4	4	4	100
MPA204T	Herbal and Cosmetic Analysis	4	4	4	100
MPA205P	Pharmaceutical Analysis Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>

**Table - 6: Course of study for M. Pharm. (Pharmaceutical Quality Assurance)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>	<b>Hrs./wk</b>	<b>Marks</b>
<b>SEMESTER I</b>					
MPAT101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MQA102T	Quality Management System	4	4	4	100
MQA103T	Quality Control and Quality Assurance	4	4	4	100
MQA104T	Product Development and Technology Transfer	4	4	4	100
MQA105P	Pharmaceutical Quality Assurance Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>
<b>SEMESTER II</b>					
MQA201T	Hazards and Safety Management	4	4	4	100
MQA202T	Pharmaceutical Validation	4	4	4	100
MQA203T	Audits and Regulatory Compliance	4	4	4	100
MQA204T	Pharmaceutical Manufacturing Technology	4	4	4	100
MQA205P	Pharmaceutical Quality Assurance Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>

**Table - 7: Course of study for M. Pharm. (Regulatory Affairs)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>	<b>Hrs./wk</b>	<b>Marks</b>
<b>SEMESTER I</b>					
MRA101T	Good Regulatory Practices	4	4	4	100
MRA102T	Documentation and Regulatory Writing	4	4	4	100
MRA103T	Clinical Research Regulations	4	4	4	100
MRA 104T	Regulations and Legislation for Drugs & Cosmetics, Medical Devices, Biologicals & Herbals, and Food & Nutraceuticals In India and Intellectual Property Rights	4	4	4	100
MRA105P	Regulatory Affairs Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>
<b>SEMESTER II</b>					
MRA201T	Regulatory Aspects of Drugs & Cosmetics	4	4	4	100
MRA202T	Regulatory Aspects of Herbal & Biologicals	4	4	4	100
MRA203T	Regulatory Aspects of Medical Devices	4	4	4	100
MRA204T	Regulatory Aspects of Food & Nutraceuticals	4	4	4	100
MRA205P	Regulatory Affairs Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>



**Table - 8: Course of study for M. Pharm. (Pharmaceutical Biotechnology)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>	<b>Hrs./w k</b>	<b>Marks</b>
<b>SEMESTER I</b>					
MPAT101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPB 102T	Microbial And Cellular Biology	4	4	4	100
MPB 103T	Bioprocess Engineering and Technology	4	4	4	100
MPB 104T	Advanced Pharmaceutical Biotechnology	4	4	4	100
MPB 105P	Pharmaceutical Biotechnology Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>
<b>SEMESTER II</b>					
MPB 201T	Proteins and protein Formulation	4	4	4	100
MPB 202T	Immunotechnology	4	4	4	100
MPB 203T	Bioinformaticsand Computer Technology	4	4	4	100
MPB 204T	Biological Evaluation of Drug Therapy	4	4	4	100
MPB 205P	Pharmaceutical Biotechnology Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>

**Table - 9: Course of study for M. Pharm. (Pharmacy Practice)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>	<b>Hrs./wk</b>	<b>Marks</b>
<b>SEMESTER I</b>					
MPP 101T	Clinical Pharmacy Practice	4	4	4	100
MPP 102T	Pharmacotherapeutics–I	4	4	4	100
MPP 103T	Hospital & Community Pharmacy	4	4	4	100
MPP 104T	Clinical Research	4	4	4	100
MPP 105P	Pharmacy Practice Practical I	12	6	12	150
-	Seminar / Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>
<b>SEMESTER II</b>					
MPP 201T	Principles of Quality Use of Medicines	4	4	4	100
MPP 102T	Pharmacotherapeutics II	4	4	4	100
MPP 203T	Clinical Pharmacokinetics and Therapeutic Drug Monitoring	4	4	4	100
MPP 204T	Pharmacoepidemiology & Pharmacoeconomics	4	4	4	100
MPP 205P	Pharmacy Practice Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>

**Table - 10: Course of study for (Pharmacology)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>	<b>Hrs./wk</b>	<b>Marks</b>
<b>SEMESTER I</b>					
MPAT101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPL102T	Advanced Pharmacology - I	4	4	4	100
MPL 103T	Pharmacological and Toxicological Screening Methods–I	4	4	4	100
MPL104T	Cellular and Molecular Pharmacology	4	4	4	100
MPL105P	Pharmacology Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>
<b>SEMESTER II</b>					
MPL201T	Advanced Pharmacology II	4	4	4	100
MPL 202T	Pharmacological and Toxicological Screening Methods–II	4	4	4	100
MPL203T	Principles of Drug Discovery	4	4	4	100
MPL204T	Clinical Research and Pharmacovigilance	4	4	4	100
MPL205P	Pharmacology Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>

**Table - 11: Course of study for M. Pharm. (Pharmacognosy)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>	<b>Hrs./week</b>	<b>Marks</b>
<b>SEMESTER I</b>					
MPAT101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPG102T	Advanced Pharmacognosy-I	4	4	4	100
MPG103T	Phytochemistry	4	4	4	100
MPG104T	Industrial Pharmacognostical Technology	4	4	4	100
MPG105P	Pharmacognosy Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>
<b>SEMESTER II</b>					
MPG201T	Medicinal Plant biotechnology	4	4	4	100
MPG102T	Advanced Pharmacognosy – II	4	4	4	100
MPG203T	Indian system of medicine	4	4	4	100
MPG204T	Herbal cosmetics	4	4	4	100
MPG205P	Pharmacognosy Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
<b>Total</b>		<b>35</b>	<b>26</b>	<b>35</b>	<b>650</b>

**Table - 12: Course of study for M. Pharm. III Semester  
(Common for All Specializations)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>
MRM 301T	Research Methodology and Biostatistics*	4	4
-	Journal club	1	1
-	Discussion / Presentation (Proposal Presentation)	2	2
-	Research Work	28	14
<b>Total</b>		<b>35</b>	<b>21</b>

\* Non University Exam

**Table - 13: Course of study for M. Pharm. IV Semester  
(Common for All Specializations)**

<b>Course Code</b>	<b>Course</b>	<b>Credit Hours</b>	<b>Credit Points</b>
-	Journal Club	1	1
-	Research Work	31	16
-	Discussion/Final Presentation	3	3
<b>Total</b>		<b>35</b>	<b>20</b>

**Table - 14: Semester wise credits distribution**

<b>Semester</b>	<b>Credit Points</b>
I	26
II	26
III	21
IV	20
Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	Minimum=02 Maximum=07*
Total Credit Points	Minimum=95 Maximum=100*

\*Credit Points for Co-curricular Activities

**Table – 15 : Guidelines for Awarding Credit Points for Co-curricular Activities**

Name of the Activity	Maximum Credit Points Eligible / Activity
Participation in National Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the specialization of the student)	01
Participation in international Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the specialization of the student)	02
Academic Award/Research Award from State Level/National Agencies	01
Academic Award/Research Award from International Agencies	02
Research / Review Publication in National Journals (Indexed in Scopus / Web of Science)	01
Research / Review Publication in International Journals (Indexed in Scopus / Web of Science)	02

Note: International Conference: Held outside India

International Journal: The Editorial Board outside India

\*The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

#### **10. Program Committee**

1. The M. Pharm. programme shall have a Programme Committee constituted by the Head of the institution in consultation with all the Heads of the departments.
2. The composition of the Programme Committee shall be as follows:  
A teacher at the cadre of Professor shall be the Chairperson; One Teacher from each M.Pharm specialization and four student representatives (two from each academic year), nominated by the Head of the institution.
3. Duties of the Programme Committee:
  - i. Periodically reviewing the progress of the classes.
  - ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
  - iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.
  - iv. Communicating its recommendation to the Head of the institution on academic matters.
  - v. The Programme Committee shall meet at least twice in a semester preferably at the end of each sessional exam and before the end semester exam.

## 11. Examinations/Assessments

The schemes for internal assessment and end semester examinations are given in Table - 16.

### 11.1 End semester examinations

The End Semester Examinations for each theory and practical course through semesters I to IV shall be conducted by the respective university except for the subject with asterix symbol (\*) in table I and II for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

#### Question paper pattern for end semester theory examination

I.	Long answer questions (solve 1 out of 2)	1 X 15=15
II.	Medium Length answers (Solve 2 out of 4)	2 X 7.5=15
III.	Short answer questions (solve 3 out of 5)	3 X 5=15
IV.	Long answer questions (solve 1 out of 2)	1 X 15=15
V.	Short notes (Solve 3 out of 5)	3 X 5= 15
		<b>Total Marks= 75</b>

#### Question paper pattern for end semester practical examination

I.	Synopsis	15
II.	Experiment(s)	70
III.	Viva voce	15
		<b>Total Marks = 100</b>

**Tables - 16 : Schemes for internal assessments and end semester  
(Pharmaceutics - MPH)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continu ous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPAT101T	Modern Pharmaceu tical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPH 102T	Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH 103T	Modern Pharmaceu tics	10	15	1 Hr	25	75	3 Hrs	100
MPH104T	Regulatory Affair	10	15	1 Hr	25	75	3 Hrs	100
MPH105P	Pharmaceuti csPractical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPH 201T	Molecular Pharmaceuti cs(Nano Tech and Targeted DDS)	10	15	1 Hr	25	75	3 Hrs	100
MPH 202T	Advanced Biopharmac eutics & Pharmacokin etics	10	15	1 Hr	25	75	3 Hrs	100
MPH 203T	Computer Aided Drug Development	10	15	1 Hr	25	75	3 Hrs	100
MPH204T	Cosmetic and Cosmeceutic als	10	15	1 Hr	25	75	3 Hrs	100
MPH205P	Pharmaceutics Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar Assignment	-	-	-	-	-	-	100
Total								650



**Tables - 17 : Schemes for internal assessments and end semester  
(Industrial Pharmacy–MIP)**

Course Code	Course	Internal Assessment				End Se. Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPAT101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3Hrs	100
MIP102T	Pharmaceutical Formulation Development	10	15	1 Hr	25	75	3Hrs	100
MIP103T	Novel drug delivery systems	10	15	1 Hr	25	75	3Hrs	100
MIP104T	Intellectual Property Rights	10	15	1 Hr	25	75	3Hrs	100
MIP105P	Industrial Pharmacy Practical I	20	30	6 Hrs	50	100	6Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MIP201T	Advanced Biopharmaceutics and Pharmacokinetics	10	15	1 Hr	25	75	3Hrs	100
MIP202T	Scale up and Technology Transfer	10	15	1 Hr	25	75	3Hrs	100
MIP203T	Pharmaceutical Production Technology	10	15	1 Hr	25	75	3Hrs	100
MIP204T	Entrepreneurship Management	10	15	1 Hr	25	75	3Hrs	100
MIP205P	Industrial Pharmacy Practical II	20	30	6 Hrs	50	100	6Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables - 18 : Schemes for internal assessments and end semester  
(Pharmaceutical Chemistry–MPC)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Mark
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPAT101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3Hrs	100
MPC102T	Advanced Organic Chemistry –I	10	15	1 Hr	25	75	3Hrs	100
MPC103T	Advanced Medicinal chemistry	10	15	1 Hr	25	75	3Hrs	100
MPC104T	Chemistry of Natural Products	10	15	1 Hr	25	75	3Hrs	100
MPC105P	Pharmaceutic al Chemistry Practical I	20	30	6 Hrs	50	100	6Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPC201T	Advanced Spectral Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPC202T	Advanced Organic Chemistry –II	10	15	1 Hr	25	75	3 Hrs	100
MPC203T	Computer AidedDrug Design	10	15	1 Hr	25	75	3 Hrs	100
MPC204T	Pharmaceutic alProcess Chemistry	10	15	1 Hr	25	75	3 Hrs	100
MPC205P	Pharmaceutic alChemistry Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables - 19: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Analysis–MPA)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Dura tion	
			Marks	Duration				
SEMESTER I								
MPAT101T	Modern Pharmaceu- tical Analysis Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPA102T	Advanced Pharmaceu- tical Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA103T	Pharmaceuti- cal Validation	10	15	1 Hr	25	75	3 Hrs	100
MPA104T	Food Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA105P	Pharmaceuti cal Analysis Practical–I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPA201T	Advanced Instrumental Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA202T	Modern Bio– Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPA203T	Quality Control and Quality Assurance	10	15	1 Hr	25	75	3 Hrs	100
MPA204T	Herbal and Cosmetic analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA205P	Pharmaceuti- cal Analysis Practical– II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables - 20: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Quality Assurance–MQA)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous	Sessional Exams		Total	Marks	Duration	
		Mode	Marks	Duration				
SEMESTER I								
MPAT101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MQA102T	Quality Management System	10	15	1 Hr	25	75	3 Hrs	100
MQA103T	Quality Control and Quality Assurance	10	15	1 Hr	25	75	3 Hrs	100
MQA1 04T	Product Developmentand Technology Transfer	10	15	1 Hr	25	75	3 Hrs	100
MQA1 05P	Pharmaceutical Quality Assurance Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MQA201T	Hazards and Safety Management	10	15	1 Hr	25	75	3 Hrs	100
MQA202T	Pharmaceutical Validation	10	15	1 Hr	25	75	3 Hrs	100
MQA2 03T	Auditsand Regulatory Compliance	10	15	1 Hr	25	75	3 Hrs	100
MQA2 04T	Pharmaceutical Manufacturing Technology	10	15	1 Hr	25	75	3 Hrs	100
MQA2 05P	Pharmaceutical QualityAssurance Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables - 21: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Regulatory Affairs–MRA)**

Course Code	Course	Internal Assessment				End Semester Exams		
		Continuo Sessional Exams			Total	Marks	Duration	Total Marks
		Continuous Mode	Marks	Duration				
SEMESTER I								
MRA10 1T	Good Pharmaceutical Practices	10	15	1 Hr	25	75	3 Hrs	100
MRA10 2T	Documentation and Regulatory Writing	10	15	1 Hr	25	75	3 Hrs	100
MRA10 3T	Clinical Research Regulations	10	15	1 Hr	25	75	3 Hrs	100
MRA10 4T	Regulations and Legislation for Drugs & Cosmetics, Medical Devices, Biologicals & Herbals, and Food & Nutraceuticals In Indiaand ntellectual Property Rights	10	15	1 Hr	25	75	3 Hrs	100
MRA10 5T	Pharmaceutical Regulatory Affairs Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	–	–	–	–	–	–	100
Total								650
SEMESTER II								
MRA20 1T	Regulatory Aspects of Drugs & Cosmetics	10	15	1 Hr	25	75	3 Hrs	100
MRA20 2T	Regulatory Aspects of Herbal & Biologicals	10	15	1 Hr	25	75	3 Hrs	100
MRA20 3T	Regulatory Aspects of Medical Devices	10	15	1 Hr	25	75	3 Hrs	100
MRA204T	Regulatory Aspects of Food & Nutraceuticals	10	15	1 Hr	25	75	3 Hrs	100
MRA20 5P	Pharmaceutical Regulatory Affairs Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables - 22: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Biotechnology–MPB)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPAT101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPB102T	Microbial And Cellular Biology	10	15	1 Hr	25	75	3 Hrs	100
MPB10 3T	Bioprocess Engineering and Technology	10	15	1 Hr	25	75	3 Hrs	100
MPB10 4T	Advanced Pharmaceutical Biotechnology	10	15	1 Hr	25	75	3 Hrs	100
MPB10 5P	Pharmaceutical Biotechnology Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPB20 1T	Proteins and protein Formulation	10	15	1 Hr	25	75	3 Hrs	100
MPB202T	Immunotechnology	10	15	1 Hr	25	75	3 Hrs	100
MPB20 3T	Bioinformatics And Computer Technology	10	15	1 Hr	25	75	3 Hrs	100
MPB20 4T	Biological Evaluation of Drug Therapy	10	15	1 Hr	25	75	3 Hrs	10
MPB20 5P	Pharmaceutical Biotechnology Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables - 23: Schemes for internal assessments and end semester examinations  
(Pharmacy Practice–MPP)**

Cours e Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Conti nuous Mode	Sessional Exams		Total	Marks	Duratio	
			Marks	Duratio n				
SEMESTER I								
MPP10 1T	Clinical Pharmacy Practice	10	15	1 Hr	25	75	3 Hrs	100
MPP10 2T	Pharmacotherapeut ic s–I	10	15	1 Hr	25	75	3 Hrs	100
MPP10 3T	Hospital Community Pharmacy	10	15	1 Hr	25	75	3 Hrs	100
MPP10 4T	Clinical Research	10	15	1 Hr	25	75	3 Hrs	100
MPP10 5P	PharmacyPractice Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPP20 1T	Principles of Quality Use of Medicines	10	15	1 Hr	25	75	3 Hrs	100
MPP10 2T	Pharmacotherapeut ic s II	10	15	1 Hr	25	75	3 Hrs	100
MPP20 3T	Clinical Pharmacokinetics and Therapeutic Drug Monitoring	10	15	1 Hr	25	75	3 Hrs	100
MPP20 4T	Pharmacoepidemi ology & Pharmacoeconomic s	10	15	1 Hr	25	75	3 Hrs	100
MPP20 5P	Pharmacy Practice Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables - 24: Schemes for internal assessments and end semester examinations  
(Pharmacology–MPL)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Session Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPAT101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3Hrs	100
MPL102T	Advanced Pharmacology–I	10	15	1 Hr	25	75	3Hrs	100
MPL10 3T	Pharmacological and Toxicological Screening Methods–I	10	15	1 Hr	25	75	3Hrs	100
MPL10 4T	Cellular and Molecular Pharmacology	10	15	1 Hr	25	75	3Hrs	100
MPL105P	Experimental Pharmacology – I	20	30	6 Hrs	50	100	6Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPL201T	Advanced Pharmacology II	10	15	1 Hr	25	75	3 Hrs	100
MPL102T	Pharmacological and Toxicological Screening Methods–II	10	15	1 Hr	25	75	3 Hrs	100
MPL203T	Principles of Drug Discovery	10	15	1 Hr	25	75	3 Hrs	100
MPL204T	Clinical research and pharmacovigilance	10	15	1 Hr	25	75	3 Hrs	100
MPL205P	Experimental Pharmacology- II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650



**Tables - 25: Schemes for internal assessments and end semester examinations  
(Pharmacognosy–MPG)**

Course Code	Course	Internal Assessment					End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Marks	Duration					
SEMESTER I									
MPAT101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100	
MPG10 2T	Advanced Pharmacognosy-I	10	15	1 Hr	25	75	3 Hrs	100	
MPG103T	Phytochemistry	10	15	1 Hr	25	75	3 Hrs	100	
MPG104T	Industrial Pharmacognostical Technology	10	15	1 Hr	25	75	3 Hrs	100	
MPG105P	Pharmacognosy Practical I	20	30	6 Hrs	50	100	6 Hrs	150	
-	Seminar /Assignment	-	-	-	-	-	-	100	
Total								650	
SEMESTER II									
MPG20 1T	Medicinal Plant biotechnology	10	15	1 Hr	25	75	3 Hrs	100	
MPG10 2T	Advanced Pharmacognosy-II	10	15	1 Hr	25	75	3 Hrs	100	
MPG203T	Indian system of medicine	10	15	1 Hr	25	75	3 Hrs	100	
MPG204T	Herbal cosmetics	10	15	1 Hr	25	75	3 Hrs	100	
MPG205P	Pharmacognosy Practical II	20	30	6 Hrs	50	100	6 Hrs	150	
-	Seminar /Assignment	-	-	-	-	-	-	100	
Total								650	

**Seminar/Assignment**

1. **Seminar:** The evaluation of seminar for semester I & II shall be carried out as per following scheme.

- |   |                       |
|---|-----------------------|
| a. Reference work and scientific contents | ----- 10 marks        |
| b. Communication skill                    | ----- 05 marks        |
| c. Discussion/defense                     | ----- 05 marks        |
| d. Presentation                           | ----- 30 marks        |
| <b>Total</b>                              | <b>----- 50 marks</b> |

2. **Assignment:** one assignment related to any topic from the specialization shall be conducted in semester I and II.

Evaluation criteria for assignment are as follows:

- |  |                       |
|--|-----------------------|
| a. Structure, organization and content | ----- 20 marks        |
| b. Creativity and originality          | ----- 05 marks        |
| c. Compilation of information          | ----- 10 marks        |
| d. Literature resources                | ----- 10 marks        |
| e. Reference style                     | ----- 05 marks        |
| <b>Total</b>                           | <b>----- 50 marks</b> |

**Tables - 26: Schemes for internal assessments and end semester examinations (Semester III& IV)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER III								
MRM30 1T	Research methodology and Biostatistics*	10	15	1 Hr	25	75	3 Hrs	100
-	Journal club	—	—	—	25	—	—	25
-	Discussion / Presentation (Proposal Presentation)	—	—	—	50	—	—	50
-	Research work*	—	—	—	—	350	1 Hr	350
Total								525
SEMESTER IV								
-	Journal club	—	—	—	25	—	—	25
-	Discussion / Presentation (Proposal Presentation)	—	—	—	75	—	—	75
-	Research work and Colloquium	—	—	—	—	400	1 Hr	400
Total								500

\*Non University Examination

### 11.2 Internal assessment: Continuous mode

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

**Table - 27: Scheme for awarding internal assessment: Continuous mode**

<b>Theory</b>	
<b>Criteria</b>	<b>Maximum Marks</b>
Attendance (Refer Table – 28)	8
Student – Teacher interaction	2
<b>Total</b>	<b>10</b>
<b>Practical</b>	
Attendance (Refer Table – 28)	10
Based on Practical Records, Regular viva voce, etc.	10
<b>Total</b>	<b>20</b>

**Table - 28: Guidelines for the allotment of marks for attendance**

<b>Percentage of Attendance</b>	<b>Theory</b>	<b>Practical</b>
95 – 100	8	10
90 – 94	6	7.5
85 – 89	4	5
80 – 84	2	2.5
Less than 80	0	0

### Sessional Exams

Two sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). The scheme of question paper for theory and practical sessional examinations is given in the table. The sessional exam will be conducted for 30 marks and computed for 15 marks. The average marks of two sessional exams shall be computed for internal assessment as per the requirements given in tables.

#### Scheme for theory Sessional examination

I. Objective Type questions (solve 5 out of 7)	5 X 2=10
II. Short answer questions (solve 2 out of 3)	2 X 5=10
III. Long answer questions (solve 1 out of 2)	1 X 10=10
<b>Total Marks= 30</b>	

#### Scheme for Practical Sessional examination

I. Synopsis	05
II. Experiment(s)	20
III. Viva voce	05
<b>Total Marks= 30</b>	

## **12. Promotion and award of grades**

A student shall be declared PASS and eligible for getting grade in a course of M.Pharm.programme if he/she secures at least 50% marks in that particular course including internal assessment.

## **13. Carry forward of 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.

## **14. Improvement of internal assessment**

A student shall have the opportunity to improve his/her performance in each semester sessional exam component of the internal assessment. The re-conduct of the sessional exam shall be completed before the commencement of end semester theory examinations.

## **15. Re examination of end semester examinations**

Re examination of end semester examination shall be conducted as per the schedule given in table 29. The exact dates of examinations shall be notified from time to time.

**Table - 29: Tentative schedule of end semester examinations**

Semester	For Regular Candidates	For Failed Candidates
I and III	November / December	May / June
II and IV	May / June	November / December

## **16. Allowed to keep terms (ATKT):**

No student shall be admitted to any examination unless he/she fulfills the norms given in 6. ATKT rules are applicable as follows:

A student shall be eligible to carry forward all the courses of I and II semesters till the III semester examinations. However, he/she shall not be eligible to attend the courses of IV semester until all the courses of I, II and III semesters are successfully completed.

A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to IV semesters within the stipulated time period as per the norms.

Note: Grade AB should be considered as failed and treated as one head for deciding ATKT. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.

## **17. Grading of performances**

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 - 30.

**Table – 30: Letter grades and grade points equivalent to Percentage of marks and performances**

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 learner 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.

### 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.

For example, if a student takes five courses (Theory/Practical) in a semester with credits C<sub>1</sub>, C<sub>2</sub>, C<sub>3</sub> and C<sub>4</sub> and the student's grade points in these courses are G<sub>1</sub>, G<sub>2</sub>, G<sub>3</sub> and G<sub>4</sub>, respectively, and then students' SGPA is equal to:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4}{C_1 + C_2 + C_3 + C_4}$$

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. For example if a learner has a F or ABS grade in course 4, the SGPA shall then be computed as:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4 * \text{ZERO}}{C_1 + C_2 + C_3 + C_4}$$

### 19. Cumulative Grade Point Average (CGPA)

The CGPA is calculated with the SGPA of all the IV semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all IV semesters and their courses. The CGPA shall reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPA shall only reflect the new grade and not the fail grades earned earlier. The CGPA is calculated as:

$$\text{CGPA} = \frac{C_1S_1 + C_2S_2 + C_3S_3 + C_4S_4}{C_1 + C_2 + C_3 + C_4}$$

where  $C_1, C_2, C_3, \dots$  is the total number of credits for semester I, II, III, .... and  $S_1, S_2, S_3, \dots$  is the SGPA of semester I, II, III, ....

## 20. Declaration of class

The class shall be awarded on the basis of CGPA as follows:

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 the students shall undertake a project under the supervision of a teacher in Semester III to IV and submit a report. 4 copies of the project report shall be submitted (typed & bound copy not less than 75 pages). The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). The projects shall be evaluated as per the criteria given below.

### Evaluation of Dissertation Book:

• Objective(s) of the work done	50 Marks
• Methodology adopted	150 Marks
• Results and Discussions	250 Marks
• Conclusions and Outcomes	50 Marks
Total	500 Marks

### Evaluation of Presentation:

• Presentation of work	100 Marks
• Communication skills	50 Marks
• Question and answer skills	100 Marks
Total	250 Marks

## 22. 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 M.Pharm program shall not be eligible for award of ranks. Moreover, the candidates should have completed the M. Pharm program in minimum prescribed number of years, (two years) for the award of Ranks.

## 23. Award of degree

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

## 24. Duration for completion of the program of study

The duration for the completion of the program shall be fixed as double the actual duration of the program and the students have to pass within the said period, otherwise they have to get fresh Registration.

## 25. Revaluation and retotaling of answer papers

There is provision for re-totaling and revaluation of the answer papers in any examination. The candidates can apply for revaluation/ re-totaling by paying prescribed fee.

**26. Re-admission after break of study**

Candidate who seeks re-admission to the program after break of study has to get the approval from the university by paying a condonation fee.

## **M. PHARMACY 2018 PATTERN**



**SAVITRIBAI PHULE PUNE UNIVERSITY**

**FACULTY OF SCIENCE AND TECHNOLOGY**



**RULES & SYLLABUS**

**FIRST YEAR MASTER OF PHARMACY (M. Pharm.) COURSE**

**(EFFECTIVE FROM ACADEMIC YEAR 2018-2019)**

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## CHAPTER –I:REGULATIONS

### 1. Short Title and Commencement

These regulations shall be called as “The Revised Regulations for the Master of Pharmacy (M. Pharm.)Degree Program - Credit Based Semester System (CBSS) of the Pharmacy Council of India, New Delhi”. They shall come into effect from the Academic Year 2016-17. The regulations framed are subject to modifications from time to time by the authorities of the university.

### 2. Minimum qualification for admission

A Pass in the following examinations

a) B. Pharm Degree examination of an Indian university established by law in India from an institution approved by Pharmacy Council of India and has scored not less than 55 % of the maximum marks (aggregate of 4 years of B.Pharm.)

b) Every student, selected for admission to post graduate pharmacy program in any PCI approved institution should have obtained registration with the State Pharmacy Council or should obtain the same within one month from the date of his/her admission, failing which the admission of the candidate shall be cancelled.

Note: It is mandatory to submit a migration certificate obtained from the respective university where the candidate had passed his/her qualifying degree (B.Pharm.)

### 3. Duration of the program

The program of study for M.Pharm. shall extend over a period of four semesters (two academic years). The curricula and syllabi for the program shall be prescribed from time to time by Pharmacy Council of India, New Delhi.

### 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 100 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 the month of December/January to May/June in every calendar year.

## 6. Attendance and progress

A candidate is required to put in at least 80% attendance in individual courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations.

## 7. Program/Course credit structure

As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, practical classes, seminars, assignments, 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/per activity.

### 7.1. Credit assignment

#### 7.1.1. Theory and Laboratory courses

Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having four lectures per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.

The contact hours of seminars, assignments and research work shall be treated as that of practical courses for the purpose of calculating credits. i.e., the contact hours shall be multiplied by 1/2. Similarly, the contact hours of journal club, research work presentations and discussions with the supervisor shall be considered as theory course and multiplied by 1.

### 7.2. Minimum credit requirements

The minimum credit points required for the award of M. Pharm. degree is 95. However based on the credit points earned by the students under the head of co-curricular activities, a student shall earn a maximum of 100 credit points. These credits are divided into Theory courses, Practical, Seminars, Assignments, Research work, Discussions with the supervisor, Journal club and Co-Curricular activities over the duration of four semesters. The credits

are distributed semester-wise as shown in Table 14. Courses generally progress in sequence, building competencies and their positioning indicates certain academic maturity on the part of the learners. Learners are expected to follow the semester-wise schedule of courses given in the syllabus.

#### 8. Academic work

A regular record of attendance both in Theory, Practical, Seminar, Assignment, Journal club, Discussion with the supervisor, Research work presentation and Dissertation shall be maintained by the department / teaching staff of respective courses.

#### 9. Course of study

The specializations in M.Pharm program is given in Table 1.

Table – 1: List of M.Pharm. Specializations and their Code

S. No.	Specialization	Code
1.	Pharmaceutics	MPH
2.	Industrial Pharmacy	MIP
3.	Pharmaceutical Chemistry	MPC
4.	Pharmaceutical Analysis	MPA
5.	Pharmaceutical Quality Assurance	MQA
6.	Pharmaceutical Regulatory Affairs	MRA
7.	Pharmaceutical Biotechnology	MPB
8.	Pharmacy Practice	MPP
9.	Pharmacology	MPL
10.	Pharmacognosy	MPG

The course of study for M.Pharm specializations shall include Semester wise Theory & Practical as given in Table – 2 to 11. The number of hours to be devoted to each theory and practical course in any semester shall not be less than that shown in Table – 2 to 11.

**Table – 2: Course of study for M. Pharm. (Pharmaceutics)**

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
<b>Semester I</b>					
MPH101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPH102T	Drug Delivery System	4	4	4	100
MPH103T	Modern Pharmaceutics	4	4	4	100
MPH104T	Regulatory Affair	4	4	4	100
MPH105P	Pharmaceutics Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
<b>Semester II</b>					
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100
MPH203T	Computer Aided Drug Delivery System	4	4	4	100
MPH204T	Cosmetic and Cosmeceuticals	4	4	4	100
MPH205P	Pharmaceutics Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

**Table – 3: Course of study for M. Pharm. (Industrial Pharmacy)**

Course Code	Course	Credit Hours	Credit Points	Hrs./week	Marks
<b>Semester I</b>					
MIP101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MIP102T	Pharmaceutical Formulation Development	4	4	4	100
MIP103T	Novel drug delivery systems	4	4	4	100
MIP104T	Intellectual Property Rights	4	4	4	100
MIP105P	Industrial Pharmacy Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
<b>Semester II</b>					
MIP201T	Advanced Biopharmaceutics and Pharmacokinetics	4	4	4	100
MIP202T	Scale up and Technology Transfer	4	4	4	100
MIP203T	Pharmaceutical Production Technology	4	4	4	100
MIP204T	Entrepreneurship Management	4	4	4	100
MIP205P	Industrial Pharmacy Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table – 4: Course of study for M. Pharm. (Pharmaceutical Chemistry)

Course Code	Course	Credit Hours	Credit Points	Hrs./week	Marks
Semester I					
MPC101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPC1012T	Advanced Organic Chemistry -I	4	4	4	100
MPC103T	Advanced Medicinal chemistry	4	4	4	100
MPC104T	Chemistry of Natural Products	4	4	4	100
MPC105P	Pharmaceutical Chemistry Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPC201T	Advanced Spectral Analysis	4	4	4	100
MPC202T	Advanced Organic Chemistry -II	4	4	4	100
MPC203T	Computer Aided Drug Design	4	4	4	100
MPC204T	Pharmaceutical Process Chemistry	4	4	4	100
MPC205P	Pharmaceutical Chemistry Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650



Table – 5: Course of study for M. Pharm. (Pharmaceutical Analysis)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPA102T	Advanced Pharmaceutical Analysis	4	4	4	100
MPA103T	Pharmaceutical Validation	4	4	4	100
MPA104T	Food Analysis	4	4	4	100
MPA105P	Pharmaceutical Analysis Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPA201T	Advanced Instrumental Analysis	4	4	4	100
MPA202T	Modern Bio-Analytical Techniques	4	4	4	100
MPA203T	Quality Control and Quality Assurance	4	4	4	100
MPA204T	Herbal and Cosmetic Analysis	4	4	4	100
MPA205P	Pharmaceutical Analysis Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table – 6: Course of study for M. Pharm. (Pharmaceutical Quality Assurance)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MQA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MQA102T	Quality Management System	4	4	4	100
MQA103T	Quality Control and Quality Assurance	4	4	4	100
MQA104T	Product Development and Technology Transfer	4	4	4	100
MQA105P	Pharmaceutical Quality Assurance Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MQA201T	Hazards and Safety Management	4	4	4	100
MQA202T	Pharmaceutical Validation	4	4	4	100
MQA203T	Audits and Regulatory Compliance	4	4	4	100
MQA204T	Pharmaceutical Manufacturing Technology	4	4	4	100
MQA205P	Pharmaceutical Quality Assurance Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table – 7: Course of study for M. Pharm. (Regulatory Affairs)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MRA 101T	Good Regulatory Practices	4	4	4	100
MRA 102T	Documentation and Regulatory Writing	4	4	4	100
MRA 103T	Clinical Research Regulations	4	4	4	100
MRA 104T	Regulations and Legislation for Drugs & Cosmetics, Medical Devices, Biologicals & Herbals, and Food & Nutraceuticals In India and Intellectual Property Rights	4	4	4	100
MRA 105P	Regulatory Affairs Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
Semester II					
MRA 201T	Regulatory Aspects of Drugs & Cosmetics	4	4	4	100
MRA 202T	Regulatory Aspects of Herbal & Biologicals	4	4	4	100
MRA 203T	Regulatory Aspects of Medical Devices	4	4	4	100
MRA 204T	Regulatory Aspects of Food & Nutraceuticals	4	4	4	100
MRA 205P	Regulatory Affairs Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

Table – 8: Course of study for M. Pharm. (Pharmaceutical Biotechnology)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPB 101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPB 102T	Microbial And Cellular Biology	4	4	4	100
MPB 103T	Bioprocess Engineering and Technology	4	4	4	100
MPB 104T	Advanced Pharmaceutical Biotechnology	4	4	4	100
MPB 105P	Pharmaceutical Biotechnology Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPB 201T	Proteins and protein Formulation	4	4	4	100
MPB 202T	Immunotechnology	4	4	4	100
MPB 203T	Bioinformatics and Computer Technology	4	4	4	100
MPB 204T	Biological Evaluation of Drug Therapy	4	4	4	100
MPB 205P	Pharmaceutical Biotechnology Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table – 9: Course of study for M. Pharm. (Pharmacy Practice)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPP 101T	Clinical Pharmacy Practice	4	4	4	100
MPP 102T	Pharmacotherapeutics-I	4	4	4	100
MPP 103T	Hospital & Community Pharmacy	4	4	4	100
MPP 104T	Clinical Research	4	4	4	100
MPP 105P	Pharmacy Practice Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPP 201T	Principles of Quality Use of Medicines	4	4	4	100
MPP 102T	Pharmacotherapeutics II	4	4	4	100
MPP 203T	Clinical Pharmacokinetics and Therapeutic Drug Monitoring	4	4	4	100
MPP 204T	Pharmacoepidemiology & Pharmacoeconomics	4	4	4	100
MPP 205P	Pharmacy Practice Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

**Table – 10: Course of study for (Pharmacology)**

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
<b>Semester I</b>					
MPL 101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPL 102T	Advanced Pharmacology-I	4	4	4	100
MPL 103T	Pharmacological and Toxicological Screening Methods-I	4	4	4	100
MPL 104T	Cellular and Molecular Pharmacology	4	4	4	100
MPL 105P	Pharmacology Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
<b>Semester II</b>					
MPL 201T	Advanced Pharmacology II	4	4	4	100
MPL 202T	Pharmacological and Toxicological Screening Methods-II	4	4	4	100
MPL 203T	Principles of Drug Discovery	4	4	4	100
MPL 204T	Experimental Pharmacology practical- II	4	4	4	100
MPL 205P	Pharmacology Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table – 11: Course of study for M. Pharm. (Pharmacognosy)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPG101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPG102T	Advanced Pharmacognosy-I	4	4	4	100
MPG103T	Phytochemistry	4	4	4	100
MPG104T	Industrial Pharmacognostical Technology	4	4	4	100
MPG105P	Pharmacognosy Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPG201T	Medicinal Plant biotechnology	4	4	4	100
MPG102T	Advanced Pharmacognosy-II	4	4	4	100
MPG203T	Indian system of medicine	4	4	4	100
MPG204T	Herbal cosmetics	4	4	4	100
MPG205P	Pharmacognosy Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

**Table – 12: Course of study for M. Pharm. III Semester  
(Common for All Specializations)**

Course Code	Course	Credit Hours	Credit Points
MRM 301T	Research Methodology and Biostatistics*	4	4
-	Journal club	1	1
-	Discussion / Presentation (Proposal Presentation)	2	2
-	Research Work	28	14
Total		35	21

\* Non University Exam

**Table – 13: Course of study for M. Pharm. IV Semester  
(Common for All Specializations)**

Course Code	Course	Credit Hours	Credit Points
-	Journal Club	1	1
-	Research Work	31	16
-	Discussion/Final Presentation	3	3
Total		35	20

**Table – 14: Semester wise credits distribution**

Semester	Credit Points
I	26
II	26
III	21
IV	20
Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	Minimum=02 Maximum=07*
Total Credit Points	Minimum=95 Maximum=100*

\*Credit Points for Co-curricular Activities



**Table – 15: Guidelines for Awarding Credit Points for Co-curricular Activities**

Name of the Activity	Maximum Credit Points Eligible / Activity
Participation in National Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the specialization of the student)	01
Participation in international Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the specialization of the student)	02
Academic Award/Research Award from State Level/National Agencies	01
Academic Award/Research Award from International Agencies	02
Research / Review Publication in National Journals (Indexed in Scopus / Web of Science)	01
Research / Review Publication in International Journals (Indexed in Scopus / Web of Science)	02

**Note:** International Conference: Held Outside India

**International Journal:** The Editorial Board Outside India

\*The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

#### **10. Program Committee**

1. The M. Pharm. programme shall have a Programme Committee constituted by the Head of the institution in consultation with all the Heads of the departments.
2. The composition of the Programme Committee shall be as follows:  
A teacher at the cadre of Professor shall be the Chairperson; One Teacher from each M.Pharm specialization and four student representatives (two from each academic year), nominated by the Head of the institution.
3. Duties of the Programme Committee:
  - i. Periodically reviewing the progress of the classes.
  - ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
  - iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.

- iv. Communicating its recommendation to the Head of the institution on academic matters.
- v. The Programme Committee shall meet at least twice in a semester preferably at the end of each sessionalexam and before the end semester exam.

## 11. Examinations/Assessments

The schemes for internal assessment and end semester examinations are given in Table – 16.

### 11.1. End semester examinations

The End Semester Examinations for each theory and practical coursethrough semesters I to IVshall beconducted by the respective university except for the subject with asterix symbol (\*) in table I and II for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

Tables – 1616 : Schemes for internal assessments and end semester  
(Pharmaceutics- MPH)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPH 101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPH 102T	Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH 103T	Modern Pharmaceutics	10	15	1 Hr	25	75	3 Hrs	100
MPH 104T	Regulatory Affair	10	15	1 Hr	25	75	3 Hrs	100
MPH 105P	Pharmaceutics Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPH 201T	Molecular Pharmaceutics(Nano Tech and Targeted DDS)	10	15	1 Hr	25	75	3 Hrs	100
MPH 202T	Advanced Biopharmaceutics & Pharmacokinetics	10	15	1 Hr	25	75	3 Hrs	100
MPH 203T	Computer Aided Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH	Cosmetic	10	15	1 Hr	25	75	3 Hrs	100

204T	and Cosmeceutic als							
MPH 205P	Pharmaceuti cs Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Tables – 1717 : Schemes for internal assessments and end semester  
(Industrial Pharmacy- MIP)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MIP101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MIP102T	Pharmaceutical Formulation Development	10	15	1 Hr	25	75	3 Hrs	100
MIP103T	Novel drug delivery systems	10	15	1 Hr	25	75	3 Hrs	100
MIP104T	Intellectual Property Rights	10	15	1 Hr	25	75	3 Hrs	100
MIP105P	Industrial Pharmacy Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MIP201T	Advanced Biopharmaceutics and Pharmacokinetics	10	15	1 Hr	25	75	3 Hrs	100
MIP202T	Scale up and Technology Transfer	10	15	1 Hr	25	75	3 Hrs	100
MIP203T	Pharmaceutical Production Technology	10	15	1 Hr	25	75	3 Hrs	100
MIP204T	Entrepreneurship Management	10	15	1 Hr	25	75	3 Hrs	100

MIP205P	Industrial Pharmacy Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**(Pharmaceutical Chemistry-MPC)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Cont inuo us Mod e	Sessional Exams		Tot al	Mar ks	Du rati on	
			Mar ks	Durati on				
SEMESTER I								
MPC101T	Modern Pharmaceutic al Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPC102T	Advanced Organic Chemistry -I	10	15	1 Hr	25	75	3 Hrs	100
MPC103T	Advanced Medicinal chemistry	10	15	1 Hr	25	75	3 Hrs	100
MPC104T	Chemistry of Natural Products	10	15	1 Hr	25	75	3 Hrs	100
MPC105P	Pharmaceutic al Chemistry Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPC201T	Advanced Spectral Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPC202T	Advanced Organic Chemistry -II	10	15	1 Hr	25	75	3 Hrs	100
MPC203T	Computer Aided Drug Design	10	15	1 Hr	25	75	3 Hrs	100
MPC204T	Pharmaceutic al Process Chemistry	10	15	1 Hr	25	75	3 Hrs	100
MPC205P	Pharmaceutic	20	30	6 Hrs	50	100	6	150

	al Chemistry Practical II						Hrs	
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Tables – 19: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Analysis-MPA)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continu- ous Mode	Sessional Exams		Tot- al	Mark- s	Dura- tion	
			Mark- s	Durati- on				
SEMESTER I								
MPA101T	Modern Pharmaceuti- cal Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA102T	Advanced Pharmaceuti- cal Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA103T	Pharmaceuti- cal Validation	10	15	1 Hr	25	75	3 Hrs	100
MPA104T	Food Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA105P	Pharmaceuti- cal Analysis-I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPA201T	Advanced Instrumental Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA202T	Modern Bio-Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPA203T	Quality Control and Quality	10	15	1 Hr	25	75	3 Hrs	100



	Assurance							
MPA204T	Herbal and Cosmetic analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA205P	Pharmaceuti cal Analysis- II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables – 20: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Quality Assurance-MQA)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MQA101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MQA102T	Quality Management System	10	15	1 Hr	25	75	3 Hrs	100
MQA103T	Quality Control and Quality Assurance	10	15	1 Hr	25	75	3 Hrs	100
MQA104T	Product Development and Technology Transfer	10	15	1 Hr	25	75	3 Hrs	100
MQA105P	Pharmaceutical Quality Assurance Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MQA201T	Hazards and Safety Management	10	15	1 Hr	25	75	3 Hrs	100
MQA202T	Pharmaceutical Validation	10	15	1 Hr	25	75	3 Hrs	100
MQA203T	Audits and Regulatory Compliance	10	15	1 Hr	25	75	3 Hrs	100
MQA204T	Pharmaceutical Manufacturing Technology	10	15	1 Hr	25	75	3 Hrs	100
MQA205P	Pharmaceutical Quality Assurance Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables – 21: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Regulatory Affairs-MRA)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Cont inuo us Mod e	Sessional Exams		Tot al	Mar ks	Dura tion	
			Mar ks	Durati on				
SEMESTER I								
MRA10 1T	Good Pharmaceutical Practices	10	15	1 Hr	25	75	3 Hrs	100
MRA10 2T	Documentation and Regulatory Writing	10	15	1 Hr	25	75	3 Hrs	100
MRA10 3T	Clinical Research Regulations	10	15	1 Hr	25	75	3 Hrs	100
MRA10 4T	Regulations and Legislation for Drugs & Cosmetics, Medical Devices, Biologicals & Herbals, and Food & Nutraceuticals In India and Intellectual Property Rights	10	15	1 Hr	25	75	3 Hrs	100
MRA10 5T	Pharmaceutical Regulatory Affairs Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MRA20 1T	Regulatory Aspects of Drugs & Cosmetics	10	15	1 Hr	25	75	3 Hrs	100

MRA20 2T	Regulatory Aspects of Herbal & Biologicals	10	15	1 Hr	25	75	3 Hrs	100
MRA20 3T	Regulatory Aspects of Medical Devices	10	15	1 Hr	25	75	3 Hrs	100
MRA20 4T	Regulatory Aspects of Food & Nutraceuticals	10	15	1 Hr	25	75	3 Hrs	100
MRA20 5P	Pharmaceutical Regulatory Affairs Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables – 22: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Biotechnology-MPB)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPB101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPB102T	Microbial And Cellular Biology	10	15	1 Hr	25	75	3 Hrs	100
MPB103T	Bioprocess Engineering and Technology	10	15	1 Hr	25	75	3 Hrs	100
MPB104T	Advanced Pharmaceutical Biotechnology	10	15	1 Hr	25	75	3 Hrs	100
MPB105P	Pharmaceutical Biotechnology Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPB201T	Proteins and protein Formulation	10	15	1 Hr	25	75	3 Hrs	100
MPB202T	Immunotechnology	10	15	1 Hr	25	75	3 Hrs	100
MPB203T	Bioinformatics and Computer Technology	10	15	1 Hr	25	75	3 Hrs	100
MPB204T	Biological Evaluation of Drug Therapy	10	15	1 Hr	25	75	3 Hrs	100
MPB205P	Pharmaceutical Biotechnology Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Tables – 23: Schemes for internal assessments and end semester examinations  
(Pharmacy Practice-MPP)

Cours e Code	Course	Internal Assessment				End Semester Exams		Tot al Mar ks
		Conti nuous Mode	Sessional Exams		Tot al	Mar ks	Durati on	
			Mar ks	Dur atio n				
SEMESTER I								
MPP10 1T	Clinical Pharmacy Practice	10	15	1 Hr	25	75	3 Hrs	100
MPP10 2T	Pharmacotherapeutic s-I	10	15	1 Hr	25	75	3 Hrs	100
MPP10 3T	Hospital & Community Pharmacy	10	15	1 Hr	25	75	3 Hrs	100
MPP10 4T	Clinical Research	10	15	1 Hr	25	75	3 Hrs	100
MPP10 5P	Pharmacy Practice Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPP20 1T	Principles of Quality Use of Medicines	10	15	1 Hr	25	75	3 Hrs	100
MPP10 2T	Pharmacotherapeutic s II	10	15	1 Hr	25	75	3 Hrs	100
MPP20 3T	Clinical Pharmacokinetics and Therapeutic Drug Monitoring	10	15	1 Hr	25	75	3 Hrs	100
MPP20 4T	Pharmacoepidemiology & Pharmacoeconomics	10	15	1 Hr	25	75	3 Hrs	100
MPP20 5P	Pharmacy Practice Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Tables – 24: Schemes for internal assessments and end semester examinations  
(Pharmacology-MPL)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPL101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPL102T	Advanced Pharmacology-I	10	15	1 Hr	25	75	3 Hrs	100
MPL103T	Pharmacological and Toxicological Screening Methods-I	10	15	1 Hr	25	75	3 Hrs	100
MPL104T	Cellular and Molecular Pharmacology	10	15	1 Hr	25	75	3 Hrs	100
MPL105P	Experimental Pharmacology - I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPL201T	Advanced Pharmacology II	10	15	1 Hr	25	75	3 Hrs	100
MPL102T	Pharmacological and Toxicological Screening Methods-II	10	15	1 Hr	25	75	3 Hrs	100
MPL203T	Principles of Drug Discovery	10	15	1 Hr	25	75	3 Hrs	100
MPL204T	Clinical research and pharmacovigilance	10	15	1 Hr	25	75	3 Hrs	100
MPL205P	Experimental Pharmacology - II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Tables – 25: Schemes for internal assessments and end semester examinations  
(Pharmacognosy-MPG)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPG10 1T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPG10 2T	Advanced Pharmacognosy-I	10	15	1 Hr	25	75	3 Hrs	100
MPG10 3T	Phytochemistry	10	15	1 Hr	25	75	3 Hrs	100
MPG10 4T	Industrial Pharmacognostical Technology	10	15	1 Hr	25	75	3 Hrs	100
MPG10 5P	Pharmacognosy Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPG20 1T	Medicinal Plant biotechnology	10	15	1 Hr	25	75	3 Hrs	100
MPG10 2T	Advanced Pharmacognosy-II	10	15	1 Hr	25	75	3 Hrs	100
MPG20 3T	Indian system of medicine	10	15	1 Hr	25	75	3 Hrs	100
MPG20 4T	Herbal cosmetics	10	15	1 Hr	25	75	3 Hrs	100
MPG20 5P	Pharmacognosy Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650



Tables – 26: Schemes for internal assessments and end semester examinations  
(Semester III& IV)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER III								
MRM301T	Research Methodology and Biostatistics*	10	15	1 Hr	25	75	3 Hrs	100
-	Journal club	-	-	-	25	-	-	25
-	Discussion / Presentation (Proposal Presentation)	-	-	-	50	-	-	50
-	Research work*	-	-	-	-	350	1 Hr	350
Total								525
SEMESTER IV								
-	Journal club	-	-	-	25	-	-	25
-	Discussion / Presentation (Proposal Presentation)	-	-	-	75	-	-	75
-	Research work and Colloquium	-	-	-	-	400	1 Hr	400
Total								500

\*Non University Examination

### 11.2. Internal assessment: Continuous mode

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

Table – 27: Scheme for awarding internal assessment: Continuous mode

Theory	
Criteria	Maximum Marks
Attendance (Refer Table – 28)	8
Student – Teacher interaction	2
Total	10
Practical	
Attendance (Refer Table – 28)	10
Based on Practical Records, Regular viva voce, etc.	10
Total	20

Table – 28: Guidelines for the allotment of marks for attendance

Percentage of Attendance	Theory	Practical
95 – 100	8	10
90 – 94	6	7.5
85 – 89	4	5
80 – 84	2	2.5
Less than 80	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). The scheme of question paper for theory and practical sessional examinations is given in the table. The average marks of two sessional exams shall be computed for internal assessment as per the requirements given in tables.

### 12. Promotion and award of grades

A student shall be declared **PASS** and eligible for getting grade in a course of M.Pharm.programme if he/she secures at least 50% marks in that particular course including internal assessment.

### 13. Carry forward of 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.

#### 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 before the commencement of next end semester theory examinations.

#### 15. Reexamination of end semester examinations

Reexamination of end semester examination shall be conducted as per the schedule given in table 29. The exact dates of examinations shall be notified from time to time.

Table – 29: Tentative schedule of end semester examinations

Semester	For Regular Candidates	For Failed Candidates
I and III	November / December	May / June
II and IV	May / June	November / December

#### 16. Allowed to keep terms (ATKT):

No student shall be admitted to any examination unless he/she fulfills the norms given in 6. ATKT rules are applicable as follows:

A student shall be eligible to carry forward all the courses of I and II semesters till the III semester examinations. However, he/she shall not be eligible to attend the courses of IV semester until all the courses of I, II and III semesters are successfully completed.

A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to IV semesters within the stipulated time period as per the norms.

Note: Grade AB should be considered as failed and treated as one head for deciding ATKT. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.

#### 17. Grading of performances

##### 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 – 30.

Table – 30: Letter grades and grade points equivalent to  
Percentage of marks and performances

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 learner 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.

#### 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. For example, if a student takes five courses (Theory/Practical) in a semester with credits C<sub>1</sub>, C<sub>2</sub>, C<sub>3</sub> and C<sub>4</sub> and the student's grade points in these courses are G<sub>1</sub>, G<sub>2</sub>, G<sub>3</sub> and G<sub>4</sub>, respectively, and then students' SGPA is equal to:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4}{C_1 + C_2 + C_3 + C_4}$$

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. For example if a learner has a F or ABS grade in course 4, the SGPA shall then be computed as:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4 * \text{ZERO}}{C_1 + C_2 + C_3 + C_4}$$

#### 19. Cumulative Grade Point Average (CGPA)

The CGPA is calculated with the SGPA of all the IV semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all IV semesters and their courses. The CGPA shall reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPA

## **M. PHARMACY 2013 PATTERN**

**University of Pune**



**Manual**

**On**

**Semester Based,**

**Credit and Grading System**

**For**

**Post Graduates (PG) Programmes**

**Under**

**The Faculty of Pharmaceutical Science**

**With Effect from the Academic Year**

**2013-14**

## **Semester based credit and grading system for M-pharm programme**

University of Pune has issued Rules and Regulations for the credit and Semester System in Post Graduate Centres of the affiliated colleges of the University of Pune. (Ref:

In pursuance of the above decision to implement Credit System at the Post Graduate level and ensure continuous assessment, the UoP has decided to implement the Credit and Semester System (CSS) in all its affiliated colleges and recognised institutions where post graduate courses are conducted.

University of Pune under Faculty of Pharmaceutical Sciences conduct the following Post graduate Courses

1. Pharmaceutics
2. Pharmaceutical Chemistry
3. Pharmacology
4. Pharmacognosy
5. Quality assurance Techniques

The courses are partly by paper and partly by research.

The rules and regulations issued by University of Pune as above need clarification. In view of this a manual is sought necessary which may help the college to implement the credit system without any confusion or ambiguity.

### **1. Rationale for introduction of Credit System:**

*“Enhanced learning opportunities, ability to match learners’ scholastic needs and aspirations, improvement in educational quality and excellence, flexibility for learners to complete the programme in specified period of time, standardization and comparability of educational programmes.”*

**Some of the specific advantages of using the Credit system as outlined in the available literature on the topic are as listed below:**

### **2. Advantages of the Credit System:**

- Represents 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 only in teaching.
- Helps to record course work and to document learner workload realistically since all activities are taken into account - not only the time learners spend in lectures or seminars but also the time they need for individual learning and the preparation of examinations etc.
- Segments learning experience into calibrated units, which can be accumulated in order to gain an academic award.

- Helps self-paced learning. Learners may undertake as many credits as they can cope with without having to repeat all the courses in a given semester if they fail in one or more courses. Alternatively, they can choose other courses and continue their studies.
- Affords more flexibility to the learners allowing them to choose inter-disciplinary courses, change majors, programmes, etc.
- Respects ‘Learner Autonomy’. Allows learners to choose according to their own learning needs, interests and aptitudes.
- Makes education more broad-based. One can take credits by combining unique combinations. For example, if a learner is engaged in pharmacy practice or community pharmacy shall get benefit while earning credits for a course etc .
- Facilitates Learner Mobility. Offers the opportunity to study at different times and in different places. Credits earned at one institution can be transferred to another.
- Helps in working out twinning programmes.
- Is beneficial for achieving more transparency and compatibility between different educational structures.
- A credit system can facilitate recognition procedures as well as access to higher education for non-traditional learners.

### **3. Scientific approach to implementation**

Any institution desirous of working out a comprehensive Credit system needs to adopt a systematic approach that handles most, if not all the aspects that need attention. Introducing the Credit system without adequate policy formulation and clear implementation guidelines is quite likely to encounter problems that are dealt with through *ad hoc* decisions. Such decisions may have long-term consequences which cannot easily be set right. Care has to be taken to see that the learner, who must be the ultimate beneficiary of the system, does not suffer academically because of absence of procedures or lack of adequate attention to detail when evolving the system. Apart from the fact that any form of injustice caused to the learner - the ultimate ‘consumer’ in the educational process – can lead to legal issues, the lack of a comprehensive approach may affect the key features like curricular flexibility, learner autonomy and learner mobility that are central to the system. The following major steps should, therefore, be taken by any higher education provider wanting to introduce the Credit System.



### **3.1 At the Programme level**

- a. Specify for each academic programme (eg M-Pharm),
  - i. the programme structure (core courses, optional courses, etc and their year wise distribution if applicable),
  - ii. entry level requirements,
  - iii. minimum and maximum duration for successful completion,
  - iv. programme objectives,
  - v. teaching-learning strategies (number of teaching hours/lecture hours, tutorial hours, practical conduct hours, etc involved)
  - vi. and evaluation components (nature and number of assignments, tutorials, tests, etc.) for the entire programme.
  - vii. Identify also the modules / courses that may be studied either as part of the programme or may be taken up independently.
  - viii. the syllabus to be considered under each course included in a given programme, specify the objectives of each course.
  - ix. Break up the syllabus of each course into smaller components called 'Units' and state the Specific Learning Outcomes (SLO) for each Unit.
  - x. Considering the nature of content to be studied for each course, number of lectures / practical's to be conducted and
  - xi. the evaluation components to be completed under each course, distribute the credit points among the different course components of the programme to be completed in a given year.
  - xii. As a thumb rule, each course should normally be in the range of 4 to 6 Credit Points.
  - xiii. Allocate the course wise credits based on an estimate of the number of *hours that would be required by an average learner to fulfill the basic requirements of the course including time spent on attending lectures, preparing for all the evaluation components, etc.*(*learner's workload* = Learning hours).
  - xiv. Credits should also be allocated to all the units included within a given course - for compulsory or core courses as well as elective courses.
  - xv. Credits should also be allocated to project work, thesis, industrial placements, etc where these components are a part of a degree programme,

### **3.2 At the institutional level:**

- i. Programme wise catalogues should be prepared in detail for all the academic programmes offered by the institution.

- ii. Apart from basic information regarding admission procedure, fees to be paid, eligibility criteria, academic calendar and overall programme structure,
- iii. each catalogue should contain other details like course choices available, course wise syllabi, course wise learning outcomes (what learners are expected to know, understand and be able to do after studying a given course)
- iv. and workload (the time learners typically need to achieve the learning outcomes), expressed in terms of credits.
- v. The programme wise catalogues thus prepared should be published in print form as well as made available on the web for open and transparent dissemination of information to all.
- vi. An internal Coordination Committee should be established to handle all matters related to the implementation of the Credit System. Apart from assisting in inter-departmental coordination, this Committee should also look into matters like inter-institutional credit transfer arrangements and course equivalence with the assistance of the concerned departments/officials from the university.
- vii. Transcript of record describing learning achievements of the concerned learner may be given in proforma on demand while seeking admission for higher studies.

## 4. Basic Concepts

### *Some Key Terms*

#### **i. Program:**

A 'Program' is a set of courses that are linked together in an academically meaningful way and generally ends with the award of a Certificate or Diploma or Degree depending on the level of knowledge attained and the total duration of study. For example:

M-Pharm (Pharmaceutics)

M-Pharm (Pharmacology)

M-Pharm (Pharmaceutical Chemistry)

M-Pharm (Quality Assurance Techniques)

M-Pharm (Pharmacognosy) are Programs, not Courses.

#### **ii. Course:**

A 'course' in simple terms corresponds to the word 'subject' used in many universities. A course is essentially a constituent of a 'program' and may be conceived of as a composite of several learning topics taken from a certain knowledge domain, at a certain level. All the learning topics included in a course must necessarily have academic coherence, that is, there must be a common thread linking the various components of a course.

#### **iii. Units:**

A course consists of units, and unit consists of topics.

#### iv. Credit Point:

This has a reference to the 'Workload' of a learner and is an index of the number of learning hours deemed for a certain segment of learning. These learning hours may include a variety of learning activities like *reading, reflecting, discussing, attending lectures / counseling sessions, watching especially prepared videos, writing assignments, preparing for examinations, etc.* Generally, a system of assigning Credit Points (CP) for a single course is practiced in most countries across the globe. Credits assigned for a single course always pay attention to how many hours it would take for an average learner to complete a single course successfully. *The fallacy of assigning credits to a course purely based on how many lectures (teaching hours) are conducted for a learner at a certain level needs to be avoided. 1 credit is construed as corresponding to approximately 15 learning hours.*

*Viz: lectures conducted are the teaching hours which are not equal to learning hours.*

#### v. Credit completion and Credit accumulation:

Each program is assigned a credit number which is maximum for example

*As per Pune university*

*M Pharm program which is partly by paper partly by research*

*the learner has to earn 100 credits with average credit of 25 to be earned in each of the semester. The proportion of laboratory work shall be around 40% of total credits. The first two semesters are by paper, and two semesters are by research.*

Total credits	Sem I	SemII	SemIII	Sem IV
100	52		48	
	6 Theory courses X 4 credits =24 credits 2 Theory courses X 3 credits =06credits 3 Practical courses X 4 credits=12credits 2 Seminar=04 credits Research work=06 credits		Seminar on Research topic=4 credits Seminar on recent trends in Pharmaceutical Sciences=4 credits Research work=18 credits	Seminar on dissertation =4 credits Research work=18 credits
	Total=52 credits		Total=48credits	

*One semester is about 19 to 20 weeks including examination days and period for preparation for examination.*

#### vi. Credit Point (CP):

*ONE credit point is equivalent to 15 clock hours of workload of learner calculated as teacher-student contact per semester.*

*workload of learner = Lecture hours (Face to face teaching) + notional learner work load*

*Thus if a student has attended all the classroom teaching or lectures for a course it does not mean that he has earned 100% credit assigned for the course as it has to include the notional workload of the learner.*

*Notional workload of the learner includes reading, discussions, assignments etc. It is evaluated by preparing spread sheet having well defined parameters that should reflect the participation in the classroom teaching and further learning by the student.*

*The proportion of face to face and notional may vary from course to course.*

*e.g: Suppose a course has been assigned 04 credits to be earned over a period of one semester.*

*4 credits = 60 hours in 15 weeks= 04 hours per week*

*4 credits = 120 hours in 15 weeks = 08 hours per week*

*The hours per week should not be considered as no of lectures per week.*

*The proportion may vary 50; 50 or 75; 25 or 25; 75 etc depending on the type of course.*

*e.g. Biopharmaceutics-the notional learner load can be in the form of tutorials as numerical problem*

*Regulatory affair it can be a case study/field work/mini presentation etc.*

Thus credit completion or acquisition of credit is ***necessary for the grant of term.***

However acquisition of 75 % credit cannot be considered adequate to grant the term.

*Credit allotted= credit earned=term granted*

*A model Credit structure for four semesters Program:*

	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Course 7 Seminar	Course 8 Research work
sem I	4	4	4	4	4	3	2	--
Sem II	4	4	4	4	3	--	2	6
Sem III	----- 26* -----							
Sem IV	----- 22* -----							

\*the credit will be earned by progress of research project

As (01 credit=15 hours)

18+18 credits in sem III or IV will be very less time span to get a research project completed

If we presume that a student spends 5 -6 hour in research related work.

6x 6=36 hours per week or 36x 20=720 hours per sem=25 credits Thus for earning one credit in research a student has to work for 25 to 30 hours

Thus 01 credit=25-30 hours spent in research & related work

***The level of performance of a student in the form of marks or grade has no bearing on the no of credits earned collected by the student.***

*Thus each course of an academic program that has been assigned specific credit points also has a certain scheme of learner evaluation as well as certain specific criteria defining successful completion. Credit completion or Credit acquisition may*

*be considered to take place after the learner has successfully cleared all the evaluation criteria with respect to a single course.*

**vii. Credit Transfer:**

Apart from maintaining an account of credits acquired by a learner over a period of time for a wide range of courses, the main idea behind implementing the credit system is to make provision for learner mobility. Credit Transfer means that credits earned at one institution for one or more courses under a given program are accepted under another program either by the same institution or another institution.

**viii. Grading:**

The word Grade is derived from the latin word gradus, meaning ,step. Grading, in the educational context is a method of reporting the result of a learner's performance subsequent to his evaluation. It involves a set of alphabets which are clearly defined and designated and uniformly understood by all the stake holders. A properly introduced grading system not only provides for a comparison of the learner's performance but it also indicates the quality of performance but it also indicated the quality of performance with respect to the amount of efforts put in and the amount of Knowledge acquired at the end of the course by the learners.

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**5. Evaluation System**

The continuous evaluation is the soul of credit and grading system therefore Assessment consists of

*a) In semester continuous assessment and*

*b) End semester assessment.*

**The scheme of Examination shall be divided into two parts:** an *In semester continuous assessment and End semester assessment* (semester end examination). *In semester continuous assessment* includes Assignments, Seminars, Case Studies, Quizzes, Viva, Open book test, Unit Tests etc..

<i>In semester continuous assessment</i>	<i>End semester assessment</i>	Total (for each course or head of passing)
50 %	50%	100%

***In semester continuous assessment*** of 50 % for each course will be as follows:

**a. Course: Theory**

Sr. No	Evaluation type	Marks	Test
1	Assignments/Short Quiz/ <i>mini</i> Project / Term paper/ Extension work (Any two) Active participation in routine class instructional deliveries(Open book test/ seminars/ presentation) One case study	10 05 05	I
2	One Unit Test (multiple choice questions objective/descriptive)	30	II

**b. Course: Practical**

Sr. No	Evaluation type	Marks	Test
1	Individual Practical (all practicals) (Day to day assessment) Viva Jounal	10 05 05	I
4	Internal Practical exam	30	II

**c. Course: Seminar**

Sr. No	Evaluation type	Marks
1	Ref work & Scientific contents	10
2	Communication skill	05
3	Discussion /Defence	05
4	Presentation	30

**Structuring of the program in terms of units is necessary. The units to be examined are to be notified for *In semester continuous assessment* time to time. Every unit needs to be included in tests/continuous evaluation step by step.**

**All units are to be included in the *End semester assessment*.**

**Illustration:****Course: Theory:**

Test I									
Paper/ Course	Cr	Assignments/Short Quiz/miniProject / Term paper/ Extension work (Any two)	Active participation in routine class instructional deliveries(Open book test/ seminars/ presentation) One case study	Unit  Test	Internal  50	External  50	Total  50/100	Grade  Point	Letter  grade
	4	10	10	30	20/50	20/50	50/100		
I	4	7	7	20	34	40	74	5	A

**PERFORMANCE GRADING:****For converting marks in to Grade point**

Grade	Marks out of 100	Marks out of 50	Grade Points
O: Outstanding	100 to 75	50 to 38	6
A: Very Good	74 to 65	37 to 33	5
B: Good	64 to 55	32 to 28	4
C: Average	54 to 50	27 to 25	3
D: Satisfactory	49 to 45	24 to 22	2
E: Pass	44 to 40	21 to 20	1
F: Fail	39 to 0	19 to 0	0

**Final Grade Points:**

Grade Points	Grade
05.00-6.00	O
04.50-04.99	A
03.50-04.49	B
02.50-03.49	C
01.50-02.49	D
00.50-01.49	E
00.00-00.49	F

**Mode of conduct of Internal Assessment for Additional Examination****Class test or assignment for Internal Assessment:**

If a student misses an internal assessment examination he/she will have a second chance with the permission of the Principal in consultation with concern teacher. Such a second chance shall not be the right of the student.

In case he/she wants to repeat internal assessment he/she can do only by registering for the said courses during the 3<sup>rd</sup> and 4<sup>th</sup> Semester.

**Calculations of SGPA & CGPA**

The formula for GPA will be based on weighted average. The final GPA will not be printed unless a student passes courses equivalent to 100 credits.

(i) Semester Grade Point Average (SGPA) =

$$\text{SGPA} = \frac{\sum_{i=1}^F C_i G_i}{\sum_{i=1}^F C_i}$$

$$\text{SGPA} = \frac{\sum \text{Grade Points Earn} \times \text{Credits for each course}}{\text{Total Credits}}$$



(ii) Cumulative Grade Point Average (CGPA) =

$$\text{CGPA} = \frac{\sum_{i=1}^F C_i G_i}{\sum_{i=1}^F C_i}$$

$$\text{SGPA} = \frac{\sum \text{Total Points Earned} \times \text{Credits for each course}}{\text{Total Credits}}$$

If the GPA is higher than the indicated upper limit in the three decimal digit then the student be awarded higher final grade (e.g. a student getting GPA of 4.492 may be awarded 'A')

There will be only final compilation and moderation at GPA (Final) level done at the department. While declaring the result the existing relent ordinances are applicable. There is also a provision for verification and revaluation. In case of verification, the existing rules will be applicable. The revaluation result will be adopted if there is a change of at least 10 % marks and in the grade of course.

#### Grade card:

The grade card will reflect the marks obtained by the learner, Credit points of the individual Course as well as Semester, conversion of marks into grades, calculation of SGPA for each individual semester and the CGPA for the complete Programme at the end of the final semester.

#### A model proforma:

Courses in the semester	Marks obtained	Grade	Grade Points	Credit(C)per course	Credit Earned	CG=(C×G)	SGPA= ΣCG/ ΣC
Course-I							
Course-II							
Course-III							
Course-IV							
Course-V							
Course-VI							
<b>Total Credits=</b>					<b>ΣC=</b>	<b>ΣCG=</b>	<b>Grade=</b>



**University of Pune**  
**ABC College of Pharmacy**  
**Address**  
**GRADE CARD**

College logo

**Programme: M. Pharm (Pharmaceutics)**

**Semester: First Semester**

Photo

Examination Seat No.	Name of the candidates	Month & Year of examination

Course Code	Course Title	Marks Obtained		Marks (100)	Grade	Grade Point	Credit Point	CG=CXG	GPA=	
		Int.Asst (50)	Ext.Asst (50)						ΣCG/	ΣC
M.1.1	Advanced analytical Techniques	30	35	65	A	5	4	20	5.4	
M.1.2	Advanced analytical Techniques(Practical)	35	40	75	O	6	4	24		
M.1.3	Research Methodology	35	35	70	A	5	4	20		
M.1.4	Advanced Pharmaceutics	40	44	84	O	6	4	24		
M.1.5	Advanced Pharmaceutics(Practical)	45	40	85	O	6	4	24		
E.1.4	Elective I (SPT)	35	32	67	A	5	3	15		
	Seminar	32		32/50	B	4	2	08		
							ΣC=25	ΣCG=135	Grade=O	
Remarks: Passes Credit Earned: 25						SGPA=5.4				

Result Declared on:

Chairperson (exam)

Principal



Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.

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**S.P.P.U Ph. D. COURSE WORK  
FOR  
PHARMACEUTICAL SCIENCES  
(EFFECTIVE FROM ACADEMIC YEAR 2019-2020)**

**SAVITRIBAI PHULE PUNE UNIVERSITY**

**FACULTY OF SCIENCE AND TECHNOLOGY**



**RULES AND SYLLABUS OF  
Ph. D. COURSE WORK  
FOR  
PHARMACEUTICAL SCIENCES  
(EFFECTIVE FROM ACADEMIC YEAR 2019-2020)**

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**1. OBJECTIVES OF THE Ph. D. COURSE WORK (SUBJECT:  
PHARMACEUTICAL SCIENCES)**

The Faculty of Science and Technology, Savitribai Phule Pune University, Pune has a mission to develop high quality scientific specialists having strong base of principles of Pharmaceutical sciences and the scientific methods, deep understanding of their chosen areas of specialization, the motivation to learn continually, interact with multi-disciplinary groups and to handle new challenges offered by the front-end technologies.

The Ph. D. course work is designed to impart knowledge and consolidate concepts and intellectual skills through courses and seminars which help the scholars to develop the capacity for free and objective enquiry, courage and integrity, awareness and sensitivity to the needs and aspirations of the society. The course work provides the candidates an enabling research experience thus helping them to enter their professional life with right perspective and knowledge related to their respective fields of specialization.

## 2. RULES AND REGULATIONS

- The Ph. D course work is mandatory for all the candidates who are registered for Ph. D. programme (University Grants Commission's, Minimum Standards and Procedure for Award of M.PHIL./PH.D Degrees) Regulations, 2016 and Savitribai Phule Pune University, Pune circular PGS/144 Dated 09th January 2017).
- Admitted candidates shall be required to undertake course work organized by the Research Centre as the case may be.
- If found necessary, course work may be carried out by doctoral candidates in sister departments/institutes either within or outside the University for which due credit will be given to them.
- Only on the successful completion of the **Ph. D course work** and on producing the **certificate by Head, Place of Research**, the candidate will be allowed to submit his/her thesis to the Savitribai Phule Pune University, Pune.

### **3. Ph. D. COURSE WORK STRUCTURE (SUBJECT: PHARMACEUTICAL SCIENCES)**

- The Ph.D. course work shall be offered with credit system.
- The course work will be for a minimum period of one semester and shall be treated as pre Ph.D. preparation
- The course work will have total 16 credits of minimum six months duration.
- 04 credits for Research Methodology which includes research methodology, quantitative methods, computer application, tools and techniques including instrumentation, communications skills, seminar presentation and review of published research
- 08 credits for subject specific (2 subjects of specialization) course work.
- 04 credits for writing of research proposal for obtaining financial assistance from National funding agencies, writing of review article in the area of research work and seminar.



Particulars of Course	Learning hours	Examination type	Examination scheme	Credits
			Continuous assessment	
Research Methodology (Quantitative methods, Computer applications, research ethics and review of published research in the relevant field, training, field work, etc)	04	Theory	50	04
Writing of Research Proposal For obtaining financial assistance from national funding agencies	01	Theory	10	01
Writing of Review	01	Theory	10	01
Seminar	04	Presentation	30	02
Subject specialization - 1	04	Theory	50	04
Subject specialization - 2	04	Theory	50	04
<b>Total</b>			<b>200</b>	<b>16</b>

As per the philosophy of Credit Based Semester System, the academic works are measured in terms of credits. On satisfactory completion of the course, a candidate earns credits (SPPU Circular No. 126/2018, Ref: CB/Pharm/760, Dated 23/07/2018 )

#### **4. EVALUATION/ASSESSMENT METHODS FOR PH.D COURSE WORK**

##### **(SUBJECT: PHARMACEUTICAL SCIENCES)**

- The Head, Place of Research will conduct the continuous assessment exam during the course work at the research centre.
- The Head, Place of Research will be responsible for appointing the examiners, setting up the question papers, conducting the exams, evaluation of answer sheets and declaration of the results for the Ph. D course work.
- The continuous assessment exam will be for all courses.
- The faculty member responsible for the evaluation of the course work should be a recognized P.G. teacher/ Ph. D. guide from the Savitribai Phule Pune University, Pune..
- The research centre will have to conduct the continuous assessment exam and the percentage of the marks of the exam will have to be converted into the final grade.
- The candidate should pass in all the subjects of the Ph. D. course work
- The Grade 'B' is passing grade. The candidate acquiring minimum "B" grade shall be declared to "Pass" the course work.
- If the candidate is declared "Pass" in all the subjects of the course work he/she should assign grade on the final marksheet.
- The candidate should be given credit points according to his/her learning hours for the specific subjects of the Ph. D. course work.

**5. SCHEME FOR AWARD OF GRADES/MARKS FOR PH. D. COURSE WORK**  
**(SUBJECT: PHARMACEUTICAL SCIENCES)**

**Award of grade for theory based exam:**

Sr. No.	Range of marks (%)	Grade
1	>75 %	O
2	74 % - 65 %	A
3	64% - 50 %	B
4	Below 50%	C (Detained and repeat course work)

**Evaluation criteria for seminar:**

Particulars	Marks
Literature survey	10
Presentation skills	10
Defense	10
Total	30

**Award of grade for seminar:**

Sr. No.	Range of marks (%)	Grade
1	26-30	O
2	20-25	A
3	15-19	B
4	Below 15	C (Detained and repeat course work)

**Award of final grade**

% Marks Obtained	Grade	Result
50 % and above	P	Pass
Less than 50 %	F	Fail

**6. SAMPLE MARKSHEET**  
**Savitribai Phule Pune University, Pune**

- **Name of the Research Center :**
- **Name of the Candidate:**
- **Subject:**
- **Faculty:**

**Statement of the Marks**

<b>Sr. No.</b>	<b>Name of the subject</b>	<b>Marks allotted</b>	<b>Marks obtained</b>	<b>% Marks</b>	<b>Grade obtained</b>	<b>Number of credits earned</b>
1	Research Methodology	50				
2	Subject specialization - 1	50				
3	Subject specialization - 2	50				
4	Writing of Research Proposal	10				
5	Writing of Review	10				
6	Seminars including writing of proposal and review	30				
	<b>Total</b>	200				

The candidate acquiring minimum 'B' grade shall be declared to pass the course work

**Seal of the Institute**

**(Name and Signature Head Place of Research)**

**Date:**

**Place:**

Note: The Head, Place of Research should issue this certificate on institute's letter head only

## 7. SAMPLE RESEARCH CENTRE CERTIFICATE

### *Certificate*

This is to certify that Mr/Ms/Mrs.....(Surname).....(First name)  
.....(Second name) has undergone Ph. D. course work in the subject  
..... under the faculty of Science and Technology conducted at our  
recognized research centre. He /She has successfully completed the Ph.D. course work as  
prescribed by the Savitribai Phule Pune University, Pune. The details are as under.

Grade obtained	No. of credits earned	Result

**Name and Signature Research guide**

**Name and Signature Head Place of Research**

**Seal of the Institute**

Note: The Head, Place of Research should issue this certificate on institute's letter head only.

## **Syllabus for Ph.D course work - Research Methodology**

**Contact Hours : 10**

**No. of Credits : 05**

---

### **1. Scientific Research:**

*Research: Definition, Characteristics, types, need of research. Identification of the problem, assessing the status of the problem, formulating the objectives, preparing design (experimental or otherwise), Actual investigation.*

### **2. Literature survey:**

*References, Abstraction of a research paper, Possible ways of getting oneself abreast of current literature*

### **3. Documentation and scientific writing**

*Results and Conclusions, Preparation of manuscript for Publication of Research paper, Presenting a paper in scientific seminar, Thesis writing. Structure and Components of Research Report, Types of Report: research papers, thesis, Research Project Reports, Pictures and Graphs, citation styles, writing a review of paper, Bibliography*

### **4. Computer applications and Statistics:**

*Use of word processing, spreadsheet and database software. Plotting of graphs. Internet and its application: E-mail, WWW, Web browsing, acquiring technical skills, drawing inferences from data, Introduction to Statistics – Probability Theories - Conditional Probability, Poisson distribution, Binomial Distribution and Properties of Normal Distributions, Estimates of Means and Proportions; Chi Square Test, Association of Attributes t Test – Anova, Standard deviation Coefficient of variations. Co relation and Regression Analysis.*

### **5. Communication skills**

*Meaning and importance of communication, Objectives of Communication. Need for Communication. Types of communication , Written & Verbal communication.*

*language as a tool for communication. Developing effective messages: Thinking about purpose, knowing the audience, structuring the message, selecting proper channel. Scope & Significance. Forms of Technical Communication.*

**(Pharmaceutical Product Development)**

1. **Preformulation studies:** Preformulation studies of drug substances, proteins and peptides. Preformulation work sheet.
2. **Complexation:** Metal and organic molecular complexes, inclusion compounds with reference to cyclodextrins, methods of analysis.
3. **Solubilization:** Solubility and solubilization of nonelectrolyte, drug solubilization in surfactant systems, use of co-solvents, solid-state manipulations and drug derivitization.
4. **Optimization:** Statistical methods and factorial design, Quality By Design.
5. **Stability :** Stability of dosage forms as per ICH guidelines
6. **Solid State Pharmaceutics**

**Molecular Level :** Crystallinity , crystal habit, polymorphism, amorphous state, solvates, hydrates, analytical techniques for characterization( DSC, PXRD, SEM, FTIR), molecular modeling in solid state characterization- case studies and regulatory perspective

**Particle level :** Particle size, particle shape, porosity, surface area, compaction, particle engineering in pharmaceuticals and relevance in doses form designing

**Bulk level :** Bulk density, compressibility, flow properties, compaction and consolidation cohesivity, electrostatics, aggregation, agglomeration, role in formulation development and processing.



Contact Hrs. - 10

No. of Credits - 05

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**(Biopharmaceutics and Pharmacokinetics)**

1. ADME, Pharmacokinetic characterization of drugs: Absorption rate constants (Wagner-Nelson, Loo- Reigelman methods), limitations, lag-time, pharmacokinetics in presence of lag-time; Flip-flop model.
2. Protein and tissue binding, factors effecting protein binding, kinetics of protein binding, determination of rate constants and different plots (direct, scatchard and reciprocal); Significance volume of distribution, implications and in vitro methodologies
3. Chronopharmacokinetics; Drug toxicity and forensic, pharmacokinetics; Case study; Pharmacokinetics in elderly; Drug dosage in children, obese patient; First dose size; Kinetics of maternal-fetal drug transfer; Pharmacokinetics- pharmacologic/clinical response; Distribution kinetics; Metabolic kinetics; Dose and time dependencies; Turnover concepts; Small volume of distribution; Dialysis.
4. Drug disposition, renal clearance, mechanism of clearance , clearance ratio, determination of clearance, hepatic clearance, % drug metabolized, relationship between blood flow, intrinsic clearance, and hepatic clearance.
5. Pharmacokinetics of multiple dosing, dosage regimen design based on mean average, minimum and maximum, plasma/serum concentrations, limited fluctuation methods; Repeated one point method; Dosage adjustment in disease patients.

<b>Syllabus for Ph.D in Pharmaceutical Chemistry under faculty of Pharmaceutical Sciences</b>
---

**Subject 1: Pharmaceutical Chemistry**

**Learning Hours: 10**

**No. of Credits: 05**

---

**1. Pharmaceutical Organic Chemistry**

Methods of determining reaction mechanisms (kinetic and non-kinetic methods); Energy profile diagrams, reaction intermediates, crossover experiments and isotopic labelling; Order of reactions, reversible, consecutive and parallel reactions, solvent, ionic strength and salt effects; Multi-component reactions of pharmaceutical importance such as Biginelli reaction, Hantzsch reaction, Ugi reaction, Passerini reaction and Strecker synthesis.

**2. Pharmaceutical Medicinal Chemistry**

General principles, Identification and study of targets for development of various therapeutic agents, Rational approach for drug design, Computer aided drug design, Study of recently developed drugs and molecules in development pipeline.

## **Subject 2: Pharmaceutical Analysis**

**Learning Hours: 10**

**No. of Credits: 05**

---

1. Principles, methods, interpretation of data and pharmaceutical applications of various analytical techniques like UV-Visible, IR, NMR spectroscopy; Mass spectrometry; GC, HPLC, HPTLC, Flash Chromatography and hyphenation.
2. Assay of drugs and metabolites in pharmaceuticals and biological fluids.
3. Analytical and bioanalytical methods validation using ICH Guidelines.

Syllabus for Ph.D. course work – Advanced Pharmacology I

Contact Hours: 10

No. of Credits: 05

---

01 Detailed study of guidelines for maintenance, breeding techniques and experimentation using laboratory animals:

- a) CPCSEA
- b) OECD
- c) ICH
- d) GLP
- e) ICMR
- f) Guidelines according to official compendia

02 Recent advances in Transgenic and Knockout animals.

03 Organization of screening: Pharmacological activity of new substances and safety assessment tests.

04 Toxicity studies: acute, subacute (Repeated dose), subchronic and chronic toxicity.

05 Alternatives to animal experimentation:

- a) Animal cell lines and their uses
- b) Radioligand binding assay
- c) Patch clamp and ELISA
- d) Stem cell research etc.

06 Introduction to Pharmacogenomics, Proteomics and Array technology

Syllabus for Ph.D. course work – Advanced Pharmacology II

Contact Hours: 10

No. of Credits: 05

---

Fundamentals of Molecular mechanism of drug action:

01 Receptor occupancy and cellular signaling systems such as G-proteins, cyclic nucleotides, calcium and calcium binding proteins, phosphatidyl inositol. Ion channels and their modulators.

02 Endogenous bioactive molecules: Cytokines, neuropeptides and their modulators, neurosteroids, nitric oxide, phosphodiesterase enzyme and protein kinase C, arachidonic acid metabolites, COX-2 regulators and their role in inflammation, endothelium derived vascular substances (NO, endothelins) and their modulators. Pharmacology of atrial peptides, reactive oxygen intermediates, antioxidants and their therapeutic implications.

03 Recent trends on different classes of receptors and drugs acting on them:

- a. Angiotensin receptors
- b. Excitatory amino acid receptors
- c. Kinin receptors
- d. Adrenoceptors
- e. Low molecular weight heparins, hirudins and GP II/IIIa receptor antagonists
- f. Imidazole receptors
- g. Cholinergic receptors
- h. Dopamine receptors
- i. Serotonin receptors
- j. Hormone receptors
- k. GABA and Benzodiazepine receptors
- l. Opioid receptors
- m. Purinergic receptors
- n. Glutamate receptors

04 Ion channel and their modulators: calcium, potassium, sodium and chloride channels.

05 Apoptosis: basic functions, mechanisms and role of caspases. pharmacological and clinical implications.

06 Adhesion therapy and cardiac and vascular remodeling.

07 Basic Concepts of Chronopharmacology and their implications to Drug Therapy.

08 Immunopharmacology: antibody dependent and cellular cytotoxicity. Monoclonal antibodies and its importance.

09 Gene therapy: Concept of gene therapy and recent development in the treatment of various hereditary diseases. Human genome mapping and its potential in drug research.

10 Techniques for the study of Molecular Pharmacology: Western Blotting, Immunostaining, RT-PCR, Cloning, RIA, Cell Cultures etc.

## **Syllabus for Ph.D course work - Pharmacognosy – I**

**(Natural product Drug discovery)**

**Contact Hours : 10**

**No. of Credits : 05**

---

**1.** Introduction, use of natural products in traditional medicines, potential of natural products, Natural products in drug discovery and development.

**2. Recent development in the research on Natural medicinal products: -**

*Introduction, Biological and Pharmacological activities, Isolation and characterization studies of different class of Phytoconstituents (Alkaloids, Glycosides, Steroids, Saponins etc).*

**3. Natural product drug discovery from different sources (Marine , Microbial, Mineral etc) :**

*Introduction, recent development, methods of extraction and isolation, applications etc*

**4. Extraction and Isolation techniques:**

*Introduction, Principle and Applications of different extraction & isolation methods viz Soxhlet extraction, microwave extraction, supercritical fluid extraction, solid phase extraction, Column chromatography, Flash chromatography etc.*

## **Syllabus for Ph.D course work - Pharmacognosy – I**

**(Herbal Drug Formulation and Evaluation)**

**Contact Hours : 10**

**No. of Credits : 05**

---

### **1. Overview of Novel herbal formulations :**

*Phytosomes, Liposomes, Microspheres, novel vesicular herbal formulations etc*

### **2. Standardization of herbal drugs/formulations :**

*Conventional methods, Modern techniques (Role of genetic markers, RAPD, DNA fingerprinting technique etc)*

### **3. WHO Guidelines for assessment of crude drugs**

*Evaluation of identity, purity, and quality of crude drugs.*

*Determination of pesticide residue*

*Determination of Micro-organisms*

*Determination of Arsenic and heavy metals*

### **4. Herbal Drug Regulatory affairs**

*Role and importance of national and international regulatory bodies in assessment of quality of herbal drugs and formulations.*



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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## **i) CURRICULAR PLANNING**

**ACADEMIC CALENDARS -S.P.P.U**



## **University Academic Calendar 2022-2023**

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

**Circular No. 38 of 2023**

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

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

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

**NOTE :**

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

  
**Deputy Registrar**  
(P.G.Admission)

Ref. No. PGS/ 1188

Date: 06/03/2023

**Copy to: for Information and necessary action**

The Members of the Management Council.

The Deans of Faculties.

The Registrar, Savitribai Phule Pune University, Pune.

The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.

The Heads of all University Departments.

The Principals of all Affiliated Colleges.

The Directors of all Recognized Institutes.

The Heads of all the Administrative Sections of the University Office.

Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pu

Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phul



## **University Academic Calendar 2021-2022**

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



**Circular No. 278 of 2021**


**Revised Dates of Commencement and Conclusion of Engineering, Architecture and  
Pharmacy for the Academic Year 2021-2022  
For Affiliated Colleges/Recognised Institutes**

It is hereby informed that, the revised dates of commencement and conclusion of the Courses, under the faculty of Engineering, Architecture and Pharmacy for the academic year 2021-22 shall be as under :

Name of the Faculty	Name of the Courses	Year	Revised 2021 - 2022			
			First Term		Second Term	
			Commencement	Conclusion	Commencement	Conclusion
Science & Technology	Engineering	TE, BE	02/08/2021	30/11/2021	03/01/2022	26/04/2022
	B.Architecture	III, IV & V	15/06/2021	04/12/2021	03/01/2022	30/04/2022
		II	20/08/2021	10/12/2021	03/01/2022	30/04/2022
	B. Pharmacy	III & IV	17/08/2021	18/12/2021	03/01/2022	10/05/2022
		II	23/08/2021	18/12/2021	03/01/2022	10/05/2022
	M. Pharmacy	II	23/08/2021	18/12/2021	03/01/2022	15/05/2022

**NOTE**

1. All Programmes shall be conducted in Online Mode until further notice.
2. In view of prevailing COVID-19 situation in the Country, Colleges / Institutes shall required to follow the guidelines / instructions issued by the Government of Maharashtra from time to time.

  
Deputy Registrar  
(P.G. Admission)

Ganeshkhind, Pune-07  
Ref. No. PGS/ 3578  
Date: 29/09/2021

**Copy to:**

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

**Copy to: for information**

The Members of the Management Council, Savitribai Phule Pune University,  
The Registrar, Savitribai Phule Pune University, Pune.  
The Deans of Faculties, Savitribai Phule Pune University, Pune.



  
**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursai College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.

## **University Academic Calendar 2020-2021**





**Circular No. 284 of 2020**

**Important Notification**

**Dates of Commencement and Conclusion of I<sup>st</sup> & II<sup>nd</sup> terms for the Academic Year 2020-2021  
For affiliated Colleges/recognised Institutes Only.**

It is hereby informed that, the dates of Commencement and conclusion of the I<sup>st</sup> and II<sup>nd</sup> term of for the Academic Year 2020-2021 University Courses, under various faculties shall be as under :

**Dates of Commencement and conclusion of First Year of academic session 2020-21 will be declared later.**

Sr. No.	Name of the Courses and Faculties	2020-2021			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	<b>Science &amp; Technology</b>				
	Science	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	Engineering : SE,TE,BE	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	Engineering :ME - II Year. MCA- II & III Year	01/07/2020	24/12/2020	19/01/2021	31/05/2021
	B.Architecture II, III, IV & V Year.	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	M. Architecture II Year.	01/07/2020	24/12/2020	19/01/2021	31/05/2021
	B. Pharmacy	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	M. Pharmacy	01/07/2020	24/12/2020	19/01/2021	31/05/2021
2	<b>Commerce &amp; Management</b>				
	Commerce	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	Management	01/07/2020	24/12/2020	19/01/2021	31/05/2021
3	<b>Humanities</b>				
	Arts & Fine Arts	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	Mental Moral and Social Sciences				
	Law : UG & PG ( II/III/IV/V Year.)	01/07/2020	24/12/2020	19/01/2021	31/05/2021
4	<b>Inter-disciplinary Studies</b>				
	Education II Year. (B.Ed., M.Ed.)	01/07/2020	24/12/2020	19/01/2021	31/05/2021
	Physical Education II Year. (B.P.Ed., M.P.Ed.)	01/07/2020	24/12/2020	19/01/2021	31/05/2021

NOTE

1. In view of prevailing COVID-19 situation in the Country, Colleges / Institutes shall required to follow the guidelines / instructions issued by the Government of Maharashtra time to time.
2. In case, the Principal of the affiliated Colleges require to give additional holiday in exceptional circumstances, he may do by the compensating the same by keeping the College working on Sunday.
3. The Term & holidays for the Post-Graduate courses coundected in the Colleges/Institutes will be as per the University Department.

  
Deputy Registrar  
(P.G.Admission)

Ganeshkhind, Pune-07

Ref. No. PGS/ 1817

Date: 15/10/2020

Copy to: for Information and necessary action

The Members of the Management Council.

The Deans of Faculties.

The Registrar, Savitribai Phule Pune University, Pune.

The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.

The Heads of all University Departments.

The Principals of all Affiliated Colleges.

The Directors of all Recognized Institutes.

The Heads of all the Administrative Sections of the University Office.

Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University

Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University



  
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Pune District Education Association's  
Shankarrao Ursai College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.

## **University Academic Calendar 2019-2020**



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



**Circular No. 77 of 2019**

**Dates of Commencement and Conclusion of terms for the Academic Year 2019-2020**  
**For affiliated Colleges/recognised Institutes Only.**

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of University Courses, under various faculties, for the academic year 2019-2020 shall be as under :

Sr. No.	Name of the Courses and Faculties	2019-2020			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	<b>Science &amp; Technology</b>				
	Science	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	Engineering : SE,TE,BE & MCA- II, & III Year	15/06/2019	05/11/2019	16/12/2019	27/04/2020
	Engineering :ME - II Year.	01/07/2019	09/11/2019	13/01/2020	23/05/2020
	B.Architecture II, III, IV & V Year.	15/06/2019	16/10/2019	09/12/2019	04/04/2020
	M. Architecture II Year.	08/07/2019	02/11/2019	09/12/2019	04/04/2020
	B. Pharmacy	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	M. Pharmacy	01/07/2019	07/12/2019	01/01/2020	15/05/2020
2	<b>Commerce &amp; Management</b>				
	Commerce	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	Management	01/07/2019	07/12/2019	01/01/2020	15/05/2020
3	<b>Humanities</b>				
	Arts & Fine Arts	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	Mental Moral and Social Sciences				
	Law : UG & PG ( II/III/IV/V Year.)	01/07/2019	07/12/2019	17/01/2020	31/05/2020
4	<b>Inter-disciplinary Studies</b>				
	Education II Year. (B.Ed., M.Ed.)	01/07/2019	07/12/2019	01/01/2020	15/05/2020
	Physical Education II Year. (B.P.Ed., M.P.Ed.)	01/07/2019	07/12/2019	01/01/2020	15/05/2020

Teaching will begin on the date of commencement of the terms and immediately after the finalization of admissions; however, term would stand concluded on the dates mentioned above.

*[Signature]*  
24/11/2019

NOTE

1. In case, the Principal/Director of the affiliated Colleges/recognised Institutes require to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.
2. The Term & holidays for the Post-graduate courses conducted in the Colleges/Institutes will be as per the University Department.
3. Details of Various Activities for Engineering and Architecture Courses for the Academic Year 2019-20 attached Separately.




  
Deputy Registrar  
(P.G.Admission)

Ganeshkhind, Pune-07  
Ref. No. PGS/1355  
Date: 26/04/2019

Copy to: for Information and necessary action

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



  
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Sciences & Research Centre,  
Kharadi, Pune-411014.

## **University Academic Calendar 2018-2019**

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



**Circular No. 67 of 2018**

**Dates of Commencement and Conclusion of terms for the Academic Year 2018-2019  
For Affiliated Colleges Only.**

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of University Courses, under various faculties, for the academic year 2018-2019 shall be as under :

Sr. No.	Name of the Courses and Faculties	2018-19			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	<b>Science &amp; Technology</b>				
	Science	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	Engineering : SE,TE,BE & MCA- II, & III Year	15/06/2018	03/11/2018	17/12/2018	25/04/2019
	Engineering :ME - II Year.	02/07/2018	03/11/2018	15/01/2019	20/05/2019
	B.Architecture II, III, IV & V Year.	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	M. Architecture II Year.	02/07/2018	03/11/2018	17/12/2018	30/04/2019
	B. Pharmacy	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	M. Pharmacy	02/07/2018	03/11/2018	29/11/2018	15/05/2019
2	<b>Commerce &amp; Management</b>				
	Commerce	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	Management	02/07/2018	03/11/2018	29/11/2018	15/05/2019
3	<b>Humanities</b>				
	Arts & Fine Arts	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	Mental Moral and Social Sciences				
	Law : UG & PG ( II/III/IV/V Year.)	15/06/2018	03/11/2018	29/11/2018	30/04/2019
4	<b>Inter-disciplinary Studies</b>				
	Education II Year.	02/07/2018	03/11/2018	29/11/2018	15/05/2019
	Physical Education II Year.				

Teaching will begin on the date of commencement of the terms and immediately after the finalization of admissions; however, term would stand concluded on the dates mentioned above.



**NOTE**

1. In case, the Principal of the Affiliated Colleges require to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.
2. The Term & holidays for the Post-graduate courses conducted in the Colleges/Institutes will be as per the University Department.
3. Details of Various Activities for Engineering and Architecture Courses for the Academic Year 2018-19 attached Separately.

  
Deputy Registrar  
(P.G.Admission)

Ganeshkhind, Pune-07  
Ref. No. PGS/ 1333  
Date: 23/04/2018

Copy to: for Information and necessary action

The Members of the Management Council.

The Deans of Faculties.

The Registrar, Savitribai Phule Pune University, Pune.

The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.

The Heads of all University Departments.

The Principals of all Affiliated Colleges.


The Directors of all Recognized Institutes.

The Heads of all the Administrative Sections of the University Office.

Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University

Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University



  
**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursai College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**(ACADEMIC CALENDARS - COLLEGE)**

**(A.Y. 2018-19 to A.Y. 2022-2023)**



## Pune District Education Association's

**Shankarrao Ursal College of Pharmaceutical Sciences and Research Centre,  
Kharadi, Pune-14**



### ACADEMIC CALENDER: A.Y.- 2022-23

Sr. No.	EVENT		DATE
Term I			
1.	Commencement of First Term (Final, S Y. & T. Y. B. Pharm and S Y. M. Pharm)		July 2022 (4 <sup>th</sup> week)
2.	1 <sup>st</sup> Internal assessment (Final, S.Y., & T. Y. B. Pharm )		August 2022 (4 <sup>th</sup> week)
3.	1 <sup>st</sup> Sessional Exam- Practical & Theory (S.Y., T. Y., Final Year B. Pharm & S Y. M. Pharm)		September 2022 (3 <sup>rd</sup> week)
4.	Course Work Exam- I (Ph.D.)		September 2022 (3 <sup>rd</sup> week)
5.	World Pharmacists Day & Pharmacist Orientation Program		24/09/2022
6.	Diwali Vacation		22.10. 2022 to 30.10. 2022
7.	Commencement of First Term of F.Y. B. Pharm & F. Y .M. Pharm		November 2022 (1 <sup>st</sup> week)
8.	2 <sup>nd</sup> Internal assessment (S.Y., T. Y., & Final Year B. Pharm)		November 2022 (1 <sup>st</sup> week)
9.	Parent meet cum Induction program (F.Y. B. Pharm & F.Y.M. Pharm)		November 2022 (2 <sup>nd</sup> week)
10.	1 <sup>st</sup> Internal assessment (F.Y. B. Pharm)		November 2022 (4 <sup>th</sup> week)
11.	2 <sup>nd</sup> Sessional Exam- Practical & Theory (S.Y., T. Y., & Final Year B. Pharm)		November 2022 (4 <sup>th</sup> week)
12.	Course Work Exam- II (Ph.D.)		
13.	1 <sup>st</sup> Sessional Exam- Practical Theory (F.Y. B. Pharm, Direct S. Y. B. Pharm & F.Y.M. Pharm)		December 2022 (1 <sup>st</sup> week)
14.	Conclusion of First Term (Final, S.Y., T.Y., B. Pharm & S. Y .M. Pharm)		December 2022 (1 <sup>st</sup> week)
15.	2 <sup>nd</sup> Internal assessment (F.Y. B. Pharm)		December 2022 (4 <sup>th</sup> week)
16.	2 <sup>nd</sup> Sessional Exam- Practical & Theory (F.Y. B. Pharm & F. Y. M. Pharm)		January 2023 (1 <sup>st</sup> week))
17.	Conclusion of First Term	F. Y. B. Pharm and F. Y. M. Pharm	January 2023 (3 <sup>rd</sup> week)
18.	S.P.P.U Second Half Exam.	S.Y, T.Y & Final Year B. Pharm	Dec /Jan 2022-23.
	.	F. Y. B. Pharm and F. Y. M. Pharm)	January 2023
Term II			
19.	Commencement of 2 <sup>nd</sup> Term ( For S.Y, T.Y & Final Year B. Pharm classes)		January 2023 (1 <sup>st</sup> week)
20.	Commencement of 2 <sup>nd</sup> Term ( For F.Y. B. Pharm & F.Y.M. Pharm classes)		February 2023 (1 <sup>st</sup> week)
21.	Sport week		February 2023 (2 <sup>nd</sup> week)
22.	Days Celebration and Annual Day Celebration		February 2023 (3 <sup>rd</sup> week)
23.	NSS Camp		February 2023 (4 <sup>th</sup> week)
24.	1 <sup>st</sup> Internal assessment (F. Y., S.Y, T. Y. & Final Year B. Pharm)		March 2023 (1 <sup>st</sup> week)
25.	1 <sup>st</sup> Sessional Exam- Theory & Practical (F. Y., S.Y, T. Y., Final Year B. Pharm & F. Y. M. Pharm)		March 2023 (2 <sup>nd</sup> week)
26.	Parent Meet (S.Y, T. Y., Final Year B. Pharm & F. Y. M. Pharm)		March 2023 (4 <sup>th</sup> week)
27.	2 <sup>nd</sup> Internal assessment (F. Y., S.Y, T. Y. & Final Year B. Pharm)		April 2023 (1 <sup>st</sup> week)
28.	2 <sup>nd</sup> Sessional Exam - Theory & Practical (F. Y., S.Y, T. Y., Final Year B. Pharm & F. Y. M. Pharm)		April 2023 (2 <sup>nd</sup> week)
29.	Seminar on predissertation for S. Y. M. Pharm		April 2023 (4 <sup>th</sup> week)
30.	Farewell program		
31.	Conclusion of 2 <sup>nd</sup> Term		May 2023 (2 <sup>nd</sup> Week)
32.	S.P.P.U First Half Exam. 2022-23		May/June 2023

**Prashant Khade**

**Academic Incharge**

**Dr. Ashok Bhosale**

**PRINCIPAL**

Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.



PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH  
CENTRE, KHARADI, DIST-PUNE



ACADEMIC CALENDER OF 1<sup>st</sup> TERM FOR B. PHARM & M. PHARM FOR A.Y.- 2021-22.

Sr. No.	EVENT	DATE
	First Term	
1.	Independence day celebration	15.08.21
2.	Commencement of 1 <sup>st</sup> Term of Academic Year 2021-22	23.08.21
3.	Commencement of Classes of S.Y., T. Y., Final Year B. Pharm and S.Y.M. Pharm for 1 <sup>st</sup> term of Academic Year 2021-22 (Theory & Practical) by online mode	23.08.21
4.	Sadbhavana Diwas by online mode	25.08.21
5.	Teacher's Day by online mode	05.09.21
6.	N.S.S Day by Hybrid mode	24.09.21
7.	World Pharmacist Day by Hybrid mode	25.09.21
8.	Internal assessment –I (Open book test) of S.Y B.Pharm, T. Y. B.Pharm, Final Year B. Pharm	04.10.21 to 08.10.21
9.	1 <sup>st</sup> Sessional Theory examination of S.Y. B. Pharm, T. Y. B. Pharm, Final Year B. Pharm & S.Y.M.Pharm.	26.10.21 to 30.10.21
10.	Seminar on research topic selection for S.Y. M.Pharm	27.11.21 to 30.11.21
11.	Diwali Vacation	01.11.21 to 06.11.21
12.	1 <sup>st</sup> Sessional practical examination of S.Y. B. Pharm, T. Y. B. Pharm, Final Year B. Pharm	09.11.21 to 13.11.21
13.	Parent Meet for T.Y. B. Pharm	13.11.21
14.	Commencement of classes of F.Y. B. Pharm & F. Y .M. Pharm	15.11.21
15.	Parent Meet for Final Year B. Pharm	20.11.21
16.	Parent meet cum Induction program for F.Y. B. Pharm & F.Y.M. Pharm	27.11.21
17.	Internal assessment –I (Open book test) of F.Y B. Pharm & Direct S.Y.B.Pharm	29.11.21 to 04.12.21
18.	Internal assessment –II (Assignment) for S.Y. B. Pharm, T. Y. B. Pharm, and Final Year B. Pharm	15.11.21 to 20.11.21
19.	2 <sup>nd</sup> Sessional Practical examination of S.Y. B. Pharm, T. Y. B. Pharm, Final Year B. Pharm	29.11.21 to 04.12.21
20.	National Pharmacy Week	30.11.21
21.	World AIDS Day	01.12.21
22.	2 <sup>nd</sup> Sessional Theory examination of S.Y. B. Pharm, T. Y. B. Pharm, Final Year B. Pharm & S.Y.M.Pharm	07.12.21 to 13.12.21
23.	1 <sup>st</sup> Sessional Theory examination of F.Y. B. Pharm, & F.Y.M. Pharm	07.12.21 to 11.12.21
24.	1 <sup>st</sup> Sessional Practical examination of F.Y. B. Pharm, & F.Y.M. Pharm	13.12.21 to 18.12.21
25.	Conclusion of 1 <sup>st</sup> Term for SY, TY, Final Year B.Pharm	18.12.21
26.	S.P.P.U Second Half Exam. 2020-21 ( For S.Y, T.Y & Final Year B.Pharm)	December 2021/January 2022
27.	Internal assessment –II (Assignment) of F.Y B. Pharm & Direct S.Y.B.Pharm	20.12.21 to 24.12.21
28.	2 <sup>nd</sup> Sessional practical examination of F.Y. B. Pharm and F.Y.M.Pharm	03.01.22 to 08.01.22
29.	2 <sup>nd</sup> Sessional Theory examination of F.Y. B. Pharm and F.Y.M.Pharm	10.01.22 to 15.01.22
30.	Conclusion of 1 <sup>st</sup> Term for F. Y. B.Pharm and F. Y. M. Pharm	15.01.22
31.	S.P.P.U Second Half Exam. 2020-21 ( For F. Y. B.Pharm and F. Y. M. Pharm)	January 2022

Mr. Veer V.S.  
Academic Incharge  
Academic Incharge  
P.D.E.A's

Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre  
Kharadi, Pune- 411014.

Dr. Ashok Bhosale  
Principal  
P.D.E.A's

Shankarrao Ursal College of  
Pharmaceutical Sciences & Research Centre  
Kharadi, Pune 411014





ACADEMIC CALENDER OF 2<sup>nd</sup> TERM FOR B. PHARM & M.PHARM FOR A.Y.- 2021-22.

Sr. No.	EVENT	DATE
<b>Second Term</b>		
1.	Commencement of 2 <sup>nd</sup> Term ( For S.Y, T.Y & Final Year B.Pharm classes) of Academic Year 2021-22	03.01.22
2.	Commencement of 2 <sup>nd</sup> Term ( For F.Y. B.Pharm & F.Y.M.Pharm classes) of Academic Year 2021-22	17.01.22
3.	Sport week	21.01.22 to 25.01.22
4.	Republic day	26.01.22
5.	Days Celebration	27.01.22 to 31.01.22
6.	Annual Day Celebration	01.02.22
7.	Organization of National / State level Seminars on Research Methodology, Intellectual Property Rights and Workshop Conference etc.	03.02.22 to 05.02.22
8.	NSS Camp	07.02.22 to 13.02.22
9.	Internal assessment –I (Open book test) of F. Y. B. Pharm, S.Y B. Pharm, T. Y. B. Pharm & Final Year B. Pharm	14.02.22 to 19.02.22
10.	1 <sup>st</sup> Sessional Theory examination of F. Y. B. Pharm, S.Y B. Pharm, T. Y. B. Pharm, Final Year B. Pharm and F. Y. M. Pharm	21.02.22 to 26.02.22
11.	1 <sup>st</sup> Sessional Practical examination of F. Y. B. Pharm, S.Y B. Pharm, T. Y. B. Pharm, Final Year B. Pharm and F. Y. M. Pharm	28.02.22 to 05.03.22
12.	Internal assessment –II (Assignment) for F. Y. B. Pharm, S.Y B. Pharm, T. Y. B. Pharm & Final Year B. Pharm	14.03.22 to 19.03.22
13.	Parent Meet for S.Y B. Pharm, T. Y. B. Pharm, Final Year B. Pharm and S. Y. M. Pharm	09.04.22
14.	2 <sup>nd</sup> Sessional Practical examination of F. Y. B. Pharm, S.Y B. Pharm, T. Y. B. Pharm, Final Year B. Pharm and F. Y. M. Pharm	11.04.22 to 16.04.22
15.	2 <sup>nd</sup> Sessional Theory examination of F. Y. B. Pharm, S.Y B. Pharm, T. Y. B. Pharm, Final Year B. Pharm and F. Y. M. Pharm	18.04.22 to 23.04.22
16.	Seminar on predissertation for S.Y.M.Pharm	21.04.22 to 23.04.22
17.	Farewell program	30.04.22
18.	Conclusion of 2 <sup>nd</sup> Term for F. Y. B. Pharm, S.Y B. Pharm, T. Y. B. Pharm, Final Year B. Pharm and F. Y. M. Pharm	10.05.22
19.	S.P.P.U First Half Exam. 2021-22 (for F. Y. B. Pharm, S.Y B. Pharm, T. Y. B. Pharm, Final Year B. Pharm and F. Y. M. Pharm)	May/June 22

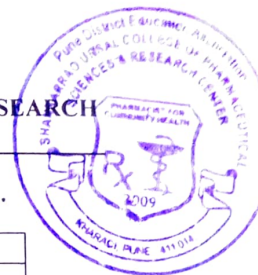
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PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH  
CENTRE, KHARADI, DIST-PUNE



**ACADEMIC CALENDER OF 1<sup>st</sup> TERM FOR B. PHARM & M.PHARM FOR A.Y.- 2020-21.**

Sr. No.	EVENT	DATE
	<b>First Term</b>	
1.	Commencement of 1 <sup>st</sup> Term of Academic Year 2020-21	15.06.20
2.	Commencement of online Theory Classes of S.Y., T. Y., Final Year B. Pharm and S.Y.M. Pharm for 1 <sup>st</sup> term of Academic Year 2020-21.	29.06.20
3.	61st Birthday Celebration of Hon. Shri. Ajitdada Pawar (Dy. Chief Minister of Maharashtra and President- P.D.E.A, Pune)	22.07.20
4.	Independence day celebration	15.08.20
5.	Sadbhavana Diwas Celebration	25.08.20
6.	Teacher's Day Celebration	05.09.19
7.	Internal assessment –I ( <b>Open book test</b> ) of S.Y B.Pharm, T. Y. B.Pharm & Final Year B. Pharm	07.09.20 to 14.09.20
8.	NSS Day	24.09.20
9.	World Pharmacist Day celebration	25.09.20
10.	<b>1<sup>st</sup> Sessional Theory examination</b> of S.Y. B. Pharm, T. Y. B. Pharm, , Final Year B. Pharm & S.Y.M. Pharm	05.10.20 to 12.10.20
11.	<b>1<sup>st</sup> Sessional Practical examination</b> of S.Y. B. Pharm, T. Y. B. Pharm, and Final Year B. Pharm	13.10.20 to 19.10.20
12.	International Webinar	24.10.20
13.	Commencement of Classes of First Year B. Pharm & M. Pharm	01.11.20
14.	Internal assessment –II ( <b>Assignment/GD</b> ) for S.Y. B. Pharm, T. Y. B. Pharm, and Final Year B. Pharm	02.11.20 to 09.11.20
15.	<b>Diwali Vacation</b>	13.11.20 to 21.11.20
16.	NPW Celebration	24.11.20 to 28.11.20
17.	Welcome function and Induction Programme for F.Y. Pharm & F.Y.M. Pharm	28.11.20
18.	World AIDS Day Celebration	01.12.20
19.	Internal assessment –I ( <b>Open book test</b> ) of F.Y B.Pharm,	02.12.20 to 08.12.20
20.	<b>1<sup>st</sup> Sessional Practical examination</b> of F.Y. B. Pharm & F.Y.M. Pharm	14.12.20 to 19.12.20
21.	<b>1<sup>st</sup> Sessional Theory examination</b> of F.Y. B. Pharm & F.Y. M. Pharm	21.12.20 to 30.12.20
22.	<b>2<sup>nd</sup> Sessional Practical examination</b> of S.Y. B. Pharm, T. Y. B. Pharm, and Final Year B. Pharm	14.12.20 to 19.12.20
23.	<b>2<sup>nd</sup> Sessional Theory examination</b> of S.Y. B. Pharm, T. Y. B. Pharm, , Final Year B. Pharm & S.Y.M.Pharm	21.12.20 to 30.12.20
24.	Internal assessment –II ( <b>Assignment/GD</b> ) for F.Y. B. Pharm	04.01.21 to 09.01.21
25.	<b>2<sup>nd</sup> Sessional Practical examination</b> of F.Y. B. Pharm & F.Y.M. Pharm	15.02.21 to 20.02.21
26.	<b>2<sup>nd</sup> Sessional Theory examination</b> of F.Y. B. Pharm & F.Y. M. Pharm	22.02.21 to 27.02.21
27.	Conclusion of 1 <sup>st</sup> Term for SY, TY, Final Year B.Pharm ,	30.12.20
28.	S.P.P.U Second Half Exam. 2020-21 ( For S.Y, T.Y & Final Year B.Pharm)	January 2021
29.	Conclusion of 1 <sup>st</sup> Term for F.Y B.Pharm and F.Y.M.Pharm	27.02.21
30.	S.P.P.U Second Half Exam. 2020-21 (For F.Y.B.Pharm and F.Y. M.Pharm)	March 2021

*Mr. Veer*  
**Mr. Veer V.S.**  
**Academic Incharge**  
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*Dr. Ashok*  
**Dr. Ashok Bhosale**  
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PUNE DISTRICT EDUCATION ASSOCIATION'S  
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**ACADEMIC CALENDER OF B. PHARM & M.PHARM FOR A.Y.- 2019-2020.**

Sr. No.	EVENT	DATE
	First Term	
1	Commencement of Academic Year 2019-20 and 1 <sup>st</sup> Term.	17.06.19
2	Commencement of Classes of S.Y., T. Y., Final Year B. Pharm and S.Y.M. Pharm for 1 <sup>st</sup> term of Academic Year 2019-20.	20.06.19
3	Internal assessment –I (Open book test) of S.Y B.Pharm, T. Y. B.Pharm & Final Year B. Pharm	29.07.19 to 05.08.19
4	Commencement of Classes of First Year B. Pharm & M.Pharm	01.08.19
5	Independence day celebration	15.08.19
6	Induction Programme and Parent meet of F.Y. Pharm	24.08.19
7	1 <sup>st</sup> Sessional Practical examination of S.Y. B. Pharm, T. Y. B. Pharm, and Final Year B. Pharm	19.08.19 to 24.08.19
8	Internal assessment –I (Open Book test) of F. Y B. Pharm and 1 <sup>st</sup> Sessional Theory examination of S.Y. B. Pharm, T. Y. B. Pharm and Final Year B. Pharm	26.08.19 to 31.08.19
9	1 <sup>st</sup> Sessional Practical examination of F.Y. B. Pharm & F.Y. M. Pharm and Internal assessment –II (Group discussion) of F. Y B. and S.Y. B.Pharm	03.09.19 to 07.09.19
10	Teacher's Day Celebration	05.09.19
11	Welcome Function for F.Y.B. Pharm and Science Exhibition on the occasion PDEA Foundation Day	07.09.19
12	1 <sup>st</sup> Sessional Theory examination of F.Y. B. Pharm & F.Y. M. Pharm and Internal assessment –II (Unit test) of T.y B.Pharm & Final Year B.Pharm	09.09.19 to 14.09.19
13	Industrial tour of F.Y. B.Pharm	23.09.19
14	NSS Day	24.09.18
15	World Pharmacist Day celebration	25.09.18
16	2 <sup>nd</sup> Sessional Practical examination of F.Y. B. Pharm, S.Y. B. Pharm & F.Y. M. Pharm	26.09.19 to 30.09.19
17	2 <sup>nd</sup> Sessional Theory examination of F.Y. B. Pharm, S.Y. B. Pharm & F.Y. M. Pharm	01.10.19 to 09.10.19
18	S.P.P.U Second Half B. Pharm Exam. Nov/Dec.2019	10.10.19 onwards
19	Diwali vacation	25.10.19 to 02.11.19
20	National level and State level seminars	04.11.19 to 09.11.19
21	S.P.P.U Second Half M. Pharm Exam. Nov/Dec.2019	19.11.19 onwards
22	Parent meet of S.Y, T.Y. and Final Year B.Pharm	20.11.19
23	Industrial tour of S.Y. T.Y and Final Year B. Pharm	21.11.19
24	NPW Celebration	26.11.19 to 01.12.19
25	Conclusion of First Term	30.11.19
26	Winter vacation	23.12.19 to 05.01.2020
<b>Second Term</b>		
27	Commencement of II <sup>nd</sup> term and Classes of F.Y, S.Y., T. Y. Final Year B. Pharm & F.Y & S.Y. M. Pharm for II <sup>nd</sup> term of Academic Year 2019-20.	06.01.20
28	NSS Camp	07.01.20 to 13.01.20
29	Sports week	20.01.20 to 24.01.20
30	Days celebration	25.01.20 to 29.01.20
31	Republic day celebration	26.01.20
32	Annual Gathering	30.01.20
33	Internal assessment –I (Open book test) of F.Y. B.Pharm, S.Y B.Pharm ,	03.02.20 to

	T. Y. B.Pharm & Final Year B.Pharm	10.02.20
34	Internal assessment –II ( <b>Group discussion</b> ) of F.Y. B.Pharm ,S.Y B.Pharm & Unit test for T. Y. B.Pharm , Final Year B.Pharm	17.02.20 to 22.02.20
35	<b>1<sup>st</sup></b> Sessional Theory examination of F.Y. B.Pharm ,S.Y. B. Pharm & F.Y. M.Pharm	24.02.20 to 29.02.20
36	<b>1<sup>st</sup></b> Sessional practical examination of F.Y. B.Pharm ,S.Y. B. Pharm & F.Y. M.Pharm	02.03.20 to 07.03.20
37	<b>2<sup>nd</sup></b> Sessional practical examination of F.Y. B.Pharm ,S.Y. B. Pharm & F.Y. M.Pharm	16.03.20 to 21.03.20
38	Sessional practical examination of T.Y. B. Pharm & Final Year B..Pharm	16.03.20 to 21.03.20
39	<b>2<sup>nd</sup></b> Sessional theory examination of F.Y. B.Pharm ,S.Y. B. Pharm & F.Y. M.Pharm	23.03.20 to 30.03.20
40	Sessional theory examination of T.Y. B. Pharm & Final Year B..Pharm	23.03.20 to 30.03.20
41	Farewell function	31.03.20
42	S.P.P.U Second Half B. Pharm Exam. April/May 2020.	21.04.20 onwards
43	S.P.P.U Second Half M. Pharm Exam. April/May 2020.	13.05.20 onwards
44	Conclusion II <sup>nd</sup> term and Academic Year 2019-20 (B. Pharm)	30.04.2020
45	Conclusion II <sup>nd</sup> term and Academic Year 2019-20 (M. Pharm)	15.05.2020

*Veer*  
Veer V.S.

Academic Incharge

**Academic Incharge**

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*Dr. Ashok*  
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PUNE DISTRICT EDUCATION ASSOCIATION'S  
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RESEARCH CENTRE, KHARADI, DIST-PUNE



ACADEMIC CALENDER FOR B.PHARM AND M.PHARM FOR FIRST TERM (A.Y.2018-19)

Sr. No.	EVENT	DATE
1.	Commencement of Classes of S.Y., T. Y. & Final Yr. B. Pharm for Academic Year 2018-19.	11.06.18
2.	Science Exhibition on the occasion of Birth day celebration of Hon. Shri. Ajitdada Pawar, (President, P.D.E.A)	22.07.18
3.	Commencement of Classes of First Year B. Pharm	01.08.18
4.	Independence Day Celebration	15.08.18
5.	Commencement of Classes of First Year M. Pharm	20.08.18
6.	Induction Programme and Parent meet of F.Y. B. Pharm	18.08.18
7.	Internal continuous assessment –I ( Unit test) of SY, T.Y and Final Year B.Pharm	27.08.18 to 03.09.18
8.	Teacher's Day celebration	05.09.18
9.	Welcome Function for F.Y.B. Pharm	06.09.18
10.	State level Seminars-PHARMACEUTICAL CHEMISTRY	19.09.18 to 20.09.18
11.	National level Seminars- PHARMACEUTICS	21.09.18 to 22.09.18
12.	NSS Day	24.09.18
13.	Internal continuous assessment –I ( Open book test ) Internal continuous assessment –II (Assignment) of F.Y. B.Pharm	24.09.18 to 29.09.18
14.	World Pharmacist Day Celebration	25.09.18
15.	Internal Assessment Examination of B. Pharm	26.09.18 to 04.10.18
16.	First Sessional Theory Exam of F.Y. B. Pharm and Sessional Theory exam of SY, T.Y and Final Year B. Pharm	10.10.18 to 17.10.18
17.	GPAT Test series	15.10.18 to 22.10.18
18.	Internal continuous assessment –III ( Group discussion ) of F.Y B. Pharm	22.10.18 to 27.10.18
19.	Students Council Meeting	22.10.18
20.	First Sessional Practical Exam of F.Y. B. Pharm and Sessional Practical exam of S.Y, T.Y and Final Year B. Pharm	29.10.18 to 03.11.18
21.	Sessional Theory Exam of M. Pharm	31.10.18 to 03.11.18
22.	Industrial tour of Final Year B. Pharm	02.11.18
23.	Diwali vacation	05.11.18 to 10.11.18
24.	II <sup>nd</sup> Sessional Theory of F.Y.B. Pharm	12.11.18 to 17.11.18
25.	Internal continuous assessment –II ( Open Book test) of SY, T.Y and Final Year B. Pharm	12.11.18 to 19.11.18
26.	Anti-ragging Committee meeting	16.11.18
27.	First Sessional Practical Exam of M. Pharm	17.11.18
28.	II <sup>nd</sup> Sessional Practical of F.Y.B. Pharm	19.11.18 to 24.11.18
29.	S.P.P.U Second Half B. Pharm Theory Exam Nov / Dec. 2018	20.11.18 to 29.12.18

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30.	S.P.P.U Second Half S. Y, T.Y, & Final Year B. Pharm Practical Exam Nov / Dec. 2018	22.11.18 to 03.12.18
31.	NPW Celebration	26.11.18 to 01.12.18
32.	II <sup>nd</sup> Sessional Theory of F.Y. M. Pharm	26.11.18 to 29.11.18
33.	II <sup>nd</sup> Sessional practical of F.Y. M. Pharm	30.11.18
34.	S.P.P.U Second Half M. Pharm Practical Exam Nov/ Dec. 2018	10.12.18 to 15.12.18
35.	Birthday Celebration of Hon. Shri. Sharadchandraji Pawar Saheb	12.12.18
36.	S.P.P.U Second Half M. Pharm Theory Exam Nov/ Dec. 2018	19.12.18 to 26.12.18
37.	Late Shri. Shankarrao Ursal Death Anniversary	21.12.18
38.	S.P.P.U Second Half F.Y B. Pharm Practical Exam Nov/ Dec. 2018	26.12.18 to 29.12.18

*WKS*  
Mr. Veer V.S.

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*MSD*  
Dr. Ashok Bhosale

Principal

PRINCIPAL

Pune District Education Association's  
Shankarrao Ursal College Of Pharmaceutical  
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Kharadi, Pune - 411014.

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PUNE DISTRICT EDUCATION ASSOCIATION'S  
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RESEARCH CENTRE, KHARADI, DIST-PUNE

ACADEMIC CALENDER FOR B.PHARM AND M.PHARM FOR SECOND TERM (A.Y.2018-19)

Sr. No.	EVENT	DATE
1.	Commencement of Second Session of the year	03.01.19
2.	Annual Sports	04.01.19 to 09.01.19
3.	Annual Days celebration	10.01.19 to 15.01.19
4.	Annual Social Gathering	16.01.19
5.	NSS Special Camp	21.01.19 to 27.01.19
6.	Republic Day Celebrations	26.01.19
7.	Industrial tour of F. Y., S.Y and T.Y. B. Pharm	30.01.19
8.	Internal continuous assessment (I-Unit test) examination of F.Y.,S.Y.,T.Y and Final Year B. Pharm	31.01.19 to 07.02.19
9.	Late Shri. Baburaoji Gholap Birth Anniversary	01.02.19
10.	Nirbhaya Kanya Abhiyan	08.02.19 to 09.02.19
11.	Students Council Meeting	14.02.19
12.	Anti-ragging committee meeting	16.02.19
13.	First Sessional Theory examination of F.Y.B. Pharm and F.Y. M.Pharm	18.02.19 to 25.02.19
14.	Parent meet of S.Y, T.Y. and Final Year B. Pharm	23.02.19
15.	Workshop on Disaster Management	27.02.19
16.	First Sessional Practical examination of F.Y.B. Pharm and F.Y. M.Pharm	28.02.19 to 06.03.19
17.	Sessional Theory examination of S.Y.,T.Y and Final Year B. Pharm	05.03.19 to 12.03.19
18.	Sessional Practical examination of S.Y.,T.Y and Final Year B. Pharm Second Sessional Practical examination of F.Y.B. Pharm and F.Y. M.Pharm	13.03.19 to 19.03.19
19.	Farewell Function & Alumni Meet	23.03.19
20.	Second Sessional Theory examination of F.Y.B. Pharm and F.Y. M.Pharm	25.03.19 to 30.03.19
21.	Internal continuous assessment (II- Assignment) examination of F.Y.,S.Y.,T.Y and Final Year B. Pharm	01.04.19 to 08.04.19
22.	S.P.P.U First Half B. Pharm Practical Exam April/May- 2019	10.04.19 to 20.04.19
23.	S.P.P.U First Half B. Pharm Theory Exam. April/May- 2019	24.04.19 onwards
24.	S.P.P.U First Half M. Pharm Practical Exam April/May- 2019	02.05.19 to 10.05.19
25.	S.P.P.U First Half M. Pharm Theory Exam April/May- 2019	15.05.19 onwards
26.	Conclusion of Academic year 2018-19.	31.05.19

Mr. Veer V.S.

Academic Incharge

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Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**DISPLAY OF COLLEGE ACADEMIC CALENDAR  
AT COLLEGE WEBSITE**




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## ACADEMIC CALENDAR

**Academics**

- Program Outcomes
- Academics Calendar
- Academic Time Tables
- Download Syllabus
- Result Archives
- Rank Holders

Sr.No	Title	Reports
1	Academic Calendar 2021-22	<a href="#">Academic calender 21-22.pdf</a>
2	Academic Calendar 2022-23 TERM I	Academic Cal-Term I.pdf
3	Academic Calendar 2022-23 TERM II	Academic Cal-Term II.pdf

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Kharadi, Pune-411014



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**COLLEGE INFORMATION BROCHURES / PROSPECTUS**

**COLLEGE INFORMATION BROCHURES / PROSPECTUS**

**(A.Y. 2022-2023)**



Pune District Education Association's

## SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES & RESEARCH CENTRE

SR.NO. 152/A/1/1, NEAR ZENSAR IT TOWER, KHARADI, TAL. HAVELI, DIST.PUNE- 411014

Approved by AICTE & PCI ■ Recognised by Govt.of Maharashtra ■ Affiliated to Savitribai Phule Pune University, Pune.  
Ph. : 020-27011106, 27013835 ■ Fax : 020-27011106 ■ E-mail : sucoprc\_2009@yahoo.co.in ■ Website : www.pdeasubpharm.edu.in



Pune District Education Association's

## SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES & RESEARCH CENTRE

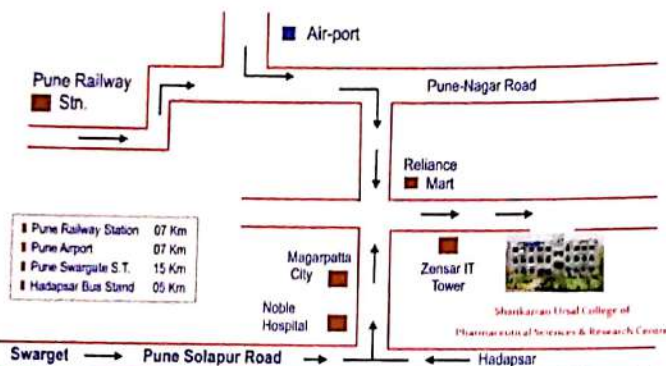
SR.NO. 152/A/1/1, NEAR ZENSAR IT TOWER, KHARADI, TAL. HAVELI, DIST.PUNE- 411014

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Ph. / Fax.: 020-27013835 ■ E-mail : sucoprc\_2009@yahoo.co.in ■ Website : www.pdeasubpharm.edu.in

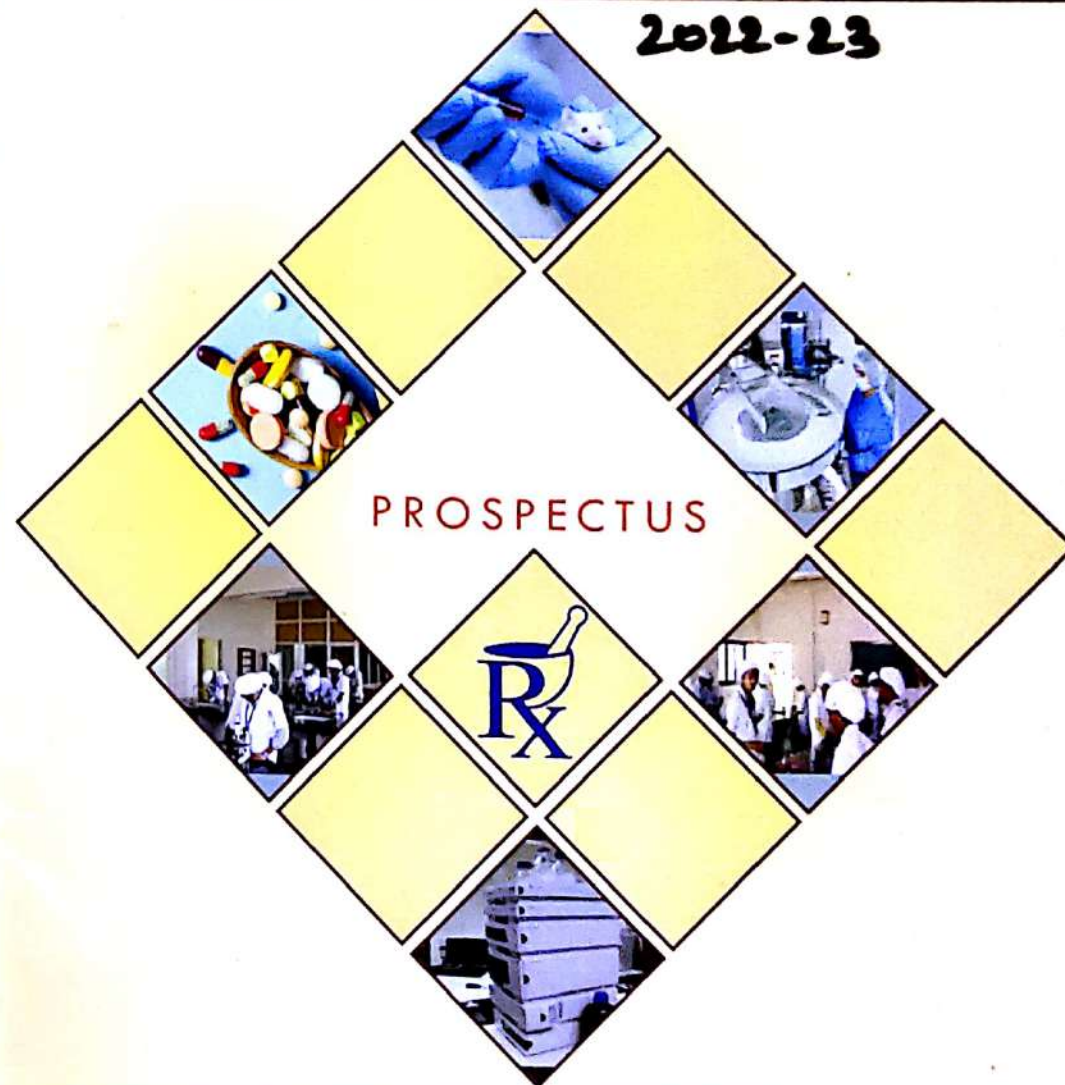


### College Map & Address

Map indicating access to the institution from the nearest Airport & Railway Station



2022-23







## ACADEMIC CALENDER : A.Y. 2022-23

### B.Pharm., M.Pharm. & Ph.D.

Sr. No.	EVENT	DATE
<b>Term I</b>		
1.	Commencement of First Term (Final, S.Y. & T.Y. B. Pharm and S.Y. M. Pharm)	July 2022 (4 <sup>th</sup> week)
2.	1 <sup>st</sup> Internal assessment (Final, S.Y., & T.Y. B. Pharm)	August 2022 (4 <sup>th</sup> week)
3.	1 <sup>st</sup> Sessional Exam- Practical & Theory (S.Y., T.Y., Final Year B. Pharm & S.Y. M. Pharm)	September 2022 (3 <sup>rd</sup> week)
4.	Course Work Exam- I (Ph.D.)	September 2022 (3 <sup>rd</sup> week)
5.	World Pharmacists Day & Pharmacist Orientation Program	24/09/2022
6.	Diwali Vacation	22.10. 2022 to 30.10. 2022
7.	Commencement of First Term of F.Y. B. Pharm & F.Y. M. Pharm	November 2022 (1 <sup>st</sup> week)
8.	2 <sup>nd</sup> Internal assessment (S.Y., T.Y., & Final Year B. Pharm)	November 2022 (1 <sup>st</sup> week)
9.	Parent meet cum Induction program (F.Y. B. Pharm & F.Y.M. Pharm)	November 2022 (2 <sup>nd</sup> week)
10.	1 <sup>st</sup> Internal assessment (F.Y. B. Pharm)	November 2022 (4 <sup>th</sup> week)
11.	2 <sup>nd</sup> Sessional Exam- Practical & Theory (S.Y., T.Y., & Final Year B. Pharm)	November 2022 (4 <sup>th</sup> week)
12.	Course Work Exam- II (Ph.D.)	
13.	1 <sup>st</sup> Sessional Exam- Practical Theory (F.Y. B. Pharm, Direct S.Y. B. Pharm & F.Y.M. Pharm)	December 2022 (1 <sup>st</sup> week)
14.	Conclusion of First Term (Final, S.Y., T.Y., B. Pharm & S.Y. M. Pharm)	December 2022 (1 <sup>st</sup> week)
15.	2 <sup>nd</sup> Internal assessment (F.Y. B. Pharm)	December 2022 (4 <sup>th</sup> week)
16.	2 <sup>nd</sup> Sessional Exam- Practical & Theory (F.Y. B. Pharm & F.Y. M. Pharm)	January 2023 (1 <sup>st</sup> week)
17.	Conclusion of First Term (F.Y. B. Pharm & F.Y. M. Pharm)	January 2023 (3 <sup>rd</sup> week)
18.	S.P.P.U Second Half Exam. (S.Y., T.Y., & Final Year B. Pharm)	Dec /Jan 2022-23.
	(F.Y. B. Pharm and F.Y. M. Pharm)	January 2023
<b>Term II</b>		
19.	Commencement of 2 <sup>nd</sup> Term ( For S.Y, T.Y & Final Year B. Pharm classes)	January 2023 (1 <sup>st</sup> week)
20.	Commencement of 2 <sup>nd</sup> Term ( For F.Y. B. Pharm & F.Y.M. Pharm classes)	February 2023 (1 <sup>st</sup> week)
21.	Sport week	February 2023 (2 <sup>nd</sup> week)
22.	Days Celebration and Annual Day Celebration	February 2023 (3 <sup>rd</sup> week)
23.	NSS Camp	February 2023 (4 <sup>th</sup> week)
24.	1 <sup>st</sup> Internal assessment (F.Y., S.Y, T.Y. & Final Year B. Pharm)	March 2023 (1 <sup>st</sup> week)
25.	1 <sup>st</sup> Sessional Exam- Theory & Practical (F.Y., S.Y, T.Y., Final Year B. Pharm & F.Y. M. Pharm)	March 2023 (2 <sup>nd</sup> week)



**COLLEGE INFORMATION BROCHURES / PROSPECTUS**  
**(A.Y. 2020-2021)**





Pune District Education Association's

## SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES & RESEARCH CENTRE

SR.NO.15/2/1/1, KHARADI, TAL. HAVELI, DIST. PUNE - 411014

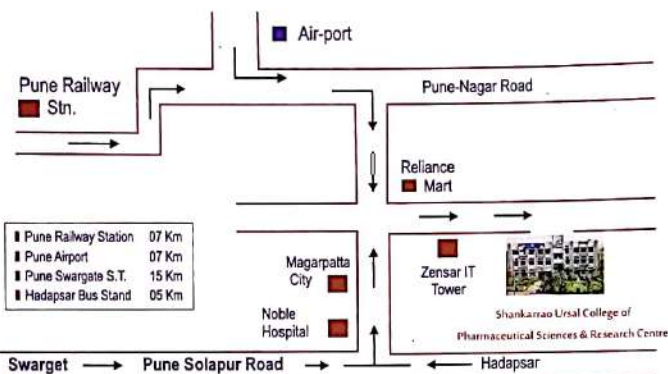
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### College Map & Address

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Pune District Education Association's

## SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES & RESEARCH CENTRE

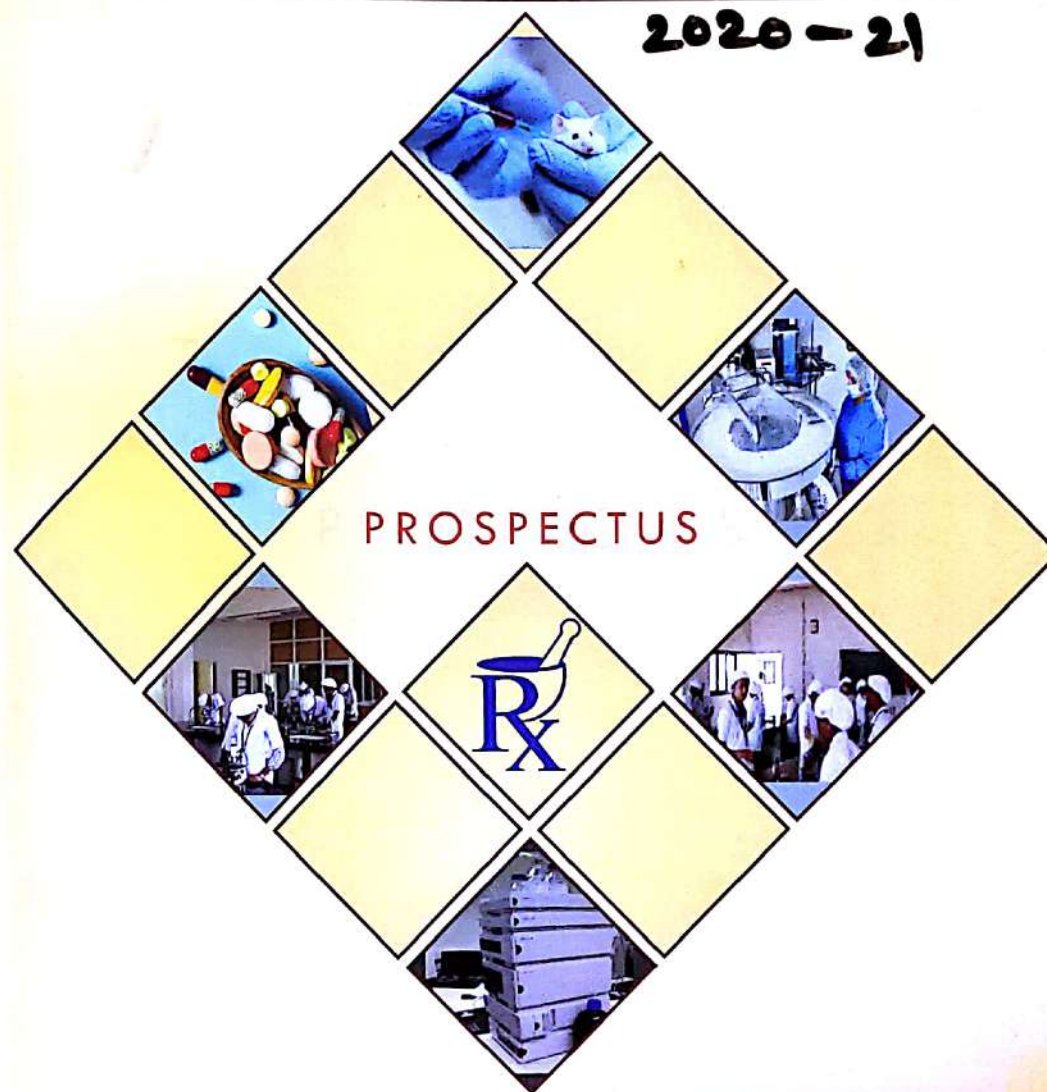
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2020-21







**PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH  
CENTRE, KHARADI, DIST-PUNE**

**ACADEMIC CALENDER OF 1<sup>st</sup> TERM FOR B. PHARM & M.PHARM FOR A.Y.- 2020-21.**

Sr. No.	EVENT	DATE
	First Term	
1.	Commencement of 1 <sup>st</sup> Term of Academic Year 2020-21	15.06.20
2.	Commencement of online Theory Classes of S.Y., T. Y., Final Year B. Pharm and S.Y.M. Pharm for 1 <sup>st</sup> term of Academic Year 2020-21.	29.06.20
3.	61st Birthday Celebration of Hon. Shri. Ajitdada Pawar (Dy. Chief Minister of Maharashtra and President- P.D.E.A, Pune)	22.07.20
4.	Independence day celebration	15.08.20
5.	Sadbhavana Diwas Celebration	25.08.20
6.	Teacher's Day Celebration	05.09.19
7.	Internal assessment –I (Open book test) of S.Y B.Pharm, T. Y. B.Pharm & Final Year B. Pharm	07.09.20 to 14.09.20
8.	NSS Day	24.09.20
9.	World Pharmacist Day celebration	25.09.20
10.	1 <sup>st</sup> Sessional Theory examination of S.Y. B. Pharm, T. Y. B. Pharm, , Final Year B. Pharm & S.Y.M. Pharm	05.10.20 to 12.10.20
11.	1 <sup>st</sup> Sessional Practical examination of S.Y. B. Pharm, T. Y. B. Pharm, and Final Year B. Pharm	13.10.20 to 19.10.20
12.	International Webinar	24.10.20
13.	Commencement of Classes of First Year B. Pharm & M. Pharm	01.11.20
14.	Internal assessment –II (Assignment/GD) for S.Y. B. Pharm, T. Y. B. Pharm, and Final Year B. Pharm	02.11.20 to 09.11.20
15.	Diwali Vacation	13.11.20 to 21.11.20
16.	NPW Celebration	24.11.20 to 28.11.20
17.	Welcome function and Industrial visit for F.Y. Pharm & F.Y.M. Pharm	28.11.20
18.	World AIDS Day Celebration	01.12.20
19.	Internal assessment –I (Open book test) of F.Y B.Pharm,	02.12.20 to 08.12.20
20.	1 <sup>st</sup> Sessional Practical examination of F.Y. B. Pharm & F.Y.M. Pharm	14.12.20 to 19.12.20
21.	1 <sup>st</sup> Sessional Theory examination of F.Y. B. Pharm & F.Y. M. Pharm	21.12.20 to 30.12.20
22.	2 <sup>nd</sup> Sessional Practical examination of S.Y. B. Pharm, T. Y. B. Pharm, and Final Year B. Pharm	14.12.20 to 19.12.20
23.	2 <sup>nd</sup> Sessional Theory examination of S.Y. B. Pharm, T. Y. B. Pharm, , Final Year B. Pharm & S.Y.M. Pharm	21.12.20 to 30.12.20
24.	Internal assessment –II (Assignment/GD) for F.Y. B. Pharm	04.01.21 to 09.01.21
25.	2 <sup>nd</sup> Sessional Practical examination of F.Y. B. Pharm & F.Y.M. Pharm	15.02.21 to 20.02.21
26.	2 <sup>nd</sup> Sessional Theory examination of F.Y. B. Pharm & F.Y. M. Pharm	22.02.21 to 27.02.21
27.	Conclusion of 1 <sup>st</sup> Term for SY, TY, Final Year B.Pharm	30.12.20
28.	S.P.P.U Second Half Exam. 2020-21 (For S.Y, T.Y & Final Year B.Pharm)	January 2021
29.	Conclusion of 1 <sup>st</sup> Term for F.Y B.Pharm and F.Y.M.Pharm	27.02.21
30.	S.P.P.U Second Half Exam. 2020-21 (For F.Y.B.Pharm and F.Y. M.Pharm)	March 2021





**COLLEGE INFORMATION BROCHURES / PROSPECTUS**  
**(A.Y. 2019-2020)**



Pune District Education Association's

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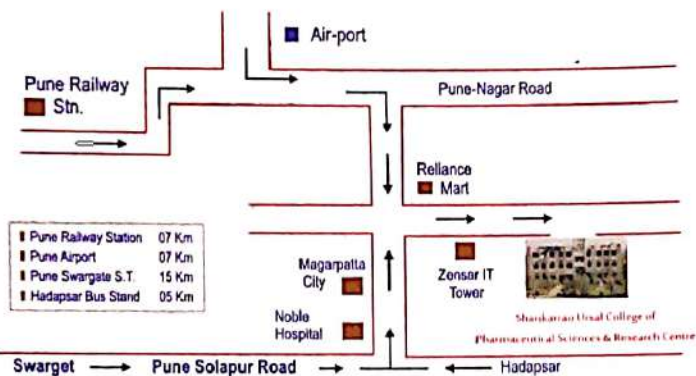
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## PROSPECTUS 2019 - 20







## ACADEMIC CALENDAR 2019 - 2020.

June 2019	Commencement of Academic Year 2019-20 & classes for First term
July 2019	Birthday celebration of Hon. Shri. Ajitdada Pawar (President, P.D.E.A)
August 2019	Independence day celebration
August 2019	Induction programme and parent meet of F.Y. B. Pharm
September 2019	Teacher's Day Celebration
September 2019	PDEA's Foundation Day
October 2019	Welcome function for Freshers
	NSS and World Pharmacist Day celebration
	Continuous assessment –I (Unit test ) of F.Y (Sem-I), S.Y.(Sem-III), T.Y.( Sem-V) and Final Year ( Sem-VII) B. Pharm
	Industrial tour of F.Y B. Pharm
	I <sup>st</sup> Sessional practical examination of F.Y. B. Pharm, S.Y. B. Pharm & F.Y. M.Pharm
	I <sup>st</sup> Sessional theory examination of F.Y. B. Pharm, S.Y. B. Pharm & F.Y. M.Pharm
	Internal assessment –II and Sessional practical examination of T. Y. B.Pharm & Final Year B.Pharm
October 2019	Internal assessment –II of F.Y. B. Pharm & S.Y. B. Pharm
November 2019	Sessional Theory Examinations of T.Y & Final Year B.Pharm
	Diwali vacation
November 2019	II <sup>nd</sup> Sessional Practical examination of F.Y. B. Pharm ,S.Y. B. Pharm & F.Y. M.Pharm
December 2019	Internal assessment –III of F.Y. B. Pharm ,S.Y. B. Pharm
	National and State level seminars
	II <sup>nd</sup> Sessional Theory examination of F.Y. B. Pharm ,S.Y. B. Pharm & F.Y. M.Pharm
	National Pharmacy Week (NPW) Celebration
	University Practical and Theory Exam of F.Y (Sem-I), S.Y.(Sem-III), T.Y.( Sem-V) , Final Year ( Sem-VII) B. Pharm and M.Pharm (Sem-I)
December 2019	Winter Vacation
January 2020	Commencement of Classes for Second term
January 2020	Sports week and Annual Social Gathering
February 2020	Republic Day Celebration
	Internal assessment –I of F.Y. B. Pharm , T. Y. B.Pharm & Final Year B.Pharm
February 2020	NSS camp
March 2020	Internal assessment –II of F.Y. B. Pharm , T. Y. B.Pharm & Final Year B.Pharm
	I <sup>st</sup> Sessional Theory examination of F.Y. B.Pharm ,S.Y. B. Pharm & F.Y. M.Pharm
	I <sup>st</sup> Sessional practical examination of F.Y. B.Pharm ,S.Y. B. Pharm & F.Y. M.Pharm
March 2020	II <sup>nd</sup> Sessional practical examination of F.Y. B. Pharm ,S.Y. B. Pharm & F.Y. M.Pharm
April –May 2020	Sessional practical examination of T.Y. B. Pharm & Final Year B..Pharm
	II <sup>nd</sup> Sessional theory examination of F.Y. B.Pharm ,S.Y. B. Pharm & F.Y. M.Pharm
	Sessional theory examination of T.Y. B. Pharm & Final Year B..Pharm
	Farewell function
	Internal assessment –III of F.Y. B. Pharm ,S.Y. B. Pharm
April –May 2020	University Practical & Theory Exam of F.Y (Sem-II), S.Y.(Sem-IV), T.Y. (Sem-VI) and Final Year ( Sem-VIII)B. Pharm
May 2020	University Practical Exam of M.Pharm (Sem-II)
	University Theory Exam of M.Pharm (Sem-II)
	Conclusion of Academic Year 2019-20.



**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Urs College of Pharmaceutical  
Sciences & Research Centre,  
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**COLLEGE INFORMATION BROCHURES / PROSPECTUS**

**(A.Y. 2018-2019)**





Pune District Education Association's

# SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES & RESEARCH CENTRE

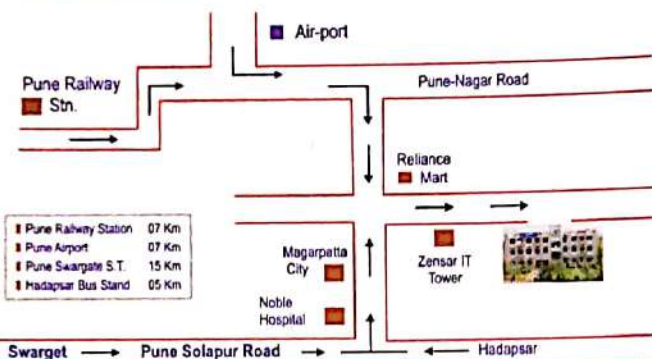
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## College Map & Address

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2018-19



Pune District Education Association's

# SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES & RESEARCH CENTRE

SR.NO.15/2/1/1, KHARADI, TAL. HAVELI, DIST. PUNE - 411014

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P R PROSPECTUS S





### ACADEMIC CALENDAR 2018-19

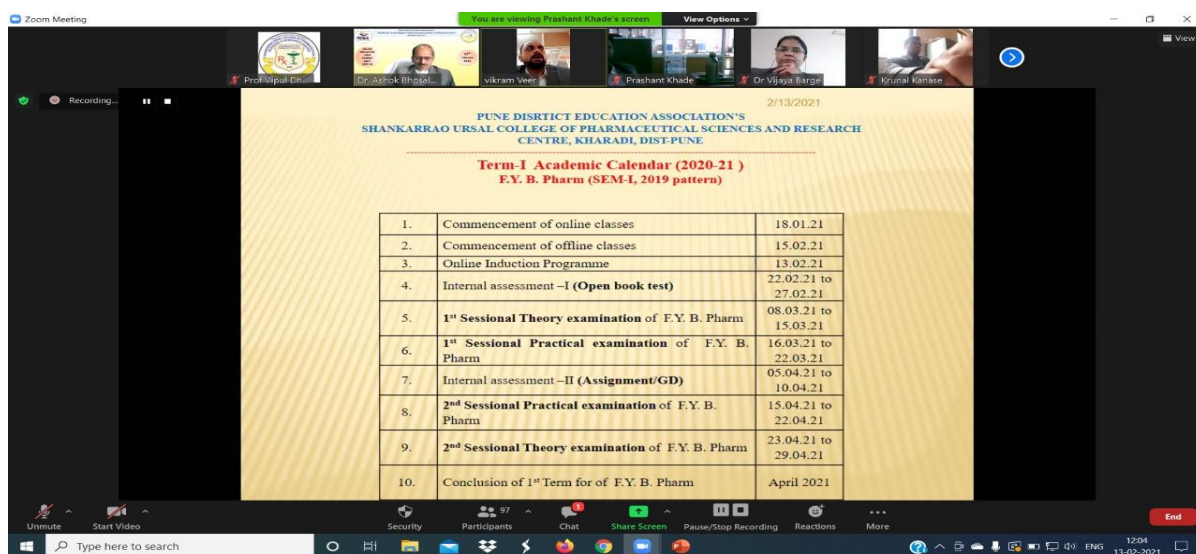
MONTH	EVENT
June 2018	Commencement of the Academic Year
July 2018	Science Exhibition on Birthday Celebration of Hon. Shri. Ajitdada Pawar (Preseident, P.D.E.A)
August 2018	Independence day Celebration
September 2018	Induction Programme and parent meet of F.Y. B.Pharm Teacher's Day Celebration Welcome Function Continuous assessment of F.Y (Sem-I), S.Y.(Sem-III), T.Y. ( Sem-V) and Final Year ( Sem-VII) B. Pharm & M.Pharm (Sem-I & Sem-III) Sessional Theory and Practical Examinations of B.Pharm & M.Pharm NSS and World Pharmacist Day celebration National and State level seminars
October 2018	Industrial tours of S.Y., T.Y. and Final Year B.Pharm Parents Meet – S.Y, T. Y & Final Year B.Pharm
November 2018	Diwali National Pharmacy Week (NPW) Celebration
December 2018	Birthday Celebration of Hon. Shri. Sharadchandraji Pawar Shri. Shankarrao Ursal Death Anniversary University Practical and Theory Exam of F.Y (Sem-I), S.Y.(Sem-III), T.Y.( Sem-V) , Final Year ( Sem-VII) B. Pharm and M.Pharm (Sem-I & Sem-III)
January 2019	Commencement of Classes for Second term Annual Day Annual Sports Meeting Republic Day
February 2019	NSS Camp Shri. Babasaheb Ambedkar Birth Anniversary Industrial tour of F.Y B.Pharm students
March 2019	Continuous assessment of F.Y (Sem-II), S.Y.(Sem-IV), T.Y. ( Sem-VI) and Final Year ( Sem-VIII) B. Pharm & M.Pharm(Sem-II & Sem-IV) Farewell function Sessional Practical Exam of B.Pharm and M.Pharm
April –May 2019	Sessional Theory Examinations of B.Pharm & M.Pharm University Practical Exam of F.Y (Sem-II), S.Y.(Sem-IV), T.Y. (Sem-VI) and Final Year ( Sem-VIII) B.Pharm & M.Pharm(Sem-II & Sem-IV) University Theory Exam of B.Pharm and M.Pharm
May- 2019	Conclusion of Academic Year 2018-19.



**PRINCIPAL**  
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# Shankarrao Ursal College of Pharmaceutical Sciences & Research Centre, Kharadi, Pune-14.

## INDUCTION PROGRAMME cum PARENT MEET (A.Y. 2020-2021)

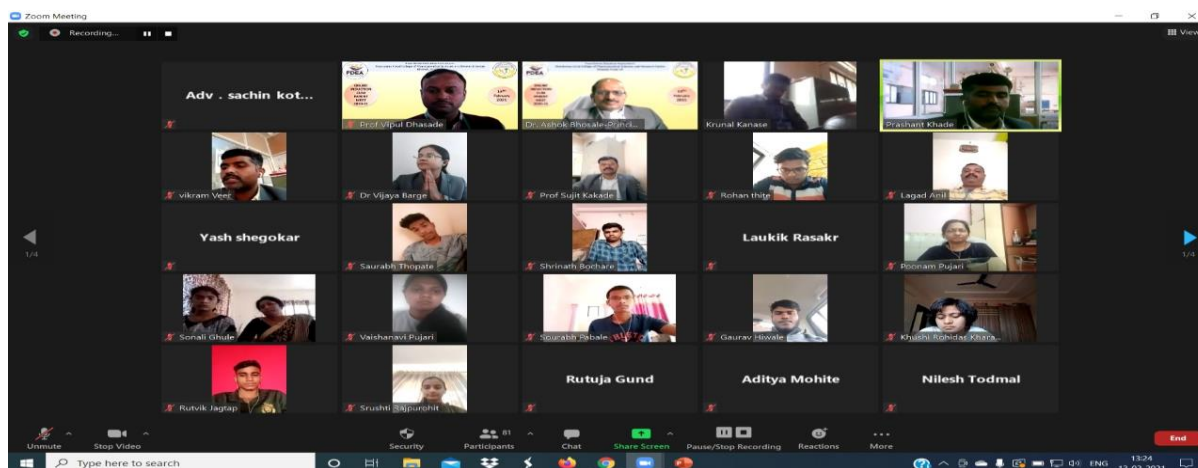


**2/13/2021**

**PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH  
CENTRE, KHARADI, DIST-PUNE**

**Term-I Academic Calendar (2020-21 )  
F.Y. B. Pharm (SEM-I, 2019 pattern)**

1.	Commencement of online classes	18.01.21
2.	Commencement of offline classes	15.02.21
3.	Online Induction Programme	13.02.21
4.	Internal assessment –I (Open book test)	22.02.21 to 27.02.21
5.	1 <sup>st</sup> Sessional Theory examination of F.Y. B. Pharm	08.03.21 to 15.03.21
6.	1 <sup>st</sup> Sessional Practical examination of F.Y. B. Pharm	16.03.21 to 22.03.21
7.	Internal assessment –II (Assignment/GD)	05.04.21 to 10.04.21
8.	2 <sup>nd</sup> Sessional Practical examination of F.Y. B. Pharm	15.04.21 to 22.04.21
9.	2 <sup>nd</sup> Sessional Theory examination of F.Y. B. Pharm	23.04.21 to 29.04.21
10.	Conclusion of 1 <sup>st</sup> Term for of F.Y. B. Pharm	April 2021



Participants visible in the grid include: Adv. sachin kot..., Prof. Vikram Veer, Dr. Ashok Bhagel, Prashant Khade, Dr. Vijaya Barge, Krupal Kanase, Yash shegokar, Saurabh Thopate, Shrinath Bhojane, Rohan thip, Lakshmi Rasakr, Sonali Ghule, Valhanav Pujari, Sourabh Babale, Gaurav Hovale, Khushi Rohini Khara, Rutvik Jagtap, Srushti Rajpurhat, Rutuja Gund, Aditya Mohite, Nilesh Todmal.

Prof. Vikram Veer presenting Academic calendar to F.Y. B.Pharm students during online induction program

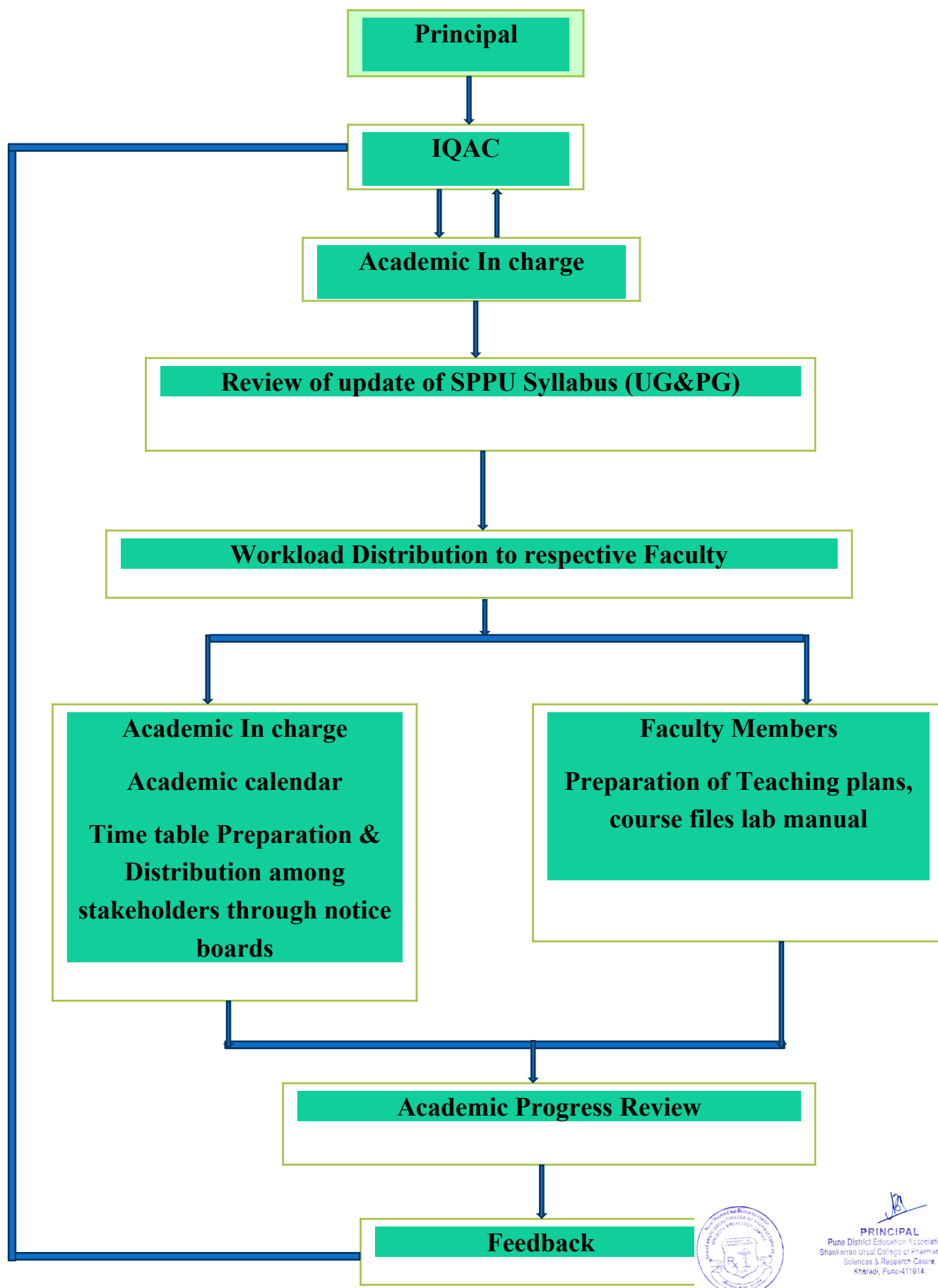


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## **SUBJECT ALLOTMENT**



## Academic Planning And Execution Flowchart



**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursai College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.



Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.

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# **ACADEMIC WORKLOAD DISTRIBUTION**

## **(A.Y. 2022-23)**

**PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE,  
KHARADI, DIST-PUNE**

**Term-I Workload for the Academic Year 2022-23.**

Sr. No.	Name of the Faculty	Class	Subject	Theory	Practical (1Hr)	Total
1.	Dr. Barge V.U.	F.Y. M. Pharm (Pharmaceutics & P.Q.A)	Modern Pharmaceutical Analytical Techniques	4	---	16
		F.Y. M. Pharm (P.Q.A)	Pharmaceutical Quality Assurance Practical I	----	6x2=12	
2.	Dr. Patil R.Y.	S.Y. M. Pharm	Research Methodology and Biostatistics*	2	---	18
		T.Y. B. Pharm	Pharmacognosy & Phytochemistry-II	4	4x3=12	
3.	Dr. Kasabe A.J.	F.Y.M. Pharm (P.Q.A)	Quality Control and Quality Assurance	4	----	20
		F.Y. B. Pharm	Pharmaceutical Inorganic Chemistry	4	4x3=12	
4.	Mr. Veer V.S.	F.Y.M. Pharm (P.Q.A)	Product development & tech. transfer	4	---	20
		F.Y. B. Pharm	Pharmaceutical Analysis-I	4	4x3=12	
5.	Mr. Kanase K.G.	S.Y. M. Pharm	Introduction to Constitution	2	----	18
		F.Y.B. Pharm	Human Anatomy & Physiology-I	4	4x3=12	
6.	Mr. Kakade S.S.	F.Y.M.Pharm (Pharmaceutics)	Drug Delivery System	4	---	20
		F.Y.B. Pharm	Pharmaceutics -I	4	4x3=12	
7.	Mr. Khade P.H.	F.Y.M.Pharm (Pharmaceutics)	Regulatory Affairs	4	---	20
		S.Y.B.Pharm	Physical Pharmaceutics-I	4	4x3=12	
8.	Ms. Shangrapawar T.P.	F.Y.M.Pharm (Pharmaceutics)	Modern Pharmaceutics	4	---	20
		T.Y.B.Pharm	Formulative Pharmacy	4	4x3=12	
9.	Mr. Ingale V.B	S.Y. M. Pharm	Research Methodology and Biostatistics*	2	---	18
		T.Y.B.Pharm	Pharmacology-II	4	4x3=12	
10.	Mr. Dhasade V.V.	Final Year B. Pharm	Industrial Pharmacy	4		16
		F.Y. B. Pharm	*Communication Skills	2	2x3=6	
		F.Y.B. Pharm	*Remedial Biology	----	2x3=4	
11.	Ms. Kande T.R.	F.Y.M. Pharm (P.Q.A)	Quality Management System	4	---	20
		S.Y.B.Pharm	Pharmaceutical Organic Chemistry II	4	4x3=12	
12.	Ms. Shelar B.G.	Final Year B.Pharm	Novel Drug Delivery System	4	----	20
		S.Y.B.Pharm	Pharmaceutical Microbiology	4	4x3=12	
13.	Ms. Sayyad N.B.	Final Year B.Pharm	Pharmacy practice	4	----	20
		S.Y.B.Pharm	Pharmaceutical Engineering	4	4x3=12	
14.	Ms. Ghule K.R.	Final Year B. Pharm	Instrumental Methods of Analysis	4	4x3=12	20
		T.Y.B.Pharm	Medicinal Chemistry-II	4	----	
15.	Mr. Neharkar N.S.	F.Y.M.Pharm (Pharmaceutics)	Pharmaceutics Practical-I	----	6x2=12	20
		F.Y.B. Pharm	*Remedial Biology	2	2x1=2	
		T.Y. B.Pharm	Pharmaceutical Jurisprudence	4	----	
17.	Mr. Langote U.B.	F.Y. B.Pharm	*Remedial Mathematics	2	---	02

\*Indicates non-university exam subject

**Mr. Khade P.H.**  
Academic Incharge  
Academic Incharge  
P. D. E. A's

Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre  
Kharadi, Pune-411014.

**Dr. Ashok Bhosale**  
PRINCIPAL  
P. D. E. A's

Shankarrao Ursal College of  
Pharmaceutical Sciences & Research Centre  
Kharadi, Pune-411014

Term-II Workload for the Academic Year 2022-23.

Sr. No.	Name of the Faculty	Class	Subject	Theory	Practical (1Hr)	Total
1.	Dr. Barge V.U.	F.Y. M. Pharm (P.Q.A)	Pharmaceutical Manufacturing Technology	4	---	16
		F.Y. M. Pharm (P.Q.A)	Pharmaceutical Quality Assurance Practical II	----	6x2=12	
2.	Dr. Patil R.Y.	T.Y. B. Pharm	Herbal Drug Technology	4	4x3=12	16
3.	Dr. Kasabe A.J.	F.Y.M. Pharm (P.Q.A)	Audit and Regulatory Compliance	4	----	16
		F.Y. B. Pharm	Biochemistry	4	4x2=08	
4.	Mr. Veer V.S.	F.Y.M. Pharm (P.Q.A)	Hazards & Safety Management	4	---	16
		F.Y. B. Pharm	Pharmaceutical Organic Chemistry I	4	4x2=08	
5.	Mr. Kanase K.G.	F.Y.B. Pharm	Human Anatomy & Physiology-II	4	4x2=8	16
		S.Y.B. Pharm	Pharmacology - I	4	----	
6.	Mr. Kakade S.S.	F. Y. M. Pharm (Pharmaceutics)	Cosmetic & Cosmeceuticals	4	---	10
		F. Y. M. Pharm (Pharmaceutics)	Pharmaceutics Practical-II	0	1x6=06	
7.	Mr. Khade P.H.	F. Y. M. Pharm (Pharmaceutics)	Computer Aided Drug Development	4	---	16
		S. Y. B. Pharm	Physical Pharmaceutics-II	4	4x2=08	
8.	Ms. Shangrapawar T.P.	F. Y. M. Pharm (Pharmaceutics)	Molecular Pharmaceutics (Nano Tech & Targeted DDS)	4	---	18
		F. Y. M. Pharm (Pharmaceutics)	Pharmaceutics Practical-II	0	6x1=06	
		Final. Y. B. Pharm	Pharmacovigilance <sup>#</sup>	4	----	
		S. Y. B. Pharm	Physical Pharmaceutics-II	--	4x1=04	
9.	Mr. Ingale V.B	T.Y. B. Pharm	Pharmacology - III	4	4x3=12	20
		F. Y. B. Pharm	Pathophysiology	4	--	
10.	Mr. Dhasade V.V.	Final Year B. Pharm	Social and Preventive Pharmacy	4	---	16
		S. Y. B. Pharm	Pharmacognosy and Phytochemistry I	4	4x2=8	
11.	Ms. Kande T.R.	F.Y.M. Pharm (P.Q.A)	Pharmaceutical Validation	4	--	20
		S.Y. B. Pharm	Pharmaceutical Organic Chemistry - III	4	---	
		T. Y. B. Pharm	Medicinal Chemistry-III	--	4x3=12	
12.	Ms. Shelar B.G.	Final Year B. Pharm	Cosmetic Sciences <sup>#</sup>	4	----	20
		T. Y. B. Pharm	Biopharmaceutics & Pharmacokinetics	4	----	
		S. Y. B. Pharm	Pharmacology I	--	4x3=12	
13.	Ms. Sayyad N.M.	F. Y. M. Pharm (Pharmaceutics)	Advance Biopharmaceutics & Pharmacokinetics	4	----	16
		T. Y. B. Pharm	Pharmaceutical Biotechnology	4	----	
		F.Y. B. Pharm	Biochemistry	--	4x1=04	
		F.Y.B. Pharm	Human Anatomy & Physiology-II	--	4x1=04	
14.	Ms. Ghule K.R.	S.Y. B. Pharm	Medicinal Chemistry-I	4	4x3=12	20
		T. Y. B. Pharm	Medicinal Chemistry-III	4	---	
15.	Mr. Neharkar N.S.	T. Y. B. Pharm	Quality Assurance	4	--	19
		Final Y. B. Pharm	Biostatistics & Research Methodology	4	---	
		S.Y.B.Pharm	Pharmacognosy and Phytochemistry I	--	4x1=04	
		F.Y. B. Pharm	Environmental Sciences <sup>*</sup>	3	--	
		F.Y. B. Pharm	Pharmaceutical Organic Chemistry I	--	4x1=04	
16.	MS. Sonali Sarade	F.Y. B. Pharm	Computer Application in Pharmacy	3	4x3=12	15

\*Indicates non-university exam subject & # Elective subject

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**COURSE FILE**





## Course File (20

<b>I N D E X</b>		
Sr. No.	Particulars	Page No
<b>A</b>	<b>Theory</b>	
1	Overview of subject	
2	Time Table	
3	Roll List	
4	Syllabus Copy	
5	Previous University Question Papers	
6	List of Reference Books	
7	Lecture Plan	
8	Teaching Resources (Handwritten Notes, Transparencies, etc)	
9	Record of Student Assignment	
10	Question Bank (Chapter wise)	
11	Class test question paper with corrected answer sheet	
12	Sessional Exam Question Papers	
13	Mark sheet Sessional Exam (Theory & practical)	
<b>B</b>	<b>Practical</b>	
1	Syllabus Copy	
2	List of Reference Books	
3	Plan for practical	
4	Practical Manual	
5	Progressive practical internal assessment record	
6	Question bank for synopsis question	
7	Practical question paper	

**Name & Signature of Teacher**



  
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**LAB MANUAL**



# Lab Manual

Subject:  
**Physical  
Pharmaceutics-II**

Year:  
Second Year B. Pharm (Sem-IV)

Subject Teacher: Mr. Khade Prashant H  
Asst. Professor,  
Pharmaceutics Department.

*Physical Pharmaceutics-II*



  
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## Index

Experiment No.	Name of Experiment	Page No.
<b>Interfacial phenomena</b>		
01	Determination of surface tension of given liquid.	01-04
02	Determination of Cloud point and Krafft point of given surfactant.	05-06
03	Determination of critical micelle concentration of a surfactant by surface tension method.	07-10
04	Determination of HLB of glyceryl monostearate.	11-14
<b>Chemical Kinetics</b>		
05	Determination of relative strength of two acids.	15-17
06	Determination of order of reaction by equal fraction method	18-20
07	Determination of energy of activation of acid hydrolysis of methyl acetate.	21-23
<b>Viscosity</b>		
08	Determination of viscosity of given liquid by Ostwald's viscometer and demonstration of Brookfield viscometer	24-27
09	Determination of composition of binary mixture by viscosity method.	28-31
<b>Micromeritics</b>		
10	Determination of Specific Surface area of charcoal by adsorption method.	32-36
11	Determination of particle size distribution of any material by Microscopy	37-40
12	Determination of particle size distribution of any material Sieve analysis.	41-43
<b>Colloids</b>		
13	Determination of effect of salts on stability of hydrophobic sols.	44

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# **CURRICULUM IMPLEMENTAION**



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**TIME TABLES OF A.Y. 2022-2023**



Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences and Research Centre,  
Kharadi, Pune-411 014.



**Time-Table for F.Y. B. Pharm (Sem-I, 2019 Pattern) for A.Y. 2022-23.**

[W.E.F: 02/01/2023]

Time/Day		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Tutorial</b>	<b>9.00 am to 10.00 am</b>	HAP I-T [BP101T] (KGK)	PIC-T [BP104T] (AJK)	PA I-T [BP102T] (VSV)	PH I-T [BP103T] (NMS)	<b>Lecture</b> PA I-T [BP102T] (VSV)	
<b>Lectures</b>	<b>10.00 am to 11.00 am</b>	CS-T [BP105T] (VVD)	HAP I-T [BP101T] (KGK)	HAP I-T [BP101T] (KGK)	PIC-T [BP104T] (AJK)	PH I-T [BP103T] (NMS)	<b>Practical-A</b> RB-P [BP112RBP] (VVD) Time: 10.00 am to 12.00 am
	<b>11.00 am to 12.00 pm</b>	PA I-T [BP102T] (VSV)	CS-T [BP105T] (VVD)	PH I-T [BP103T] (SSK)	HAP I-T [BP101T] (KGK)	PIC-T [BP104T] (AJK)	<b>Practical-B</b> PA I-P [BP108P] (VSV) Time: 9.00 to 1.00 pm
	<b>12.00 pm to 1.00 pm</b>	RB-T [BP106RBT] (NSN)	RB-T [BP106RBT] (NSN)	PIC-T [BP104T] (AJK)	PH I-T [BP103T] (NMS)	PA I-T [BP102T] (VSV)	<b>Practical-C</b> PIC-P [BP110P] (AJK) Time: 9.00 to 1.00 pm
<b>RECESS : 1.00 pm to 1.30 pm</b>							
<b>Practical</b> 1.30 pm to 5.30 pm	<b>Batch-A</b>	CS-P [BP111P] (VVD) (1.30 pm to 3.30 pm)	HAP I-P [BP107P] (KGK)	PH I-P [BP109P] (NMS)	PIC-P [BP110P] (AJK)	PA I-P [BP108P] (VSV)	<b>Lecture</b> RM-T [BP106RMT] (UBL) Time: 1.30 to 2.30
	<b>Batch -B</b>	PH I-P [BP109P] (NMS)	CS-P [BP111P] (VVD) (1.30 pm to 3.30 pm)	HAP I-P [BP107P] (KGK)	RB-P [BP112RBP] (VVD) (1.30 pm to 3.30 pm)	PIC-P [BP110P] (AJK)	<b>Lecture</b> RM-T [BP106RMT] (UBL) Time: 2.30 to 3.30
	<b>Batch-C</b>	HAP I-P [BP107P] (KGK)	PH I-P [BP109P] (NMS)	CS-P [BP111P] (VVD) (1.30 pm to 3.30 pm)	PA I-P [BP108P] (VSV)	RB-P [BP112RBP] (VVD) (1.30 pm to 3.30 pm)	

AJK: Dr. A. J. Kasabe, VSV: V. S. Veer, SSK: S. S. Kakade, KGK: K. G. Kanase, VVD: V.V. Dhasade, NMS: N. M. Sayyad, UBL: U. B. Langote, NSN: N. S. Neharkar

Sr. No.	Name of Subject	Theory Abbr.	Practical Abbr.
1.	Human Anatomy and Physiology I	HAP I-T	HAP I-P
2.	Pharmaceutical Analysis I	PA I-T	PA I-P
3.	Pharmaceutics I	PH I-T	PH I-P
4.	Pharmaceutical Inorganic Chemistry	PIC-T	PIC-P
5.	Communication skills*	CS-T	CS-P
6.	Remedial Biology *	RB-T	RB-P
7.	Remedial Mathematics*	RM-T	

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Time-Table for S.Y. B. Pharm (Sem-III, 2019 Pattern) for A.Y.2022-23.  
[W.E.F – 03 / 08 / 2022]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical</b> <b>Batch-A</b> 9.00 am to 1.00 pm	OFF	Pharmaceutical Engineering (NBS)	Pharmaceutical Organic Chemistry-II (TRK)	Physical Pharmaceutics-I (PHK)	OFF	Pharmaceutical Microbiology (BGS)
<b>Batch -B</b> 9.00 am to 1.00 pm	Pharmaceutical Organic Chemistry-II (TRK)	OFF	Pharmaceutical Engineering (NBS)	Pharmaceutical Microbiology (BGS)	Physical Pharmaceutics-I (PHK)	OFF
<b>Batch-C</b> 9.00 am to 1.00 pm	Pharmaceutical Engineering (NBS)	Pharmaceutical Organic Chemistry-II (TRK)	OFF	OFF	Pharmaceutical Microbiology (BGS)	Physical Pharmaceutics-I (PHK)
<b>RECESS : 1.00 pm to 1.30 pm</b>						
<b>Lecture</b> 1.30 pm to 2.30 pm	Physical Pharmaceutics-I (PHK)	Pharmaceutical Engineering (NBS)	Pharmaceutical Engineering (NBS)	Pharmaceutical Microbiology (BGS)	Pharmaceutical Organic Chemistry-II (TRK)	Pharmaceutical Organic Chemistry-II (TRK)
2.30pm to 3.30 pm	Pharmaceutical Organic Chemistry-II (TRK)	Physical Pharmaceutics-I (PHK)	Physical Pharmaceutics-I (PHK)	Physical Pharmaceutics-I (PHK)	Pharmaceutical Engineering (NBS)	Pharmaceutical Microbiology (BGS)
3.30pm to 4.30pm	Pharmaceutical Microbiology (BGS)	Pharmaceutical Organic Chemistry-II (TRK)	-----	Pharmaceutical Engineering (NBS)	Pharmaceutical Microbiology (BGS)	-----

PHK- P.H.Khade, , TRK:T. R. Kande, BGS: B. G. Shelar, NBS: N B Sayyad,

  
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Time-Table for T.Y. B. Pharm (Sem-V, 2019 Pattern) for A.Y.2022-23.  
[W.E.F -01 /08/2022]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lecture</b> 10.00 am to 11.00 am	Pharmaceutical Jurisprudence (NSN)	Pharmacology-II (VBI)	Pharmacognosy & Phytochemistry-II (RYP)	Medicinal Chemistry-II (KRG)	Formulative Pharmacy (TPS)	Formulative Pharmacy (TPS)
11.00 am to 12.00 noon	Pharmacognosy & Phytochemistry-II (RYP)	Formulative Pharmacy (TPS)	Pharmacology-II (VBI)	Pharmacology-II (VBI)	Pharmaceutical Jurisprudence (NSN)	Medicinal Chemistry-II (KRG)
12.00 noon to 1.00 pm	Pharmacology-II (VBI)	Pharmacognosy & Phytochemistry-II (RYP)	Pharmaceutical Jurisprudence (NSN)	Formulative Pharmacy (TPS)	Medicinal Chemistry-II (KRG)	Pharmacognosy & Phytochemistry-II (RYP)
<b>RECESS : 1.00 pm to 1.30 pm</b>						
<b>Practical Batch-A</b> 1.30 pm to 5.30 pm	Pharmacology-II (VBI)	Formulative Pharmacy (TPS)	Pharmacognosy & Phytochemistry-II (RYP)	Medicinal Chemistry-II <b>Lecture</b> (KRG)	Pharmaceutical Jurisprudence <b>Lecture</b> (NSN)	----
<b>Batch-B</b> 1.30 pm to 5.30 pm	Pharmacognosy & Phytochemistry-II (RYP)	Pharmacology-II (VBI)	Formulative Pharmacy (TPS)	----	----	----
<b>Batch-C</b> 1.30 pm to 5.30 pm	Formulative Pharmacy (TPS)	Pharmacognosy & Phytochemistry-II (RYP)	Pharmacology-II (VBI)	-----	----	----

RYP- Dr.R.Y.Patil, TPS:T.S. Shangrapawar, VBI- V.B.Ingale KRG: K R Ghule, NSN: N S Neharkar

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**Time-Table for Final Year B. Pharm (Sem-VII, 2019 Pattern)**  
**for A.Y.2022-23.**  
**[W.E.F – 18/07/2022]**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lecture</b> 10.00 am to 11.00 am	Instrumental Methods of Analysis (KRG)	Novel Drug Delivery System (BGS)	Instrumental Methods of Analysis (KRG)	Industrial Pharmacy-II (VVD)	Pharmacy Practice (NBS)	Pharmacy Practice (NBS)
11.00 am to 12.00 noon	Novel Drug Delivery System (BGS)	Instrumental Methods of Analysis (KRG)	Novel Drug Delivery System (BGS)	Pharmacy Practice (NBS)	Novel Drug Delivery System (BGS)	GPAT lecture
12.00 noon to 1.00 pm	Industrial Pharmacy-II (VVD)	Industrial Pharmacy-II (VVD)	Instrumental Methods of Analysis (KRG)	Industrial Pharmacy-II (VVD)	GPAT lecture	Pharmacy Practice (NBS)
<b>RECESS : 1.00 pm to 1.30 pm</b>						
<b>Practical</b> <b>Batch-A</b> 1.30 pm to 5.30 pm	<b>Instrumental Methods of Analysis</b>	Practice School	Practice School	Practice School	Practice School	Practice School
<b>Batch-B</b> 1.30 pm to 5.30 pm	Practice School	<b>Instrumental Methods of Analysis</b>	Practice School	Practice School	Practice School	Practice School
<b>Batch-C</b> 1.30 pm to 5.30 pm	Practice School	Practice School	<b>Instrumental Methods of Analysis (KRG)</b>	Practice School	Practice School	Practice School

VVD- V.V.Dhasade, BGS: B. G. Shelar, NBS: N B Sayyad, KRG: K R Ghule.

**Mr. Prashant Khade**  
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**Time Table A.Y. 2022-23.**

**Class: F. Y. M. Pharm 1<sup>st</sup> Semester (Pharmaceutics)**

**W.E.F : 02-01-2023**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 11.00 am	M.P.A.T [MPAT101T] (VUB)	M.P.A.T [MPAT101T] (VUB)	MP [MPH103T] (TPS)	Pharmaceutics Practical-I [MPH105P] (SSK) (Time: 10 am to 4.30 pm)	Pharmaceutics Practical – I [MPH105P] (NSN) (Time: 10 am to 4.30 pm)	D.D.S. [MPH102T] (SSK)
11.00 am to 12.00 pm	D.D.S. [MPH102T] (SSK)	MP [MPH103T] (TPS)	Seminar /Assignment			R.A [MPH104T] (PHK)
12.00 pm to 1.00 pm	R.A [MPH104T] (PHK)	D.D.S. [MPH102T] (SSK)	Seminar /Assignment			M.P.A.T [MPAT101T] (VUB)
RECESS TIME: 1.00 PM TO 01.30 PM						
1.30 pm to 2.30 pm	D.D.S. [MPH102T] (SSK)	MP [MPH103T] (TPS)	M.P.A.T. [MPAT101T] (VUB)			
2.30 pm to 3.30 pm	MP [MPH103T] (TPS)	R.A [MPH104T] (PHK)	Seminar /Assignment			
3.30pm to 4.30 pm	R.A [MPH104T] (PHK)	Seminar /Assignment	Seminar /Assignment			
4.30 pm to 5.30 pm	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment			

VUB : Dr. V.U.Barge	PHK: Mr. P.H. Khade
SSK: Mr. S.S. Kakade	NSN: N S Neharkar
TPS: T.S. Shangrapawar	

MPAT: Modern Pharmaceutical Analytical Tech.	RA: Regulatory Affair
DDS: Drug Delivery System	MP: Modern Pharmaceutics

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**Time Table A.Y. 2022-23**  
**Class: F. Y. M. Pharm I<sup>st</sup> Semester (P.Q.A)**

**W.E.F : 02-01-2023**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 11.00 am	M.P.A.T [MPAT101T] (VUB)	M.P.A.T [MPAT101T] (VUB)	Q.M.S [MQA102T] (TRK)	Pharmaceutical Quality Assurance Practical –I [MQA105P] (VUB) (10 am to 4.30 pm)	Pharmaceutical Quality Assurance Practical-I [MQA105P] (VUB) (10 am to 4.30 pm)	Q.C.Q.A [MQA103T] (AJK)
11.00 am to 12.00 pm	Q.C.Q.A [MQA103T] (AJK)	Q.M.S [MQA102T] (TRK)	Seminar /Assignment			M.P.A.T. [MPAT101T] (VUB)
12.00 pm to 1.00 pm	Q.M.S [MQA102T] (TRK)	P.D.T.T [MQA104T] (VSV)	Q.M.S [MQA102T] (TRK)			Seminar /Assignment
RECESS TIME: 1.00 PM TO 01.30 PM						
1.30 pm to 2.30 pm	P.D.T.T [MQA104T] (VSV)	Q.C.Q.A [MQA103T] (AJK)	M.P.A.T. [MPAT101T] (VUB)			
2.30 pm to 3.30 pm	Seminar /Assignment	P.D.T.T [MQA104T] (VSV)	Q.C.Q.A [MQA103T] (AJK)			
3.30 pm to 4.30 pm	Seminar /Assignment	Seminar /Assignment	P.D.T.T [MQA104T] (VSV)			
4.30 pm to 5.30 pm	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment			

<b>VUB :</b> Dr. Barge V.U	<b>TRK:</b> Ms. Kande T.R.
<b>VSV:</b> Mr. Veer V.S	<b>AJK:</b> Kasabe A.J

<b>MPAT:</b> Modern Pharmaceutical Analytical Tech.	<b>QCQA :</b> Quality Control & Quality Analysis
<b>PDDT:</b> Product Development & Technology Transfer	<b>Q.M.S :</b> Quality Management System

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**Time-Table for A.Y. 2022-23.**  
**Class- S.Y.M. Pharm (Sem-III, 2019 Pattern)**  
**COMMON FOR ALL SPECIALISATIONS**

[W.E.F - 26/07/2022]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lecturers- 10.00 am to 11.00 am</b>	Research work	Research work	Research work	Introduction to constitution (KGK)	Research Methodology & Biostatistics (RYP)	Discussion/Presentation
<b>11.00 am to 12. 00 noon</b>	Research work	Research work	Research work	Research Methodology & Biostatistics (RYP)	Research Methodology & Biostatistics (VBI)	Research Methodology & Biostatistics (VBI)
<b>12.00 noon to 1.00 pm</b>	Research work	Research work	Research work	Research work	Introduction to constitution (KGK)	Journal Club (Department wise)
<b>Recession : 1.00 pm to 1.45 pm</b>						
<b>1.45 pm to 2.45 pm</b>	Research work	Research work	Research work	Research work	Research work	Discussion/Presentation
<b>2.45 pm to 3.45 pm</b>	Research work	Research work	Research work	Research work	Research work	Research work
<b>3.45pm to 4.45pm</b>	Research work	Research work	Research work	Research work	Research work	Research work

RYP: Dr. R.Y. Patil, VBI: Mr. V. B. Ingale, KGK- K.G.Kanase

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**Academic Incharge**  
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**Time-Table for F.Y. B. Pharm (Sem- II, 2019 Pattern) for A.Y.2022-23.**  
**[W.E.F – 08/05/2023]**

Time/Day		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Tutorial	9.00 am to 10.00 am	Lecture CAP-T [BP205T] (SSS)	POC I-T [BP202T] (VSV)	BC-T [BP203T] (AJK)	Patho-T [BP204T] (VBI)	HAP-T [BP201T] (KGK)	
Lecture	10.00 am to 11.00 am	CAP-T [BP205T] (SSS)	HAP-T [BP201T] (KGK)	Patho-T [BP204T] (VBI)	BC-T [BP203T] ] (AJK)	POC I-T [BP202T] (VSV)	
	11.00 am to 12.00 pm	BC-T [BP203T] (AJK)	Patho-T [BP204T] (VBI)	HAP-T [BP201T] (KGK)	POC I-T [BP202T] (VSV)	CAP-T [BP205T] (SSS)	<b>Practical-B</b> POC I-P [BP208P] (NSN) Time: 09.00 am to 01.00 am
	12.00 pm to 1.00 pm	Patho-T [BP204T] (VBI)	ES-T [BP206T] (NSN)	POC I-T [BP202T] (VSV)	HAP-T [BP201T] (KGK)	BC-T [BP203T] ] (AJK)	<b>Practical-C</b> BC-P [BP209P] (AJK) Time: 09.00 am to 01.00 am
<b>RECESS : 1.00 pm to 1.30 pm</b>							
Practical 1.30 pm to 5.30 pm	Batch-A	HAP-P [BP207P] (KGK)	POC I-P [BP208P] (VSV)		BC-P [BP209P] (NMS)	CAP-P [BP210P] (SSS)	ES-T [BP206T] (NSN)
	Batch -B		HAP-P [BP207P] (KGK)	CAP-P [BP210P] (SSS)		BC-P [BP209P] (AJK)	ES-T [BP206T] (NSN)
	Batch-C	POC I-P [BP208P] (VSV)		HAP-P [BP207P] (NMS)	CAP-P [BP210P] (SSS)		

AGK: A. J. Kasbe, VSV: S. S. Veer, KGK: K. G. Kanse, VBI: V. B. Ingale, NMS: N. M. Sayyad, NSN: N. S. Neharkar, SSS: S. S. Sarade

Sr. No.	Name of Subject	Theory Abbr.	Practical Abbr.
1.	Human Anatomy and Physiology II	HAP-T	HAP-P
2.	Pharmaceutical Organic Chemistry I	POC I-T	POC I-P
3.	Biochemistry	BC-T	BC-P
4.	Pathophysiology	Patho-T	
5.	Computer Applications in Pharmacy	CAP-T	CAP-P
6.	Environmental sciences	ES-T	

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**Time-Table for S.Y. B. Pharm (Sem-IV, 2019 Pattern) for A.Y.2022-23.**  
**[W.E.F – 06/02/2023]**

Time/Day		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical</b> 9.00 am to 1.00 pm	<b>Batch-A</b>	PCOL I-P [BP408P] (BGS)	PP II-P [BP407P] (PHK)		PCOG I-P [BP409P] (VVD)	MC I-P [BP406P] (KRG)	
	<b>Batch -B</b>		PCOL I-P [BP408P] (BGS)	PP II-P [BP407P] (PHK)		PCOG I-P [BP409P] (VVD)	MC I-P [BP406P] (KRG)
	<b>Batch-C</b>	PP II-P [BP407P] (TPS)		PCOL I-P [BP408P] (BGS)	MC I-P [BP406P] (KRG)		PCOG I-P [BP409P] (NSN)
<b>RECESS : 1.00 pm to 1.30 pm</b>							
<b>Tutorial</b>	1.30 pm to 2.30 pm	POC III-T [BP401T] (TRK)	MC I-T [BP402T] (KRG)	PP II-T [BP403T] (PHK)	PCOG I-T [BP405T] (VVD)	PCOL I-T [BP404T] (KGK)	
<b>Lecture</b>	2.30 pm to 3.30 pm	PP II-T [BP403T] (PHK)	POC III-T [BP401T] (TRK)	PCOG I-T [BP405T] (VVD)	PCOL I-T [BP404T] (KGK)	PP II-T [BP403T] (PHK)	
	3.30 pm to 4.30 pm	MC I-T [BP402T] (KRG)	MC I-T [BP402T] (KRG)	POC III-T [BP401T] (TRK)	PCOG I-T [BP405T] (VVD)	PCOG I-T [BP405T] (VVD)	
	4.30 pm to 5.30 pm	POC III-T [BP401T] (TRK)	PP II-T [BP403T] (PHK)	MC I-T [BP402T] (KRG)	PCOL I-T [BP404T] (KGK)	PCOL I-T [BP404T] (KGK)	

PHK: P. H. Khade, TPS: T.S. Shangrapawar, VVD: V. V. Dhasade, TRK: T. R. Kande, BGS: B. G. Shelar, KRG: K. R. Ghule, NSN: N. S. Neharkar

Sr. No.	Name of Subject	Theory Abbr.	Practical Abbr.
1.	Pharmaceutical Organic Chemistry III	POC III-T	
2.	Medicinal Chemistry I	MC I-T	MC I-P
3.	Physical Pharmaceutics II	PP II-T	PP II-P
4.	Pharmacology I	PCOL I-T	PCOL I-P
5.	Pharmacognosy and Phytochemistry I	PCOG I-T	PCOG I-P

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**Time-Table for Final Year B. Pharm (Sem-VIII, 2019 Pattern)  
for A.Y.2022-23.  
[W.E.F: 16/01/2023]**

Time/Day		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Project Work	10.00 am to 1.00 pm	Project Work [BP812PW]					GPAT Lecture (Time:10 am to 11 am)
							PV-T [BP805ET] (TPS) (Time:11 am to 12 am)
							Tutorial SPP-T [BP802T] (VVD) (Time: 12 am to 1 pm)
	RECESS : 1.00 pm to 1.30 pm						
Tutorial	1.30 pm to 2.30 pm	CS-T [BP809ET] (BGS)	BRM-T [BP801T] (NSN)	PV-T [BP805ET] (TPS)	Lecture PV-T [BP805ET] (TPS)	GPAT Lecture	
Lecture	2.30 pm to 3.30 pm	BRM-T [BP801T] (NSN)	CS-T [BP809ET] (BGS)	BRM-T [BP801T] (NSN)	CS-T [BP809ET] (BGS)	PV-T [BP805ET] (TPS)	
	3.30 pm to 4.30 pm	SPP-T [BP802T] (VVD)	SPP-T [BP802T] (VVD)	CS-T [BP809ET] (BGS)	BRM-T [BP801T] (NSN)	SPP-T [BP802T] (VVD)	

TPS- T.S. Shangrapawar, VVD- V.V. Dhasade, BGS: B. G. Shelar, NSN: N. S. Neharkar

Sr. No.	Name of Subject	Theory Abbr.
1.	Biostatistics and Research Methodology	BRM-T
2.	Social and Preventive Pharmacy	SPP-T
3.	Pharmacovigilance	PV-T
4.	Cosmetic Science	CS-T
5.	Project Work	PW

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**Time Table A.Y. 2022-23.**  
**F.Y. M. Pharm (Pharmaceutics, Sem- II, 2019 Pattern)**  
**(W.E.F : 08-05-2023)**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 11.00 am	MP-T [MPH201T] (TPS)	ABP-T [MPH202T] (NMS)	CADD-T [MPH203T] (PHK)	PHP II-P [MPH205P] (SSK) (Time: 10 am to 4.30 pm)	PHP II-P [MPH205P] (TPS) (Time: 10 am to 4.30 pm)	CADD-T [MPH203T] (PHK)
11.00 am to 12.00 pm	CADD-T [MPH203T] (PHK)	MP-T [MPH201T] (TPS)	ABP-T [MPH202T] (NMS)			ABP-T T [MPH202T] (NMS)
12.00 pm to 1.00 pm	ABP-T [MPH202T] (NMS)	CADD-T [MPH203T] (PHK)	MP-T [MPH201T] (TPS)			MP-T [MPH201T] (TPS)
RECESS TIME: 1.00 PM TO 01.30 PM						
1.30 pm to 2.30 pm	CC-T [MPH204T] (SSK)	Seminar /Assignment	CC-T[MPH204T] (SSK)			
2.30 pm to 3.30 pm	Seminar /Assignment	CC-T[MPH204T] (SSK)	Seminar /Assignment			
3.30pm to 4.30 pm	Seminar /Assignment	Seminar /Assignment	CC-T[MPH204T] (SSK)			
4.30 pm to 5.30 pm	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment			

SSK: S. S. Kakade, PHK: P. H. Khade, TPS: T. P. Shangrapawar, NMS: N. M. Sayyad

Sr. No.	Name of Subject	Abbr.
1.	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	MP-T
2.	Advanced Biopharmaceutics & Pharmacokinetics	ABP-T
3.	Computer Aided Drug Development	CADD-T
4.	Cosmetic & Cosmeceuticals	CC-T
5.	Pharmaceutics Practical II	PHP II-P

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**Time Table A.Y. 2022-23.**  
**F. Y. M. Pharm (Pharmaceutical Quality Assurance, Sem- II, 2019 Pattern)**  
**(W.E.F : 08-05-2023)**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 11.00 am	PV-T [MQA202T] (TRK)	PMT-T [MQA204T] (VUB)	PV-T [MQA202T] (TRK)	PQA P II-P [MQA205P] (VUB) (Time: 10 am to 4.30 pm)	PQA P II-P [MQA205P] (VUB) (Time: 10 am to 4.30 pm)	HSM-T [MQA201T] (VSV)
11.00 am to 12.00 pm	PMT-T [MQA204T] (VUB)	PV-T [MQA202T] (TRK)	PMT-T [MQA204T] (VUB)			PMT-T [MQA204T] (VUB)
12.00 pm to 1.00 pm	HSM-T [MQA201T] (VSV)	ARC-T [MQA203T] (AJK)	Seminar /Assignment			PV-T [MQA202T] (TRK)
RECESS TIME: 1.00 PM TO 01.30 PM						
1.30 pm to 2.30 pm	ARC-T [MQA203T] (AJK)	ARC-T [MQA203T] (AJK)	HSM-T [MQA201T] (VSV)			
2.30 pm to 3.30 pm	Seminar /Assignment	HSM-T [MQA201T] (VSV)	ARC-T [MQA203T] (AJK)			
3.30pm to 4.30 pm	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment			
4.30 pm to 5.30 pm	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment			

VUB: V. U. Barge, VSV: V. S. Veer, AJK: A. J. Kasbe, TRK: T. R. Kande

Sr. No.	Name of Subject	Abbr.
1.	Hazards and Safety Management	HSM-T
2.	Pharmaceutical Validation	PV-T
3.	Audits and Regulatory Compliance	ARC-T
4.	Pharmaceutical Manufacturing Technology	PMT-T
5.	Pharmaceutical Quality Assurance Practical II	PQA P II-P

  
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**Time-Table for A.Y. 2022-23.**

**Class- S.Y.M. Pharm (Sem-IV, 2019 Pattern)**


**COMMON FOR ALL SPECIALISATIONS**

**W.E.F :**

W.E.F :						
Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Research work 10.00 am to 1.00 pm	Research work					
Recession : 1.00 pm to 1.30 pm						
1.30 pm to 4.30 pm	Research work					
4.30pm to 5.30 pm	Journal Club	Discussion/ Presentation	Discussion/ Presentation	Discussion/ Presentation	Discussion/ Presentation	

  
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**TIME TABLES OF A.Y. 2021-2022**



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**Time-Table for F.Y. B. Pharm ( Sem-I, 2019 Pattern ) for Academic Year 2021-22.**

[W.E.F – 03/01/2022]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's –</b>						
<b>Batch-A</b> 9.00 am to 1.00 pm	Pharmaceutical Inorganic Chemistry (AJK)	Human Anatomy & Physiology-I (KGK)	Pharmaceutics-I (SSK)	Pharmaceutical Analysis-I (VSV)	Communication Skills (CDL)	Remedial Biology (VVD)
<b>Batch-B</b> 9.00 am to 1.00 pm	Pharmaceutics-I (SSK)	Pharmaceutical Inorganic Chemistry (TRK)	Human Anatomy & Physiology-I (KGK)	Remedial Biology (VVD)	Pharmaceutical Analysis-I (VSV)	Communication Skills (CDL)
<b>Batch-C</b> 9.00 am to 1.00 pm	Human Anatomy & Physiology-I (KGK)	Pharmaceutics-I (SSK)	Pharmaceutical Inorganic Chemistry (TRK)	Communication Skills (CDL)	Remedial Biology (VVD)	Pharmaceutical Analysis-I (VSV)
<b>RECESS : 1.00 pm to 1.30 pm</b>						
<b>Lectures-</b> 1.30 pm to 2.30 pm	Pharmaceutics-I (SSK)	Pharmaceutical Analysis-I (VSV)	Pharmaceutics-I (SSK)	Pharmaceutical Analysis-I (VSV)	Human Anatomy & Physiology-I (KGK)	Pharmaceutical Inorganic Chemistry (AJK)
2.30 pm to 3.30 pm	Pharmaceutical Analysis-I (VSV)	Remedial Biology (VVD)	Pharmaceutical Inorganic Chemistry (AJK)	Communication Skills (CDL)	Pharmaceutical Inorganic Chemistry (AJK)	Human Anatomy & Physiology-I (KGK)
3.30 pm to 4.30 pm	Human Anatomy & Physiology-I (KGK)	Pharmaceutics-I (SSK)	Remedial Mathematics (UBL)	Human Anatomy & Physiology-I (KGK)	Communication Skills (CDL)	Remedial Biology (VVD)
4.30 pm to 5.30 pm	Pharmaceutical Analysis-I (VSV)	-----	Remedial Mathematics (UBL)	Pharmaceutical Inorganic Chemistry (AJK)	Pharmaceutics-I (SSK)	-----

AJK- Dr. A.J.Kasabe, VSV- V.S.Veer, KGK: K.G.Kanase, SSK: S.S. Kakade, VVD-V.V. Dhasade, TRK: T.R.Kande, CDL: C.D. Londhe, UBL : U.B.Langote,

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**Time-Table for S.Y. B. Pharm ( Sem-IV, 2019 Pattern ) for Academic Year 2021-22**  
**[W.E.F – 03/01/2022]**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's –</b> <b>Batch-A</b> 9.00 am to 1.00 pm	Medicinal Chemistry I (KRG)	Pharmacognosy and Phytochemistry -I (VVD)	OFF	Physical Pharmaceutics II (PHK)	Pharmacology-I (VBI)	OFF
<b>Batch-B</b> 9.00 am to 1.00 pm	OFF	Medicinal Chemistry I (KRG)	Pharmacognosy and Phytochemistry -I (VVD)	OFF	Physical Pharmaceutics II (PHK)	Pharmacology-I (NMS)
<b>Batch-C</b> 9.00 am to 1.00 pm	Pharmacognosy and Phytochemistry -I (VVD)	OFF	OFF	Pharmacology-I (NMS)	Medicinal Chemistry I (BGS)	Physical Pharmaceutics II (BGS)
<b>RECESS : 1.00 pm to 1.30 pm</b>						
<b>Lectures-</b> 1.30 pm to 2.30 pm	Medicinal Chemistry I (KRG)	Pharm. Org. Chemistry-III (TRK)	Physical Pharmaceutics II (PHK)	Pharmacology-I (VBI)	Medicinal Chemistry I (KRG)	Pharmacology-I (VBI)
2.30 pm to 3.30 pm	Pharmacology-I (VBI)	Medicinal Chemistry I (KRG)	Pharm. Org. Chemistry-III (TRK)	Physical Pharmaceutics II (PHK)	Pharmacognosy and Phytochemistry -I (VVD)	Pharmacognosy and Phytochemistry -I (VVD)
3.30 pm to 4.30 pm	Pharm. Org. Chemistry-III (TRK)	Physical Pharmaceutics II (PHK)	Pharmacognosy and Phytochemistry -I (VVD)	Medicinal Chemistry I (KRG)	Physical Pharmaceutics II (PHK)	Pharmacology-I (VBI)
4.30 pm to 5.30 pm	Pharmacognosy and Phytochemistry -I (VVD)	-----	-----	-----	Pharm. Org. Chemistry-III (TRK)	-----

PHK- P.H. Khade, VBI- V.B. Ingale, VVD-V.V. Dhasade, TRK: T.R.Kande, KRG- K.R.Ghule, BGS: B.G. Shelar, NMS : N.M.Sayyad

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Time-Table for T.Y. B. Pharm ( Sem-VI, 2019 Pattern ) for Academic Year 2021-22.

[W.E.F -03/01/2022]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Lectures- 9.00 am to 10.00 am	Quality Assurance (TRK)	Herbal Drug Technology (RYP)	Biopharmaceutics & Pharmacokinetics (BGS)	Biopharmaceutics & Pharmacokinetics (BGS)	Pharmaceutical Biotechnology (NSN)	Herbal Drug Technology (RYP)
10.00 am to 11.00 am	Pharmacology-III (VBI)	Pharmacology-III (VBI)	Pharmacology-III (VBI)	Herbal Drug Technology (RYP)	Medicinal Chemistry-III (AJK)	Quality Assurance (TRK)
11.00 am to 12.00 noon	Biopharmaceutics & Pharmacokinetics (BGS)	Biopharmaceutics & Pharmacokinetics (BGS)	Medicinal Chemistry-III (KRG)	Quality Assurance (TRK)	Pharmaceutical Biotechnology (NSN)	Medicinal Chemistry-III (KRG)
12.00 noon to 1.00 pm	Pharmaceutical Biotechnology (NSN)	Medicinal Chemistry-III (AJK)	Pharmaceutical Biotechnology (NSN)	Pharmacology-III (VBI)	Herbal Drug Technology (RYP)	Quality Assurance (TRK)
RECESS : 1.00 pm to 1.30 pm						
Practical's – Batch-A 1.30 pm to 5.30 pm	Medicinal Chemistry-III (AJK)	Pharmacology-III (VBI)	Herbal Drug Technology (RYP)	-----	-----	-----
Batch-B 1.30 pm to 5.30 pm	Herbal Drug Technology (RYP)	Medicinal Chemistry-III (AJK)	Pharmacology-III (VBI)	-----	-----	-----
Batch-C 1.30 pm to 5.30 pm	Pharmacology-III (NSN)	Herbal Drug Technology (RYP)	Medicinal Chemistry-III (KRG)	-----	-----	-----

RYP- Dr.R.Y.Patil, AJK: Dr. A.J.Kasabe,, VBI- V.B. Ingale, VVD-V.V. Dhasade, TRK-T.R.Kande, KRG- K.R.Ghule, NSN: N.S. Neharkar

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Time-Table for Final Year B. Pharm ( Sem-VIII, 2018 Pattern ) for Academic Year 2021-2022.

[W.E.F – 03/01/2022]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Lectures- 10.00 am to 11.00 am	Biostatistics & Research Methodology (BGS)	Biostatistics & Research Methodology (BGS)	Biostatistics & Research Methodology (VUB)	Biostatistics & Research Methodology (VUB)	GPAT	GPAT
11.00 am to 12.00 noon	Social & Preventive Pharmacy (NMS)	Social & Preventive Pharmacy (NMS)	Social & Preventive Pharmacy (NMS)	Social & Preventive Pharmacy (NMS)	Career guidance lecture	Career guidance lecture
12.00 noon to 1.00 pm	Elective-1 Cosmetic Science (BGS)	Elective-1 Cosmetic Science (BGS)	Elective-1 Cosmetic Science (BGS)	Elective-1 Cosmetic Science (BGS)	GPAT	GPAT
RECESS : 1.00 pm to 1.30 pm						
Lectures- 1.30 pm to 2.30pm	Elective-2 Pharmacovigilance (KGK)	Elective-2 Pharmacovigilance (KGK)	Elective-2 Pharmacovigilance (KGK)	Elective-2 Pharmacovigilance (KGK)	Project work	Project work
2.30 pm to 5.30 pm	Project work	Project work	Project work	Project work	Project work	Project work
	Project work	Project work	Project work	Project work	Project work	Project work
	Project work	Project work	Project work	Project work	Project work	Project work

VUB: Dr.V.U. Barge, KGK- K.G.Kanase, NMS: N.M.Sayyad , BGS: B.G.Shelar,

Veer V.S.

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Time Table A.Y. 2021-22.  
Class: M. Pharm I<sup>st</sup> Semester (Pharmaceutics)

[W.E.F – 03/01/2022]

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 11.00 am	Modern Pharmaceutics (PHK)	R.A. (NMS)	Modern Pharmaceutics (PHK)	D.D.S (SSK)	Pharmaceutics Practical - I (NMS)	Pharmaceutics Practical-I (PHK)
11.00 am to 12.00 noon	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment		
12.00 noon to 1.00 pm	Modern Pharmaceutics (PHK)	Modern Pharmaceutics (PHK)	R.A. (NMS)	D.D.S (SSK)		
RECESS TIME: 1.00 PM TO 01.30 PM						
1.30 pm to 2.30 pm	M.P.A.T (VUB)	M.P.A.T (VUB)	M.P.A.T. (VUB)	M.P.A.T. (VUB)	Practical	Practical
2.30 pm to 3.30 pm	R.A. (NMS)	D.D.S (SSK)	D.D.S (SSK)	R.A. (NMS)		
3.30 pm to 4.30 pm	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment		

VUB : Dr. V.U. Barge	NMS: Ms. N.M.Sayyad
SSK: Mr. S.S. Kakade	
PHK: Mr. P.H. Khade	

M.P.A.T: Modern Pharmaceutical Analytical Tech.	R.A: Regulatory Affair
D.D.S: Drug Delivery System	-----
M.P: Modern Pharmaceutics	-----

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Dr. Ashok Bhosale  
**Principal**  
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Pune District Education Associations  
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Kharadi, Pune-411 014.

**Time Table A.Y. 2021-22.**

**Class: M. Pharm I<sup>st</sup> Semester (P.Q.A)**

**[W.E.F – 03/01/2022]**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 11.00 am	P.D.T.T (VSV)	Q.C.Q.A (AJK)	Q.M.S (KRG)	Q.M.S (TRK)	Pharmaceutical Quality Assurance Practical -I (VUB)	Pharmaceutical Quality Assurance Practical-I (NSN)
11.00 am to 12.00 noon	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment		
12.00 noon to 1.00 pm	Q.M.S (TRK)	P.D.T.T (VSV)	P.D.T.T (VSV)	Q.C.Q.A (AJK)		
RECESS TIME: 1.00 PM TO 01.30 PM						
1.30 pm to 2.30 pm	M.P.A.T (VUB)	M.P.A.T (VUB)	M.P.A.T. (VUB)	M.P.A.T. (VUB)	Practical	Practical
2.30 pm to 3.30 pm	Seminar /Assignment	Seminar /Assignment	Q.C.Q.A (BGS)	Q.C.Q.A (BGS)		
3.30 pm to 4.30 pm	Q.M.S (KRG)	Seminar /Assignment	P.D.T.T (VSV)	Seminar /Assignment		

VUB : Dr. V.U. Barge	TRK: Ms. T.R. Kande
AJK: Dr. A.J. Kasabe	BGS: Mrs. B.G.Shelar
VSV: Mr. V.S. Veer	NMS: N.S. Neharkar
KRG: Ms. K.R.Ghule	

M.P.A.T: Modern Pharmaceutical Analytical Tech.	Q.C.Q.A : Quality Control & Quality Analysis
Q.M.S : Quality Management System	-----
P.D.D.T: Product Development & Technology Transfer	-----

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**SHANKARRAO URAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE, KHARADI, PUNE-411 014.**

**Time-Table for Academic Year 2021-22.  
Class- S.Y.M. Pharm ( Sem-IV, 2019 Pattern )  
COMMON FOR ALL SPECIALISATIONS  
[W.E.F – 03/01/2022]**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 1.00 pm	Research work	Research work	Research work	Research work	Research work	Research work
	Research work	Research work	Research work	Research work	Research work	Discussion/Presentation
	Research work	Research work	Research work	Research work	Research work	Journal Club
RECESS : 1.00 pm to 1.30pm						
1.30 pm to 4.30 pm	Research work	Research work	Research work	Research work	Research work	Discussion/Presentation
	Research work	Research work	Research work	Research work	Research work	Research work

*W. S. Veer*  
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## Time-Table for F.Y. B. Pharm ( Sem-II, 2019 Pattern ) for Academic Year 2021-22.

[W.E.F – 28/03/2022]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's – Batch-A</b> 9.00 am to 1.00 pm	<b>OFF</b>	Pharmaceutical Organic Chemistry-I (VSV)	Human Anatomy & Physiology-II (KGK)	Biochemistry (AJK)	Computer applications in Pharmacy (MJG)	<b>OFF</b>
<b>Batch-B</b> 9.00 am to 1.00 pm	Human Anatomy & Physiology-II (KGK)	<b>OFF</b>	Pharmaceutical Organic Chemistry-I (VSV)	<b>OFF</b>	Biochemistry (TRK)	Computer applications in Pharmacy (MJG)
<b>Batch-C</b> 9.00 am to 1.00 pm	Pharmaceutical Organic Chemistry-I (VSV)	Human Anatomy & Physiology-II (KGK)	<b>OFF</b>	Computer applications in Pharmacy (MJG)	<b>OFF</b>	Biochemistry (TRK)
<b>RECESS : 1.00 pm to 1.30 pm</b>						
<b>Lectures-</b> 1.30 pm to 2.30 pm	Pharmaceutical Organic Chemistry-I (VSV)	Computer applications in Pharmacy (MJG)	*Environmental Sciences (TPS)	Human Anatomy & Physiology-II (KGK)	*Environmental Sciences (TPS)	Pathophysiology (NSN)
2.30 pm to 3.30 pm	Computer applications in Pharmacy (MJG)	Pharmaceutical Organic Chemistry-I (VSV)	Biochemistry (AJK)	Pathophysiology (NSN)	Biochemistry (AJK)	Human Anatomy & Physiology-II (KGK)
3.30 pm to 4.30 pm	*Environmental Sciences (TPS)	Computer applications in Pharmacy (MJG)	Pharmaceutical Organic Chemistry-I (VSV)	Biochemistry (AJK)	Human Anatomy & Physiology-II (KGK)	*Democracy, Election and Governance (VVD)
4.30 pm to 5.30 pm	*Democracy, Election and Governance (VVD)	Pathophysiology (NSN)	Human Anatomy & Physiology-II (KGK)	Pathophysiology (NSN)	Pharmaceutical Organic Chemistry-I (VSV)	Biochemistry (AJK)

AJK- Dr. A.J. Kasabe VSV- V.S.Veer, KGK- K.G.Kanase, , TPS: T.P.Shangrapawar, VVD- V.V.Dhasade, NSN: N.S. Neharkar, MJG: M.J. Gahdekar

\*indicates Non-university examination subjects

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**Revised Time-Table for S.Y. B. Pharm ( Sem-IV, 2019 Pattern ) for Academic Year 2021-22.**  
[W.E.F – 28/03/2022]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's –</b> <b>Batch-A</b> 9.00 am to 1.00 pm	Medicinal Chemistry-I (KRG)	Physical Pharmaceutics II (PHK)	Pharmacognosy & Phytochemistry-I (VVD)	Pharmacology-I (VBI)	OFF	OFF
<b>Batch-B</b> 9.00 am to 1.00 pm	Pharmacognosy & Phytochemistry-I (VVD)	Medicinal Chemistry-I (BGS)	Physical Pharmaceutics II (SSK)	OFF	Pharmacology-I (NMS)	OFF
<b>Batch-C</b> 9.00 am to 1.00 pm	Physical Pharmaceutics II (TPS)	Pharmacognosy & Phytochemistry-I (VVD)	Medicinal Chemistry-I (BGS)	OFF	OFF	Pharmacology-I (NMS)
<b>RECESS : 1.00 pm to 1.30 pm</b>						
<b>Lectures-</b> 1.30 pm to 2.30 pm	Physical Pharmaceutics II (PHK)	Pharmacognosy and Phytochemistry -I (VVD)	Pharmaceutical Organic Chemistry-III (TRK)	Pharmacology-I (VBI)	Pharmaceutical Organic Chemistry-III (TRK)	---
2.30 pm to 3.30 pm	Pharmacognosy and Phytochemistry -I (VVD)	Pharmaceutical Organic Chemistry-III (TRK)	Medicinal Chemistry-I (KRG)	Physical Pharmaceutics II (PHK)	Pharmacology-I (VBI)	---
3.30 pm to 4.30 pm	Pharmacology-I (VBI)	Physical Pharmaceutics II (PHK)	Pharmacognosy and Phytochemistry -I (VVD)	Medicinal Chemistry-I (KRG)	Medicinal Chemistry-I (KRG)	---
4.30 pm to 5.30 pm	Medicinal Chemistry-I (KRG)	Pharmacognosy and Phytochemistry -I (VVD)	Physical Pharmaceutics II (PHK)	Pharmacology-I (VBI)	Pharmaceutical Organic Chemistry-III (TRK)	---

PHK: P.H. Khade, SSK : S.S.Kakade, TPS: T.P. Shangrapawar, VBI- V.B. Ingale, VVD-V.V. Dhasade, TRK-T.R.Kande, KRG- K.R.Ghule, BGS- B.G.Shelar, NMS: N.M.Sayyad

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**Revised Time-Table for T.Y. B. Pharm ( Sem-VI, 2019 Pattern ) for Academic Year 2021-22.**

[W.E.F – 28/03/2022]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lecturers-</b> 10.00 am to 11.00 am	Herbal Drug Technology (RYP)	Pharmaceutical Biotechnology (NSN)	Pharmacology-III (VBI)	Quality Assurance (TRK)	Medicinal Chemistry-III (AJK)	Biopharmaceutics & Pharmacokinetics (BGS)
11.00 am to 12.00 noon	Pharmaceutical Biotechnology (NSN)	Pharmacology-III (VBI)	Quality Assurance (TRK)	Herbal Drug Technology (RYP)	Biopharmaceutics & Pharmacokinetics (BGS)	Medicinal Chemistry-III (KRG)
12.00 noon to 1.00 pm	Pharmacology-III (VBI)	Quality Assurance (TRK)	Herbal Drug Technology (RYP)	Biopharmaceutics & Pharmacokinetics (BGS)	Medicinal Chemistry-III (KRG)	Pharmacology-III (VBI)
<b>Recess: 1.00 pm to 1.30pm</b>						
<b>Practical's – Batch-A</b> 1.30 pm to 5.30 pm	Medicinal Chemistry-III (AJK)	Pharmacology-III (VBI)	Herbal Drug Technology (RYP)	Medicinal Chemistry-III Lecture (KRG)	Pharmaceutical Biotechnology Lecture (NSN)	—
<b>Batch-B</b> 1.30 pm to 5.30 pm	Herbal Drug Technology (RYP)	Medicinal Chemistry-III (KRG)	Pharmacology-III (VBI)	Quality Assurance Lecture (TRK)	Biopharmaceutics & Pharmacokinetics Lecture (BGS)	—
<b>Batch-C</b> 1.30 pm to 5.30 pm	Pharmacology-III (NSN)	Herbal Drug Technology (RYP)	Medicinal Chemistry-III (VUB)	Herbal Drug Technology Lecture (RYP)	Pharmaceutical Biotechnology Lecture (NSN)	—

RYP: Dr. R.Y. Patil, VUB: Dr. V.U. Barge, AJK: Dr. A.J. Kasbe, VBI: V.B. Ingale, TRK: T.R. Kande, BGS: B.G. Shelar, NSN: N.S. Neharkar, KRG: K.R. Ghule

Mr. Veer V.S.

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**Revised Time-Table for Final Year B. Pharm ( Sem-VIII, 2018 Pattern ) for Academic Year 2021-22.**

[W.E.F – 28/03/2022]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lectures:</b> 10.00 am to 11.00 am	Biostatistics & Research Methodology (VUB)	Social & Preventive Pharmacy (NMS)	Social & Preventive Pharmacy (NMS)	Pharmacovigilance (KGK)	Pharmacovigilance (KGK)	Cosmetic Science (BGS)
11.00 am to 12.00 noon	Cosmetic Science (BGS)	Biostatistics & Research Methodology (VUB)	Biostatistics & Research Methodology (RYP)	Cosmetic Science (BGS)	Cosmetic Science (BGS)	Pharmacovigilance (KGK)
12.00 noon to 1.00 pm	Biostatistics & Research Methodology (RYP)	Social & Preventive Pharmacy (NMS)	Social & Preventive Pharmacy (NMS)	Pharmacovigilance (KGK)	-----	-----
<b>Recess: 1.00 pm to 1.30 pm</b>						
<b>Lectures:</b> 1.30 pm to 2.30 pm	Project work	Project work	Project work	Project work	Project work	Project work
2.30 pm to 3.30 pm	Project work	Project work	Project work	Project work	Project work	Project work
3.30 pm to 4.30 pm	Project work	Project work	Project work	Project work	Project work	Project work

RYP: Dr. R.Y.Patil, VUB- Dr. V.U., Barge, KGK- K.G Kanase, BGS- B.G, Shelar NMS: N.M.Sayyad

**Mr. Veer V.S.**  
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Kharadi, Pune-411 014.

**Time Table A.Y. 2021-22**

**Class: M. Pharm II<sup>nd</sup> Semester (Pharmaceutics)**

**[W.E.F – 28/03/2022].**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lectures :</b> 10.00 am to 11.00 am	Computer Aided Drug Development (PHK)	Cosmetic & Cosmeceuticals (SSK)	Computer Aided Drug Development (PHK)	Cosmetic & Cosmeceuticals (SSK)	Pharmaceutics Practical -II (PHK)	Pharmaceutics Practical-II (SSK)
11.00 am to 12.00 noon	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment		
12.00 noon to 1.00 pm	Advanced Biopharmaceutics & Pharmacokinetics (NMS)	Cosmetic & Cosmeceuticals (SSK)	Computer Aided Drug Development (PHK)	Advanced Biopharmaceutics & Pharmacokinetics (NMS)		
<b>RECESS TIME: 1.00 PM TO 1.30 PM</b>						
<b>Lectures :</b> 1.30 pm to 2.30 pm	Molecular Pharmaceutics (Nano Tech and Targeted DDS) (TPS)	Computer Aided Drug Development (PHK)	Cosmetic & Cosmeceuticals (SSK)	Molecular Pharmaceutics (Nano Tech and Targeted DDS) (TPS)	Practical	Practical
2.30 pm to 3.30 pm	Advanced Biopharmaceutics & Pharmacokinetics (NMS)	Molecular Pharmaceutics (Nano Tech and Targeted DDS) (TPS)	Molecular Pharmaceutics (Nano Tech and Targeted DDS) (TPS)	Advanced Biopharmaceutics & Pharmacokinetics (NMS)		
3.30pm to 4.30 pm	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment		

<b>SSK:</b> S.S. Kakade	<b>NMS:</b> N.M.Sayyad
<b>PHK:</b> P.H. Khade	-----
<b>TPS:</b> T.P.Shangrapawar	-----

**Mr. Veer V.S.**

**Academic Incharge**

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**Dr. Ashok Bhosale**

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Time Table A.Y. 2021-22.  
Class: M. Pharm II<sup>nd</sup> Semester (P.Q.A)

[W.E.F – 28/03/2022]

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Lectures : 10.00 am to 11.00 am	Audits and Regulatory Compliance (AJK)	Pharmaceutical Validation (TRK)	Pharmaceutical Manufacturing Technology (VUB)	Hazards & Safety Management (VSV)	Pharma- ceutical Quality Assurance Practical -II (NSN)	Pharma- ceutical Quality Assurance Practical-II (VUB)
11.00 am to 12.00 noon	Seminar /Assignment	Audits and Regulatory Compliance (AJK)	Audits and Regulatory Compliance (AJK)	Seminar /Assignment		
12.00 noon to 1.00 pm	Pharmaceutical Validation (TRK)	Pharmaceutical Validation (KRG)	Pharmaceutical Validation (KRG)	Hazards & Safety Management (VSV)		
RECESS TIME: 1.00 PM TO 1.30 PM						
Lectures : 1.30 pm to 2.30 pm	Pharmaceutical Manufacturing Technology (VUB)	Pharmaceutical Manufacturing Technology (VUB)	Hazards & Safety Management (VSV)	Pharmaceutical Manufacturing Technology (VUB)	Practical	Practical
2.30 pm to 3.30 pm	Hazards & Safety Management (VSV)	Audits and Regulatory Compliance (AJK)	Seminar /Assignment	Seminar /Assignment		
3.30pm to 4..30 pm	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment		

VUB : Dr. V.U. Barge	TRK: T.R.Kande
AJK: Dr. A.J. Kasabe	KRG: K.R. Ghule
VSV: V.S. Veer	-----

Mr. Veer V.S.

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Kharadi, Pune-411014



Revised Time-Table for Academic Year 2021-22.

**Class- S.Y.M. Pharm ( Sem-IV, 2019 Pattern )****COMMON FOR ALL SPECIALISATIONS**

[W.E.F – 28/03/2022]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
11.00 am to 12.00 noon	Research work	Research work	Research work	Research work	Research work	Discussion/Presentation
12.00 noon to 1.00 pm	Research work	Research work	Research work	Research work	Research work	Journal Club
RECESS : 1.00 pm to 1.30 pm						
1.30 pm to 2.30 pm	Research work	Research work	Research work	Research work	Research work	Discussion/Presentation
2.30 pm to 3.30 pm	Research work	Research work	Research work	Research work	Research work	Research work


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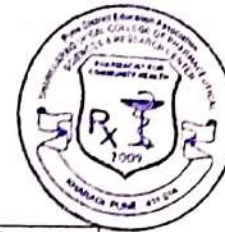


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**TIME TABLES OF A.Y. 2020-2021**



**Revised Time-Table for F.Y. B. Pharm ( Sem-I, 2019 Pattern ) for Academic Year 2020-21.**  
**[ Online Teaching W.E.F – 05 /04/ 2021]**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lectures-</b> 9.00 am to 10.00 am	-----	Pharmaceutical Analysis-I (VSV)	Pharmaceutics-I (MBL)	Pharmaceutical Inorganic chemistry (AJK)	Human Anatomy & Physiology-I (KGK)	----
10.00 am to 11.00 am	Human Anatomy & Physiology-I (KGK)	Pharmaceutical Inorganic chemistry (AJK)	Remedial Mathematics (UBL)	Remedial Biology (VVD)	Pharmaceutical Analysis-I (VSV)	Pharmaceutics-I (SSK)
11.00 am to 12.00 noon	Pharmaceutical Analysis-I (VSV)	Pharmaceutics-I (SSK)	Human Anatomy & Physiology-I (KGK)	Pharmaceutical Inorganic chemistry (AJK)	Communication skills (CDL)	Communication skills (CDL)
12.00 noon to 1.00 pm	Pharmaceutical Inorganic chemistry (AJK)	Human Anatomy & Physiology-I (KGK)	Remedial Mathematics (UBL)	Pharmaceutical Analysis-I (VSV)	Pharmaceutics-I (SSK)	Remedial Biology (VBI)
<b>RECESS : 1.00 pm to 1.30 pm</b>						
<b>Practical's –</b> <b>Batch-A</b> 1.30 pm to 4.30 pm	Pharmaceutics-I (SSK)	Pharmaceutical Analysis-I (VSV)	Human Anatomy & Physiology-I (KGK)	Pharmaceutical Inorganic chemistry (AJK)	Communication skills (CDL)	Remedial Biology (VBI)
<b>Batch-B</b> 1.30 pm to 4.30 pm	Human Anatomy & Physiology-I (KGK)	Pharmaceutics-I (SSK)	Pharmaceutical Analysis-I (VSV)	Remedial Biology (VVD)	Pharmaceutical Inorganic chemistry (AJK)	Communication skills (CDL)
<b>Batch-C</b> 1.30 pm to 4.30 pm	Pharmaceutical Analysis-I (VSV)	Human Anatomy & Physiology-I (KGK)	Pharmaceutics-I (SSK)	Communication skills (CDL)	Remedial Biology (VVD)	Pharmaceutical Inorganic chemistry (AJK)

AJK- Dr. A.J. Kasabe VSV- V.S.Veer, KGK- K.G.Kanase, SSK- S.S.Kakade, VBI- V.B.Ingale, VVD- V.V.Dhasade, CDL- C.D.Londhe, URL- U.R. Langote

**Mr. Vikram Veer**  
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Revised Time-Table for S.Y. B. Pharm ( Sem-IV, 2019 Pattern ) for Academic Year 2020-21.  
[ Online Teaching W.E.F – 05 /04/ 2021]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lectures-</b> 10.00 am to 11.00 am	Pharmacology-I (VBI)	Medicinal Chemistry I (KRG)	Physical Pharmaceutics II (PHK)	Medicinal Chemistry I (KRG)	Pharmacognosy and Phytochemistry -I (RYP)	Pharmacology-I (VBI)
11.00 am to 12.00 noon	Physical Pharmaceutics II (PHK)	Pharmacology-I (VBI)	Pharmacognosy and Phytochemistry -I (VVD)	Pharmaceutical Organic Chemistry-III (PIK)	Medicinal Chemistry I (KRG)	Pharmaceutical Organic Chemistry-III (PIK)
12.00 noon to 1.00 pm	Pharmacognosy and Phytochemistry -I (VVD)	Physical Pharmaceutics II (PHK)	Pharmaceutical Organic Chemistry-III (PIK)	Pharmacology-I (VBI)	Pharmaceutical Organic Chemistry-III (PIK)	Medicinal Chemistry I (KRG)
RECESS : 1.00 pm to 1.30 pm						
<b>Practical's –</b> <b>Batch-A</b> 1.30 pm to 4.30 pm	Physical Pharmaceutics II (PHK)	Pharmacognosy and Phytochemistry -I (VVD)	Pharmacology-I (VBI)	Medicinal Chemistry I (KRG)	OFF	Physical Pharmaceutics II (PHK) LECTURE
<b>Batch-B</b> 1.30 pm to 4.30 pm	Pharmacology-I (MBL)	Physical Pharmaceutics II (PHK)	Pharmacognosy and Phytochemistry -I (VVD)	Pharmacognosy and Phytochemistry -I (RYP)	Medicinal Chemistry I (KRG)	
<b>Batch-C</b> 1.30 pm to 4.30 pm	Pharmacognosy and Phytochemistry -I (PIK)	Pharmacology-I (MBL)	Physical Pharmaceutics II (PIK)	LECTURE	OFF	Medicinal Chemistry I (KRG)

RYP- Dr.R.Y.Patil, PHK- P.H. Khade, VBI- V.B. Ingale, VVD-V.V. Dhasade, PIK-P.I. Kharbas, KRG- K.R.Ghule, MBL- M.B. Lalge

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Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre  
Kharadi, Pune- 411014





**Revised Time-Table for Academic Year 2020-21.**  
**Class- Third Year B. Pharm ( Sem-VI, 2018 Pattern )**  
**[ Online Teaching W.E.F – 05/04/2021 ]**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's – Batch-A</b> 10.00 am to 1.00 pm	Medicinal Chemistry-III (PIK)	Pharmacology-III (PDK)	Herbal Drug Technology (RYP)	Medicinal Chemistry-III (PIK) LECTURE	Biopharmaceutics & Pharmacokinetics (PDK) LECTURE	-----
<b>Batch-B</b> 10.00 am to 1.00 pm	Herbal Drug Technology (RYP)	Medicinal Chemistry-III (PIK)	Pharmacology-III (VBI)	Pharmaceutical Biotechnology (NSK) LECTURE	Pharmacology-III (VBI) LECTURE	-----
<b>Batch-C</b> 10.00 am to 1.00 pm	Pharmacology-III (PDK)	Herbal Drug Technology (RYP)	Medicinal Chemistry-III (PDK)	Herbal Drug Technology (RYP) LECTURE	Biopharmaceutics & Pharmacokinetics (PDK) LECTURE	-----
<b>Recess: 1.00 pm to 1.30 pm</b>						
<b>Lecturers- 1.30 pm to 2.30 pm</b>	Quality Assurance (BGS)	Pharmacology-III (VBI)	Herbal Drug Technology (RYP)	Pharmaceutical Biotechnology (NSK)	Quality Assurance (BGS)	Biopharmaceutics & Pharmacokinetics (PDK)
<b>2.30 pm to 3.30 pm</b>	Biopharmaceutics & Pharmacokinetics (PDK)	Quality Assurance (BGS)	Pharmaceutical Biotechnology (NSK)	Pharmacology-III (VBI)	Medicinal Chemistry-III (PIK)	Medicinal Chemistry-III (PIK)
<b>3.30 pm to 4.30 pm</b>	Pharmacology-III (VBI)	Herbal Drug Technology (RYP)	Quality Assurance (BGS)	Medicinal Chemistry-III (PIK)	Pharmaceutical Biotechnology (NSK)	Herbal Drug Technology (RYP)

RYP- Dr. R.Y Patil, VBI- V.B.Ingale, VVD- Dhasade V.V, BGS- B.G Shelar, , NSK- Kolte N.S, PIK-P.I. Kharbas ,PDK- P.D. Khade, MBL- M.B. Lalge

**Veer V.S.**  
**Academic Incharge**  
**Academic Incharge**  
**P. D. E. A's**

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Kharadi, Pune- 411014.

**Dr. Ashok Bhosale**  
**Principal**  
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Kharadi, Pune- 411014.

Revised Time-Table for Academic Year 2020-21.  
Class- Final Year B. Pharm (Sem-VIII, 2015 Pattern)  
[ Online Teaching W.E.F – 05/04/2021]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's – Batch-A</b> 10.00 am to 1.00 pm	Advanced drug delivery System (NSK)	Pharmaceutical Analysis-VI (VUB)	Medicinal Chemistry-IV (VSV)	Cosmetic Science (BGS)	Pharmacology- V (Including Biostatistics) (VVD)	Pharmacology- V (Including Biostatistics) (KGK) LECTURE
<b>Batch-B</b> 10.00 am to 1.00 pm	Natural products: Commerce, Ind.& regulations (VVD) LECTURE	Advanced drug delivery System (NSK)	Pharmaceutical Analysis-VI (BGS)	Medicinal Chemistry-IV (VSV)	Cosmetic Science (BGS)	Pharmacology- V (Including Biostatistics) (VVD)
<b>Batch-C</b> 10.00 am to 1.00 pm	Pharmaceutical Analysis-VI (BGS)	Cosmetic Science (BGS) LECTURE	Advanced drug delivery System (NSK)	Pharmacology- V (Including Biostatistics) (KGK)	Medicinal Chemistry-IV (AJK)	Cosmetic Science (BGS)
Recess: 1.00 pm to 1.30 pm						
<b>Lecturers- 1.30 pm to 2.30 pm</b>	Advanced drug delivery System (NSK)	Quality Assurance Techniques (KRG)	Medicinal Chemistry-IV (KRG)	Cosmetic Science (BGS)	Pharmacology- V (Including Biostatistics) (KGK)	Natural products: Commerce, Ind.& regulations (VVD)
<b>2.30 pm to 3.30 pm</b>	Quality Assurance Techniques (KRG)	Advanced drug delivery System (NSK)	Advanced drug delivery System (NSK)	Medicinal Chemistry-IV (VSV)	Medicinal Chemistry-IV (VSV)	Pharmaceutical Analysis-VI (VUB)
<b>3.30 pm to 4.30 pm</b>	Pharmaceutical Analysis-VI (VUB)	Pharmaceutical Analysis-VI (KRG)	Quality Assurance Techniques (KRG)	Natural products: Commerce, Ind.& regulations (VVD)	Cosmetic Science (BGS)	Pharmacology- V (Including Biostatistics) (KGK)

VUB- Dr. V.U., Barg,e KGK- K.G Kanase, VVD- V.V Dhasade, BGS- Shelar B.G, VSV- V.S.Veer, AJK: Dr. A.J. Kasabe, NSK- Kolte N.S. KRG: K.R. Ghule

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Kharadi, Pune-411 014.

Revised Time Table A.Y. 2020-21.

Class: M. Pharm 1<sup>st</sup> Semester (Pharmaceutics)

[ Online Teaching W.E.F – 05/04/2021]

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 11.00 am	D.D.S. (MBL)	R.A. (MBL)	D.D.S. (SSK)	M.P (PDK)	Pharmaceutics Practical - I (PHK)	Pharmaceutics Practical-I (NSK)
11.00 am to 12.00 noon	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment	R.A. (PHK)		
12.00 noon to 1.00 pm	Seminar /Assignment	D.D.S. (MBL)	R.A. (PHK)	D.D.S. (MBL)		
RECESS TIME: 1.00 PM TO 01.30 PM						
1.30 pm to 2.30 pm	M.P.A.T (VUB)	M.P.A.T (VUB)	M.P.A.T. (VUB)	M.P.A.T. (VUB)	Practical	Practical
2.30 pm to 3.30 pm	Seminar /Assignment	Seminar /Assignment	M.P (PDK)	M.P (PDK)		
3.30 pm to 4.30 pm	Seminar /Assignment	M.P (PDK)	R.A. (MBL)	Seminar /Assignment		

<b>VUB :</b> Dr. V.U. Barge	<b>PDK:</b> Mrs. P.D.Khade
<b>SSK:</b> Mr. S.S. Kakade	<b>NSK :</b> Ms. N.S.Kolte
<b>PHK:</b> Mr. P.H. Khade	<b>MBL:</b> Ms.M.B.Lalge

<b>M.P.A.T:</b> Modern Pharmaceutical Analytical Tech.	<b>R.A:</b> Regulatory Affair
<b>D.D.S:</b> Drug Delivery System	-----
<b>M.P:</b> Modern Pharmaceutics	-----

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Kharadi, Pune-411 014.

Revised Time Table A.Y. 2020-21.

Class: M. Pharm 1<sup>st</sup> Semester (P.Q.A)

[ Online Teaching W.E.F – 05 /04/ 2021]

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 11.00 am	Q.C.Q.A (AJK)	P.D.T.T (VSV)	P.D.T.T (PIK)	P.D.T.T (VSV)	Pharmaceutical Quality Assurance Practical -I (VUB)	Pharmaceutical Quality Assurance Practical-I (KRG)
11.00 am to 12.00 noon	Seminar /Assignment	Seminar /Assignment	Q.M.S (KRG)	Seminar /Assignment		
12.00 noon to 1.00 pm	Q.M.S (KRG)	Q.C.Q.A (AJK)	Seminar /Assignment	Seminar /Assignment		
RECESS TIME: 1.00 PM TO 01.30 PM						
1.30 pm to 2.30 pm	M.P.A.T (VUB)	M.P.A.T (VUB)	M.P.A.T. (VUB)	M.P.A.T. (VUB)	Practical	Practical
2.30 pm to 3.30 pm	Q.C.Q.A (AJK)	Seminar /Assignment	Seminar /Assignment	P.D.T.T (PIK)		
3.30 pm to 4.30 pm	Seminar /Assignment	Q.M.S (BGS)	Q.C.Q.A (AJK)	Q.M.S (BGS)		

VUB : Dr. V.U. Barge	KRG: Ms. K.R.Ghule
AJK: Dr. A.J. Kasabe	PIK: Ms. P.I. Kharbas
VSV: Mr. V.S. Veer	BGS: Mrs. B.G.Shelar

M.P.A.T: Modern Pharmaceutical Analytical Tech.	Q.C.Q.A : Quality Control & Quality Analysis
Q.M.S : Quality Management System	-----
P.D.D.T: Product Development & Technology Transfer	-----

V.S. Veer  
Academic Incharge  
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Dr. Ashok Bhosale

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**Revised Time-Table for Academic Year 2020-21.**  
**Class- S.Y.M. Pharm ( Sem-IV, 2019 Pattern )**  
**COMMON FOR ALL SPECIALISATIONS**

[ Online Teaching W.E.F – 05 /04/ 2021]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 1.00 pm	Research work	Research work	Research work	Research work	Research work	Research work
	Research work	Research work	Research work	Research work	Research work	Discussion/Presentation
	Research work	Research work	Research work	Research work	Research work	Journal Club
<b>RECESS : 1.00 pm to 1.30pm</b>						
1.30 pm to 4.30 pm	Research work	Research work	Research work	Research work	Research work	Discussion/Presentation
	Research work	Research work	Research work	Research work	Research work	Research work

**Mr. Vikram Veer**  
**Academic Incharge**  
**Academic Incharge**  
**P. D. E. A's**  
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**Time-Table for F.Y. B. Pharm ( Sem-II, 2019 Pattern ) for Academic Year 2020-21.**  
**[ Online Teaching W.E.F -17/5 /2021]**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lectures-</b> 10.00 am to 11.00 am	Human Anatomy & Physiology-II (KGK)	Pharmaceutical Organic Chemistry-I (VSV)	Biochemistry (AJK)	Pharmaceutical Organic Chemistry-I (VSV)	Democracy, Election & Governance (VVD)	Pathophysiology (BGS)
11.00 am to 12.00 noon	Biochemistry (AJK)	Human Anatomy & Physiology-II (KGK)	Computer Application in Pharmacy (MJG)	Biochemistry (AJK)	Computer Application in Pharmacy (MJG)	Environmental Science (MBL)
12.00 noon to 1.00 pm	Pharmaceutical Organic Chemistry-I (VSV)	Computer Application in Pharmacy (MJG)	Human Anatomy & Physiology-II (KGK)	Pathophysiology (BGS)	Environmental Science (MBL)	Pathophysiology (BGS)
<b>RECESS : 1.00 pm to 1.30 pm</b>						
<b>Practical's -</b> <b>Batch-A</b> 1.30 pm to 4.30 pm	Pharmaceutical Organic Chemistry-I (VSV)	Biochemistry (AJK)	Human Anatomy & Physiology-II (KGK)	Computer Application in Pharmacy (MJG)	Pathophysiology (BGS) [ Lecture 2.30 pm to 3.30 pm]	Democracy, Election & Governance (VVD) [ Lecture 2.30 pm to 3.30pm]
<b>Batch-B</b> 1.30 pm to 4.30 pm	Human Anatomy & Physiology-II (KGK)	Pharmaceutical Organic Chemistry-I (VSV)	Biochemistry (AJK)	Human Anatomy & Physiology-II (KGK) [ Lecture 2.30 pm to 3.30 pm]	Computer Application in Pharmacy (MJG)	Environmental Science [ Lecture 3.30 pm to 4.30 pm]
<b>Batch-C</b> 1.30 pm to 4.30 pm	Biochemistry (AJK)	Human Anatomy & Physiology-II (KGK)	Pharmaceutical Organic Chemistry-I (VSV)	Pharmaceutical Organic Chemistry-I (VSV) [ Lecture 3.30 pm to 4.30 pm]	Biochemistry (AJK) [ Lecture 3.30 pm to 4.30 pm]	Computer Application in Pharmacy (MJG)

AJK- Dr. A.J. Kasabe VSV- V.S. Veer, KGK- K.G. Kanase, SSK- S.S. Kakade, VVD- V.V. Dhasade, MJG- M.J. Gadekar, MBL- M.B. Lalge

**Mr. Vikram Veer**  
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**Time-Table for S.Y. B. Pharm ( Sem-IV, 2019 Pattern ) for Academic Year 2020-21**  
[ Online Teaching W.E.F -21/5 /2021]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lectures-</b> 10.00 am to 11.00 am	Medicinal Chemistry I (KRG)	Pharmacognosy and Phytochemistry -I (VVD)	Physical Pharmaceutics II (PHK)	Pharmacology-I (VBI)	Pharmaceutical Organic Chemistry III (AJK)	Pharmaceutical Organic Chemistry III (VSV)
11.00 am to 12.00 noon	Physical Pharmaceutics II (PHK)	Medicinal Chemistry I (KRG)	Medicinal Chemistry I (KRG)	Pharmacognosy and Phytochemistry -I (RYP)	Medicinal Chemistry I (KRG)	Pharmacology-I (VBI)
12.00 noon to 1.00 pm	Pharmacognosy and Phytochemistry -I (VVD)	Pharmacology-I (VBI)	Physical Pharmaceutics II (PHK)	Pharmacology-I (VBI)	Pharmaceutical Organic Chemistry III (VSV)	Pharmaceutical Organic Chemistry III (AJK)
<b>RECESS : 1.00 pm to 1.30 pm</b>						
<b>Practical's -</b> <b>Batch-A</b> 1.30 pm to 4.30 pm	Physical Pharmaceutics II (PHK)	Pharmacognosy and Phytochemistry -I (VVD)	Pharmacology-I (VBI)	Medicinal Chemistry I (KRG)	OFF	Physical Pharmaceutics II (PHK)
<b>Batch-B</b> 1.30 pm to 4.30 pm	Pharmacology-I (MBL)	Physical Pharmaceutics II (PHK)	Pharmacognosy and Phytochemistry -I (VVD)	Pharmacognosy and Phytochemistry -I (RYP)	Medicinal Chemistry I (KRG)	[ Lecture 2.30 pm to 3.30 pm]
<b>Batch-C</b> 1.30 pm to 4.30 pm	Pharmacognosy and Phytochemistry -I (PIK)	Pharmacology-I (MBL)	Physical Pharmaceutics II (MBL)	[ Lecture 2.30 pm to 3.30 pm]	OFF	Medicinal Chemistry I (KRG)

RYP- Dr.R.Y.Patil, AJK: Dr.A.J.Kasabe, VSV: V.S.Veer, PHK- P.H. Khade, VBI- V.B. Ingale, VVD-V.V. Dhasade, PIK-P.I. Kharbas, KRG- K.R. Ghule,, MBL- M.B. Lalghe

**Mr. Vikram Veer**  
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**Time-Table for Academic Year 2020-21.**  
**Class- T.Y. B. Pharm ( Sem-VI, 2018 Pattern )**  
**[ Online Teaching W.E.F - 05/05/2021 ]**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's – Batch-A</b> 10.00 am to 1.00 pm	Medicinal Chemistry-III (PDK)	Pharmacology-III (PDK)	Herbal Drug Technology (RYP)	Medicinal Chemistry-III (PIK) LECTURE	Quality Assurance (MBL) LECTURE	-----
<b>Batch-B</b> 10.00 am to 1.00 pm	Herbal Drug Technology (RYP)	Medicinal Chemistry-III (PIK)	Pharmacology-III (VBI)	Pharmaceutical Biotechnology (NSK) LECTURE	Pharmacology-III (VBI) LECTURE	-----
<b>Batch-C</b> 10.00 am to 1.00 pm	Pharmacology-III (VBI)	Herbal Drug Technology (RYP)	Medicinal Chemistry-III (PIK)	Quality Assurance (MBL) LECTURE	Herbal Drug Technology (RYP) LECTURE	-----
<b>Recess: 1.00 pm to 1.30 pm</b>						
<b>Lecturers- 1.30 pm to 2.30 pm</b>	Pharmacology-III (VBI)	Medicinal Chemistry-III (PIK)	Herbal Drug Technology (RYP)	Pharmaceutical Biotechnology (NSK)	Quality Assurance (MBL)	Biopharmaceutics & Pharmacokinetics (PDK)
<b>2.30 pm to 3.30 pm</b>	Herbal Drug Technology (RYP)	Pharmacology-III (VBI)	Medicinal Chemistry-III (PIK)	Quality Assurance (MBL)	Pharmaceutical Biotechnology (NSK)	Pharmaceutical Biotechnology (NSK)
<b>3.30 pm to 4.30 pm</b>	Biopharmaceutics & Pharmacokinetics (PDK)	Herbal Drug Technology (RYP)	Biopharmaceutics & Pharmacokinetics (PDK)	Medicinal Chemistry-III (PIK)	Pharmacology-III (VBI)	Biopharmaceutics & Pharmacokinetics (PDK)

RYP- Dr. R.Y Patil, VBI- V.B. Ingale, NSK- N.S.Kolte, PIK-P.I. Kharbas, PDK- P.D. Khade, MBL- M.B. Lalge

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**Time-Table for Academic Year 2020-21.  
Class- Final Year B. Pharm ( Sem-VIII, 2015 Pattern )  
[ Online Teaching W.E.F -05/05/2021]**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's – Batch-A 10.00 am to 1.00 pm</b>	Advanced drug delivery System (NSK)	Pharmaceutical Analysis-VI (BGS)	Pharmaceutical Analysis-VI (VUB) <b>Lecture</b>	Cosmetic Science (SSK)	Medicinal Chemistry-IV (PIK)	Pharmacology- V (Including Biostatistics) (VVD)
<b>Batch-B 10.00 am to 1.00 pm</b>	Cosmetic Science (SSK) <b>Lecture</b>	Advanced drug delivery System (NSK)	Pharmaceutical Analysis-VI (BGS)	Pharmacology- V (Including Biostatistics) (VVD)	Cosmetic Science (BGS)	Medicinal Chemistry-IV (PIK)
<b>Batch-C 10.00 am to 1.00 pm</b>	Pharmaceutical Analysis-VI (VUB)	Pharmacology- V (Including Biostatistics) (KGK) <b>Lecture</b>	Advanced drug delivery System (NSK)	Medicinal Chemistry-IV (KRG)	Pharmacology- V (Including Biostatistics) (KGK)	Cosmetic Science (SSK)
<b>Recess: 1.00 pm to 1.30 pm</b>						
<b>Lecturers- 1.30 pm to 2.30 pm</b>	Quality Assurance Techniques (KRG)	Advanced drug delivery System (NSK)	Medicinal Chemistry-IV (KRG)	Pharmaceutical Analysis-VI (VUB)	Pharmacology- V (Including Biostatistics) (KGK)	Natural Products: Commerce, Ind. & Regulations (VVD)
<b>2.30 pm to 3.30 pm</b>	Advanced drug delivery System (NSK)	Quality Assurance Techniques (KRG)	Advanced drug delivery System (NSK)	Natural Products: Commerce, Ind. & Regulations (VVD)	Cosmetic Science (SSK)	Pharmacology- V (Including Biostatistics) (KGK)
<b>3.30 pm to 4.30 pm</b>	Quality Assurance Techniques (KRG)	Medicinal Chemistry-IV (PIK)	Medicinal Chemistry-IV (KRG)	Cosmetic Science (SSK)	Natural Products: Commerce, Ind. & Regulations (VVD)	Pharmaceutical Analysis-VI (VUB)

VUB- Dr. V.U., Barg,e KGK- K.G Kanase, VVD- V.V Dhasade, BGS- Shelar B.G, PIK- P.A.Kharbas, , NSK- Kolte N.S, KRG: K.R. Ghule

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**Time Table A.Y. 2020-21.**  
**Class: M. Pharm II<sup>nd</sup> Semester (P.Q.A)** [ Online Teaching W.E.F -17 /5 / 2021]

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 11.00 am	Pharmaceutical Validation (PIK)	Audits and Regulatory Compliance (AJK)	Hazards & Safety Management (VSV)	Pharmaceutical Manufacturing Technology (VUB)	Pharmaceutical Quality Assurance Practical -II (VUB)	Pharmaceutical Quality Assurance Practical-II (KRG)
11.00 am to 12.00 noon	Hazards & Safety Management (VSV)	Hazards & Safety Management (VSV)	Seminar /Assignment	Seminar /Assignment		
12.00 noon to 1.00 pm	Pharmaceutical Validation (PIK)	Audits and Regulatory Compliance (AJK)	Hazards & Safety Management (VSV)	Audits and Regulatory Compliance (AJK)		
RECESS TIME: 1.00 PM TO 01.30 PM						
1.30 pm to 2.30 pm	Pharmaceutical Manufacturing Technology (VUB)	Pharmaceutical Manufacturing Technology (VUB)	Pharmaceutical Manufacturing Technology (VUB)	Pharmaceutical Validation (PIK)	Practical	Practical
2.30 pm to 3.30 pm	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment	Audits and Regulatory Compliance (AJK)		
3.30 pm to 4.30 pm	Seminar /Assignment	Seminar /Assignment	Pharmaceutical Validation (PIK)	-----		

VUB : Dr. V.U. Barge	KRG: Ms. K.R.Ghule
AJK: Dr. A.J. Kasabe	PIK: Ms. P.I. Kharbas
VSV: Mr. V.S. Veer	-----

*Veer V.S.*  
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Time Table A.Y. 2020-21.

**Class: M. Pharm II<sup>nd</sup> Semester (Pharmaceutics)**

**[ Online Teaching W.E.F -17/5 /2021]**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 11.00 am	Cosmetic & Cosmeceuticals (SSK)	Computer Aided Drug Development (PHK)	Cosmetic & Cosmeceuticals (SSK)	Advanced Biopharmaceutics & Pharmacokinetics (PDK)	Pharmaceutics Practical - II (PHK)	Pharmaceutics Practical-II (NSK)
11.00 am to 12.00 noon	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment		
12.00 noon to 1.00 pm	Molecular Pharmaceutics (Nano Tech and Targeted DDS) (BGS)	Cosmetic & Cosmeceuticals (SSK)	Advanced Biopharmaceutics & Pharmacokinetics (PDK)	Computer Aided Drug Development (PHK)		
RECESS TIME: 1.00 PM TO 01.30 PM						
1.30 pm to 2.30 pm	Advanced Biopharmaceutics & Pharmacokinetics (PDK)	Molecular Pharmaceutics (Nano Tech and Targeted DDS) (BGS)	Molecular Pharmaceutics (Nano Tech and Targeted DDS) (BGS)	Molecular Pharmaceutics (Nano Tech and Targeted DDS) (BGS)	Practical	Practical
2.30 pm to 3.30 pm	Seminar /Assignment	Advanced Biopharmaceutics & Pharmacokinetics (PDK)	Computer Aided Drug Development (PHK)	Computer Aided Drug Development (PHK)		
3.30 pm to 4.30 pm	Seminar /Assignment	Cosmetic & Cosmeceuticals (SSK)	Seminar /Assignment	-----		

SSK: Mr. S.S. Kakade	PDK: Mrs. P.D. Khade
PHK: Mr. P.H. Khade	NSK : Ms. N.S. Kolte
BGS: Mrs. B.G. Shelar	-----

**Veer V.S.**  
 Academic Incharge  
**Academic Incharge**  
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**Dr. Ashok Bhosale**  
 Principal  
**PRINCIPAL**  
**P.D.E.A's**  
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 Kharadi, Pune-411014.





Time-Table for Academic Year 2020-21.  
**Class- S.Y.M. Pharm ( Sem-IV, 2019 Pattern )**  
**COMMON FOR ALL SPECIALISATIONS**  
[ Online Teaching W.E.F -05/05/2021 ]

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 1.00 pm	Research work	Research work	Research work	Research work	Research work	Research work
	Research work	Research work	Research work	Research work	Research work	Discussion/Presentation
	Research work	Research work	Research work	Research work	Research work	Journal Club
RECESS : 1.00 pm to 1.30pm						
1.30 pm to 4.30 pm	Research work	Research work	Research work	Research work	Research work	Discussion/Presentation
	Research work	Research work	Research work	Research work	Research work	Research work

*Wleen*  
**Mr. Vikram Veer**  
Academic Incharge  
Academic Incharge  
P. D. E. A's

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*1/01*  
**Dr. Ashok Bhosale**  
Principal  
PRINCIPAL  
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Kharadi, Pune-411014



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**TIME TABLES OF A.Y. 2019-2020**

PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE, KHARADI, PUNE-411 014.

**Time-Table for Academic Year 2019 -20.**

Class-F.Y. B. Pharm ( Sem-I, 2019 Pattern )

W.E.F – 17.09.2019

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<b>TUTORIAL</b> (8.30 am to 9.30 am) Human Anatomy & Physiology –I (KGK)	---	<b>TUTORIAL</b> (8.30 am to 9.30 am) Pharmaceutics –I (SSK)	---	<b>TUTORIAL</b> (8.30 am to 9.30 am) Pharmaceutical Analysis-I (AHY)	<b>TUTORIAL</b> (8.30 am to 9.30 am) Pharmaceutical Inorganic Chemistry (AJK)
<b>Lectures-</b>						
9.30 am to 10.30 am	Pharmaceutical Analysis-I (AHY)	Communication Skills (CDL)	Pharmaceutical Inorganic Chemistry (AJK)	Remedial Mathematics (LUB)	Communication Skills (CDL)	Human Anatomy & Physiology –I (KGK)
10.30 am to 11.30 am	Remedial Biology (VBI)	Human Anatomy & Physiology –I (KGK)	Remedial Biology (VVD)	Pharmaceutical Inorganic Chemistry (AJK)	Pharmaceutics-I (SSK)	Pharmaceutical Analysis-I (AHY)
11.30 am to 12.30 pm	Pharmaceutical Inorganic Chemistry (AJK)	Pharmaceutical Analysis-I (AHY)	Pharmaceutics-I (SSK)	Remedial Mathematics (LUB)	Human Anatomy & Physiology –I (KGK)	Pharmaceutics-I (SSK)
<b>Recess 12.30 pm to 1.00 pm</b>						
<b>Practical's -</b>						
<b>Batch-A</b> 1.00pm to 5.00pm	Communication Skills (CDL) (2pm to 4pm)	Pharmaceutical Inorganic Chemistry (AJK)	Human Anatomy & Physiology –I (KGK)	Pharmaceutical Analysis-I (AHY)	Pharmaceutics-I (SSK)	<b>OFF</b>
<b>Batch-B</b> 1.00pm to 5.00pm	Pharmaceutics-I (SSK)	Communication Skills (CDL) (2pm to 4pm)	Remedial Biology (VBI)	Pharmaceutical Inorganic Chemistry (AJK)	Pharmaceutical Analysis-I (AHY)	Human Anatomy & Physiology –I (KGK)
<b>Batch-C</b> 1.00pm to 5.00pm	Pharmaceutical Inorganic Chemistry (AJK)	Pharmaceutics-I (SSK)	Communication Skills (CDL) (2pm to 4pm)	<b>OFF</b>	Human Anatomy & Physiology –I (KGK)	Pharmaceutical Analysis-I (AHY)

AHY- Yadav A.H, SSK- Kakade S.S., KGK- Kanase K.G, AJK- Kasbe A.J, CDL- Londhe C.D, VBI- Ingale V.B, LUB- Langote U.B

**Veer V.S.**

**Academic Incharge**

**P.D.E.A's**

**Shankarrao Ursal College of Pharmaceutical Sciences & Research Centre**

**Dr. Ashok Bhosale**

**Principal**

Pune District Education Association's  
Shankarrao Ursal College Of Pharmaceutical  
Sciences & Research Centre  
Kharadi, Pune - 411014.





**Time-Table for Academic Year 2019 -20.**

**Class-S.Y. B. Pharm ( Sem-III, 2018 Pattern )**

**W.E.F – 17.09.2019**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lectures-</b>						
9.30 am to 10.30 am	<b>TUTORIAL</b> Pharmaceutical Organic Chemistry-II (VSV) [For all students]	Pharmaceutical Microbiology (SSKH)	Physical Pharmaceutics-I (PHK)	Pharmaceutical Engineering (VST)	----	Pharmaceutical Microbiology (SSKH)
10.30 am to 11.30 am	<b>TUTORIAL</b> Pharmaceutical Microbiology (SSKH) [For all students]	Pharmaceutical Engineering (VST)	Pharmaceutical Microbiology (SSKH)	Pharmaceutical Org. Chemistry-II (VSV)	----	Pharmaceutical Organic Chemistry-II (MHS)
11.30 am to 12.30 pm	<b>TUTORIAL</b> Physical Pharmaceutics-I (PHK) [For all students]	Physical Pharmaceutics-I (PHK)	Pharmaceutical Organic Chemistry-II (VSV)	Pharmaceutical Engineering (VST)	<b>TUTORIAL</b> Pharmaceutical Engineering (VST) [For all students]	Physical Pharmaceutics-I (PHK)
<b>Recess 12.30 pm to 1.00 pm</b>						
<b>Practical's -</b>						
<b>Batch-A</b> 1.00pm to 5.00pm	----	----	Physical Pharmaceutics-I (PHK)	Pharmaceutical Microbiology (SSKH)	Pharmaceutical Organic Chemistry-II (VSV)	Pharmaceutical Engineering (VST)
<b>Batch-B</b> 1.00pm to 5.00pm	----	----	Pharmaceutical Microbiology (SSKH)	Physical Pharmaceutics-I (PHK)	Pharmaceutical Engineering (VST)	Pharmaceutical Org. Chemistry-II (VSV)
<b>Batch-C</b> 1.00pm to 5.00pm	-----	----	Pharmaceutical Org. Chemistry-II (VSV)	Pharmaceutical Engineering (VST)	Physical Pharmaceutics-I (AAP)	Pharmaceutical Microbiology (SSKH)

VSV- Veer V.S., MHS- Shitole M.S., PHK- Khade P.H., VST- Thorat V.S., AAP: Pande A.A., SSKH- Khatal S.S.

**Veer V.S.**  
Academic Incharge

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PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE, KHARADI, PUNE-411 014.



Time-Table for Academic Year 2019 -20.  
Class- T.Y.B. Pharm ( Sem-V, 2015 Pattern )  
W.E.F – 17.09.2019

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's -</b>						
<b>Batch-A</b> 9.30 am to 12.30 pm	Analytical Pharmacognosy & extraction technology (VVD)	OFF	Industrial Pharmacy-I (TPS)	Pharmaceutical Analysis-III (TRK)	Pharmacology-II (VBI)	Medicinal Chemistry-I (PSD)
<b>Batch-B</b> 9.30 am to 12.30 pm	Industrial Pharmacy-I (TPS)	Analytical Pharmacognosy & extraction technology (VVD)	OFF	Medicinal Chemistry-I (PSD)	Pharmaceutical Analysis-III (AAP)	Pharmacology-II (VBI)
<b>Batch-C</b> 9.30 am to 12.30 pm	OFF	Industrial Pharmacy-I (TPS)	Analytical Pharmacognosy & extraction technology (AAP)	Pharmacology-II (VBI)	Medicinal Chemistry-I (PSD)	Pharmaceutical Analysis-III (TRK)
<b>Lectures-</b>						
1.00 pm to 2.00 pm	Medicinal Chemistry-I (PSD)	Pharmaceutical Analysis-III (TRK)	Active Pharmaceutical Ingredient Technology (PSD)	Industrial Pharmacy-I (TPS)	Pharmaceutical Bus. Management & Disaster management (TRK)	Pharmaceutical Analysis-III (MHS)
2.00 pm to 3.00pm	Analytical Pharmacognosy & extraction technology (VVD)	Medicinal Chemistry-I (PSD)	Pharmaceutical Bus. Management & Disaster management (TRK)	Active Pharmaceutical Ingredient Technology (PSD)	Pharmacology-II (VBI)	Active Pharmaceutical Ingredient Technology (PSD)
3.00 pm to 4.00 pm	Industrial Pharmacy-I (TPS)	Analytical Pharmacognosy & extraction technology (VVD)	Pharmacology-II (VBI)	Pharmacology-II (VBI)	Industrial Pharmacy-I (TPS)	Medicinal Chemistry-I (MHS)
<b>Lectures-</b> 4.00 pm to 5.00 pm	Pharmaceutical Analysis-III (TRK)	---	---	Analytical Pharmacognosy & extraction technology (VVD)	Pharmaceutical Bus. Management & Disaster management (TRK)	----

TPS- Shangrapawar T.P, VBI- Ingale V.B, PSD- Dhekale P.S., VVD- Dhasade V.V., AAP: Pande A.A, TRK-Kande T.R. MHS-Shitole M.H

Veer V.S.  
Academic Incharge  
P.D. E. Kharadi

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**PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE, KHARADI, PUNE-411 014.**

**Time-Table for Academic Year 2019 -20.  
Class- Final Year B. Pharm ( Sem-VII, 2015 Pattern )  
W.E.F - 17.09.2019**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's -</b>						
<b>Batch-A</b> 9.30 am to 12.30 pm	Pharmacology-IV (AAP)	Pharmaceutical Analysis-V (VUB)	Medicinal Chemistry-III (PSD)	Natural Drug Technology (VVD)	<b>OFF</b>	Sterile Product (VST)
<b>Batch-B</b> 9.30 am to 12.30 pm	Medicinal Chemistry-III (PSD)	Pharmacology-IV (AAP)	Pharmaceutical Analysis-V (VUB)	Sterile Product (SSKH)	Natural Drug Technology (VVD)	<b>OFF</b>
<b>Batch-C</b> 9.30 am to 12.30 pm	Pharmaceutical Analysis-V (VUB)	Medicinal Chemistry-III (AJK)	Pharmacology-IV (VBI)	<b>OFF</b>	Sterile Product (TRK)	Natural Drug Technology (VVD)
<b>Lectures-</b>						
1.00 pm to 2.00 pm	Sterile Product (SSKH)	Biopharmaceutics & Pharmacokinetics (VST)	Pharmaceutical Jurisprudence (AAP)	Pharmacology-IV (KGK)	Medicinal Chemistry-III (PSD)	Pharmaceutical Analysis-V (VUB)
2.00 pm to 3.00pm	Pharmacology-IV (KGK)	Sterile Product (SSKH)	Natural Drug Technology (VVD)	Pharmaceutical Analysis-V (VUB)	Natural Drug Technology (VVD)	Pharmaceutical Jurisprudence (AAP)
3.00 pm to 4.00 pm	Pharmaceutical Analysis-V (VUB)	Pharmacology-IV (KGK)	Biopharmaceutics & Pharmacokinetics (VST)	Pharmaceutical Jurisprudence (AAP)	Medicinal Chemistry-III (PSD)	Natural Drug Technology (VVD)
<b>Lectures-</b> 4.00 pm to 5.00 pm	Biopharmaceutics & Pharmacokinetics (VST)	----	Medicinal Chemistry-III (PSD)	----	Sterile Product (SSKH)	----

VUB- Dr. Barge V.U., VST: Thorat V.S. KGK- Kanase K.G, PSD- Dhekale P.S, AAP-Pande A.A., TRK: Kande T.R. SSKH- Khatal S.S, VVD- Dhasade V.V

**Veer V.S.**

**Academic Incharge**

**Shankarrao Ursal College of Pharmaceutical  
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**Dr. Ashok Bhosale**

**Principal**

**Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical  
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Shankarrao Ursal College of Pharmaceutical Sciences And Research Centre,  
Kharadi, Pune-411 014.



**Time Table A.Y. 2019-20.**  
**Class: M. Pharm 1<sup>st</sup> Semester (P.Q.A)** **W.E.F : 17.09.2019**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.30 am to 10.30 am	Q.C.Q.A (AJK)	Q.M.S. (AHY)	P.D.T.T (VSV)	Q.C.Q.A (AJK)	Pharma- ceutical Quality Assurance Practical -I (VUB)	Pharma- ceutical Quality Assurance Practical-I (TRK)
10.30 am to 11.30 am	Seminar /Assignment	Seminar /Assignment	Q.M.S. (AHY)	Q.M.S. (AHY)		
11.30 am to 12.30 pm	Seminar /Assignment	Seminar /Assignment	Q.C.Q.A (AJK)	Seminar /Assignment		
RECESS TIME: 12.30 PM TO 01.00 PM						
1.00 pm to 2.00 pm	M.P.A.T (VUB)	M.P.A.T (VUB)	M.P.A.T. (VUB)	M.P.A.T. (VUB)		
2.00 pm to 3.00 pm	P.D.T.T (VSV)	P.D.T.T (VSV)	Q.M.S. (AHY)	P.D.T.T (VSV)		
3.00pm to 4.00 pm	Seminar /Assignment	Seminar /Assignment	Q.C.Q.A (AJK)	---		

VUB : Dr. V.U.Barge	AHY: Mrs. Yadav A.H
VSV: Mr. Veer V.S	TRK: Ms. Kande T.R.
AJK: Kasabe A.J	

MPAT: Modern Pharmaceutical Analytical Tech.	QCQA : Quality Control & Quality Analysis
Q.M.S : Quality Management System	
PDDT: Product Development & Technology Transfer	

**Veer V.S.**  
**Academic Incharge**  
Shankarrao Ursal College of Pharmaceutical  
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**Dr. Ashok Bhosale**  
**Principal**  
Pune District Education Association's  
Shankarrao Ursal College Of Pharmaceutical  
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Kharadi, Pune - 411014.





Pune District Education Associations  
Shankarrao Ursal College of Pharmaceutical Sciences And Research Centre,  
Kharadi, Pune-411 014.

Time Table A.Y. 2019-20.  
Class: M. Pharm 1<sup>st</sup> Semester (Pharmaceutics)

W.E.F : 17.09.2019

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.30 am to 10.30 am	R.A. (PHK)	D.D.S. (SSK)	Seminar /Assignment	Modern Pharmaceutics (TPS)	Pharmaceutics Practical - I (PHK)	Pharmaceutics Practical-I (TPS)
10.30 am to 11.30 am	Seminar /Assignment	Seminar /Assignment	Seminar /Assignment	R.A. (PHK)		
11.30 am to 12.30 pm	Seminar /Assignment	D.D.S. (SSK)	R.A. (PHK)	Modern Pharmaceutics (TPS)		
RECESS TIME: 12.30 PM TO 01.00 PM						
1.00 pm to 2.00 pm	M.P.A.T (VUB)	M.P.A.T (VUB)	M.P.A.T. (VUB)	M.P.A.T. (VUB)		
2.00 pm to 3.00 pm	D.D.S. (AAP)	D.D.S. (AAP)	Modern Pharmaceutics (TPS)	Seminar /Assignment		
3.00pm to 4.00 pm	R.A. (PHK)	Modern Pharmaceutics (TPS)	Seminar /Assignment	---		

VUB : Dr. V.U.Barge	TPS: Mrs. T.P. Shangrapawar
SSK: Mr. S.S. Kakade	PHK: Mr. P.H. Khade
AAP: Pande A.A.	---

MPAT: Modern Pharmaceutical Analytical Tech.	RA: Regulatory Affair
DDS: Drug Delivery System	
MP: Modern Pharmaceutics	

Veer V.S.  
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Kharadi, Pune-411 014.



Time Table A.Y. 2019-20

W.E.F: 17/09/2019

Class: M. Pharm Semester -III (For P.Q. A & Pharmaceutics )

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.30 am to 10.30 am	Research Methodology & Biostatistics (SSK)	Research Methodology & Biostatistics (VSV)	Research Work	Research Work	Research Work	Research Work
10.30 am to 11.30 am	----	----	Research Work	Research Work	Research Work	Journal Club
11.30 am to 12.30 pm	Research Methodology & Biostatistics (KGK)	Research Methodology & Biostatistics (VSV)	Research Work	Research Work	Research Work	Research Work
<b>RECESS TIME: 12.30 PM TO 01.00 PM</b>						
1.00 pm to 2.00 pm	Discussion / Presentation	Research Work	Research Work	Research Work	Research Work	Research Work
2.00 pm to 3.00 pm	-----	Research Work	Research Work	Research Work	Research Work	Research Work
3.00pm to 4.00 pm	Discussion / Presentation	Research Work	Research Work	Research Work	Research Work	Research Work

VSV- Veer V.S., SSK : Kakade S.S. KGK- Kanase K.G

Veer V.S.  
Academic Incharge  
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Shankarrao Ursal College of Pharmaceutical  
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Dr. Ashok Bhosale  
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Shankarrao Ursal College Of Pharmaceutical  
Science's & Research Centre  
Kharadi, Pune - 411014.





**Time-Table for Academic Year 2019 -20.**

**Class-F.Y. B. Pharm (Sem-II, 2019 Pattern)**

**W.E.F - 30.12.2019**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	----	Human anatomy & physiology-II (KGK) [ TUTORIAL] 8.30 am to 9.30 am	----	Pathophysiology (VST) [ TUTORIAL] 8.30 am to 9.30 am	Pharmaceutical organic chemistry-I (VSV) [ TUTORIAL] 8.30 am to 9.30 am	Biochemistry (AHY) [ TUTORIAL] 8.30 am to 9.30 am
<b>Lectures-</b>						
9.30 am to 10.30 am	Human anatomy & physiology-II (KGK)	Environmental Sciences* (SSKh)	Biochemistry (AHY)	Pharmaceutical organic chemistry-I (VSV)	Pathophysiology (VST)	Environmental Sciences* (SSKh)
10.30 am to 11.30 am	Pathophysiology (VST)	Pharmaceutical organic chemistry-I (VSV)	Human anatomy & physiology-II (KGK)	Biochemistry (AHY)	Biochemistry (AHY)	Human anatomy & physiology-II (KGK)
11.30 am to 12.30 pm	Computer applications in Pharmacy (MAG)	Computer applications in Pharmacy (MAG)	Pharmaceutical organic chemistry-I (VSV)	Computer applications in Pharmacy (MAG)	Pathophysiology (VST)	----
<b>Recess 12.30 pm to 1.00 pm</b>						
<b>Practical's -</b>						
<b>Batch-A</b> 1.00pm to 5.00pm	Computer applications in Pharmacy (MAG)	Pharmaceutical organic chemistry-I (VSV)	Biochemistry (TRK)	Human anatomy & physiology-II (KGK)	----	----
<b>Batch-B</b> 1.00pm to 5.00pm	Pharmaceutical organic chemistry-I (VSV)	Computer applications in Pharmacy (MAG)	Human anatomy & physiology-II (KGK)	Biochemistry (AHY)	----	----
<b>Batch-C</b> 1.00pm to 5.00pm	Human anatomy & physiology-II (KGK)	Biochemistry (AHY)	Pharmaceutical organic chemistry-I (AAP)	Computer applications in Pharmacy (MAG)	----	----

VSV- Veer V.S., KGK- Kanase K.G, AHY- Yadav A.H, VST-Thorat V.S., SSKh- Khatal S.S, MAG- Gadekar M.S

**Veer V.S.**  
Academic Incharge  
~~Academic Incharge~~  
P. D. E. A's

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**Principal**

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Sciences & Research Centre  
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**Time-Table for Academic Year 2019 -20.**

Class-S.Y. B. Pharm ( Sem-IV, 2018 Pattern )

W.E.F - 30.12.2019

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	-----	Pharmacology-I (VBI) [ TUTORIAL ] 8.30 am to 9.30 am	Pharmaceutical organic chemistry-III (AJK) [ TUTORIAL ] 8.30 am to 9.30 am	-----	-----	-----
<b>Lectures-</b>						
9.30 am to 10.30 am	Medicinal Chemistry-I (VSV) [ Tutorial ]	Physical Pharmaceutics-II (PHK)	Pharmacology-I (VBI)	Pharmaceutical organic chemistry-III (AJK)	Pharmacognosy & phytochemistry-I (AAP)	Physical Pharmaceutics-II (PHK)
10.30 am to 11.30 am	Physical Pharmaceutics-II (PHK) [ Tutorial ]	Pharmacognosy & phytochemistry-I (AAP)	Medicinal Chemistry-I (AJK)	Pharmacology-I (VBI)	Pharmaceutical organic chemistry-III (AJK)	Medicinal Chemistry-I (VSV)
11.30 am to 12.30 pm	Pharmacognosy & phytochemistry-I (AAP) [ Tutorial ]	Physical Pharmaceutics-II (PHK)	Pharmacognosy & phytochemistry-I (AAP)	Medicinal Chemistry-I (AJK)	Pharmacology-I (VBI)	Pharmaceutical organic chemistry-III (AJK)
<b>Recess 12.30 pm to 1.00 pm</b>						
<b>Practical's -</b>						
<b>Batch-A</b> 1.00pm to 5.00pm	Pharmacognosy & phytochemistry-I (AAP)	Physical Pharmaceutics-II (PHK)	-----	Medicinal Chemistry-I (AJK)	-----	Pharmacology-I (VBI)
<b>Batch-B</b> 1.00pm to 5.00pm	-----	Pharmacognosy & phytochemistry-I (AAP)	Physical Pharmaceutics-II (PHK)	Pharmacology-I (SSKh)	Medicinal Chemistry-I (AJK)	-----
<b>Batch-C</b> 1.00pm to 5.00pm	-----	-----	Pharmacognosy & phytochemistry-I (VST)	Physical Pharmaceutics-II (TPS)	Pharmacology-I (PSD)	Medicinal Chemistry-I (AJK)

VSV- Veer V.S., PHK- Khade P.H., VBI- Ingale V.B., AJK- Kasabe A.J., AAP- Pande A.A., SSKh- Khatal S.S., PSD- Dhokale P.S., VST- Thorat V.S.

Veer V.S.

Academic Incharge

P. D. E. A's

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Sciences & Research Centre

Dr. Ashok Bhosale

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Sciences & Research Centre





Time-Table for Academic Year 2019 -20.  
Class- T.Y.B. Pharm ( Sem-VI, 2015 Pattern )  
W.E.F – 30.12.2019

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's -</b>						
<b>Batch-A</b> 9.30 am to 12.30 pm	Pharmacology-III (VBI)	Natural Product Chemistry (VVD)	<b>OFF</b>	Medicinal Chemistry-II (PSD)	Pharmaceutical Analysis-IV (TRK)	Industrial Pharmacy-II (TPS)
<b>Batch-B</b> 9.30 am to 12.30 pm	<b>OFF</b>	Pharmacology-III (VBI)	Industrial Pharmacy-II (TPS)	Natural Product Chemistry (VVD)	Medicinal Chemistry-II (PSD)	Pharmaceutical Analysis-IV (TRK)
<b>Batch-C</b> 9.30 am to 12.30 pm	Natural Product Chemistry (VVD)	<b>OFF</b>	Pharmacology-III (VVD)	Pharmaceutical Analysis-IV (TRK)	Industrial Pharmacy-II (TPS)	Medicinal Chemistry-II (AAP)
<b>Recess 12.30 pm to 1.00 pm</b>						
<b>Lectures-</b>						
1.00 pm to 2.00 pm	Medicinal Chemistry-II (PSD)	Pharmacology-III (VBI)	Industrial Pharmacy-II (TPS)	Pharmacology-III (VBI)	Pharmaceutical Analysis-IV (TRK)	Bioorganic chemistry & drug design (MHS)
2.00 pm to 3.00 pm	Natural Product Chemistry (VVD)	Medicinal Chemistry-II (PSD)	Pharmaceutical Biotechnology (SSKh)	Pharmaceutical Analysis-IV (TRK)	Industrial Pharmacy-II (TPS)	Natural Product Chemistry (VVD)
3.00 pm to 4.00 pm	Medicinal Chemistry-II (PSD)	Pharmaceutical Analysis-IV (TRK)	Pharmacology-III (VBI)	Natural Product Chemistry (VVD)	Pharmaceutical Biotechnology (SSKh)	Bioorganic chemistry & drug design (MHS)
<b>Lectures-</b> 4.00 pm to 5.00 pm	Pharmaceutical Biotechnology (SSKh)	----	Bioorganic chemistry & drug design (MHS)	-----	Industrial Pharmacy-II (TPS)	----

TPS- Shangrapawar T.P., VBI- Ingale V.B., PSD- Dhekale P.S., VVD- Dhasade V.V., AAP- Pande A.A., TRK-Kande T.R., SSKh- Khatal S.S., MHS-Shitole M.H

**Veer V.S.**  
**Academic Incharge**  
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Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre

**Dr. Ashok Bhosale**  
**PRINCIPAL**  
**P.D.E.A's**

Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre

**PUNE DISTRICT EDUCATION ASSOCIATION'S**  
**SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE, KHARADI, PUNE-411 014.**



**Time-Table for Academic Year 2019 -20.**  
**Class- Final Year B. Pharm ( Sem-VIII, 2015 Pattern )**  
**W.E.F - 30.12.2019**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's -</b>						
<b>Batch-A</b> 9.30 am to 12.30 pm	Pharmaceutical Analysis-VI (VUB)	Medicinal Chemistry-IV (PSD)	Advanced drug delivery system (VST)	Pharmacology-V (KGK)	Cosmetic Science (SSKh)	<b>OFF</b>
<b>Batch-B</b> 9.30 am to 12.30 pm	Cosmetic Science (SSK)	Pharmaceutical Analysis-VI (VUB)	Medicinal Chemistry-IV (PSD)	<b>OFF</b>	Pharmacology-V (VVD)	Advanced drug delivery system (VST)
<b>Batch-C</b> 9.30 am to 12.30 pm	Medicinal Chemistry-IV (SSKh)	Cosmetic Science (SSK)	Pharmaceutical Analysis-VI (SSKh)	Advanced drug delivery system (VST)	<b>OFF</b>	Pharmacology-V (VBI)
<b>Recess 12.30 pm to 1.00 pm</b>						
<b>Lectures-</b>						
1.00 pm to 2.00 pm	Advanced drug delivery system (VST)	Quality Assurance Technique (TRK)	Pharmaceutical Analysis-VI (VUB)	Advanced drug delivery system (VST)	Pharmacology-V (KGK)	Cosmetic Science (SSKh)
2.00 pm to 3.00pm	Quality Assurance Technique (TRK)	Pharmaceutical Analysis-VI (VUB)	Natural Products: Commerce, industry & regulations (VVD)	Cosmetic Science (SSK)	Cosmetic Science (SSK)	Pharmacology-V (KGK)
3.00 pm to 4.00 pm	Pharmaceutical Analysis-VI (VUB)	Natural Products: Commerce, industry & regulations (VVD)	Medicinal Chemistry-IV (PSD)	Advanced drug delivery system (VST)	Pharmacology-V (KGK)	Medicinal Chemistry-IV (PSD)
<b>Lectures-</b> 4.00 pm to 5.00 pm	Natural Products: Commerce, industry & regulations (VVD)	-----	Quality Assurance Technique (TRK)	Medicinal Chemistry-IV (PSD)	-----	-----

VUB- Dr. Barge V.U., KGK- Kanase K.G, SSK- Kakade S.S., VVD- Dhasade V.V, TRK- Kande T.R, PSD- Dhekale P.S, SSKh- Khatal S.S, VST- Thorat V.S

**Veer V.S.**  
**Academic Incharge**  
**P. D. E. A's**

**Shankarrao Ursal College of Pharmaceutical  
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**Kharadi, Pune- 411014.**

**Dr. Ashok Bhosale**  
**Principal**  
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**Kharadi, Pune- 411014.**





**Time Table A.Y. 2019-20.**

**Class: M. Pharm II<sup>nd</sup> Semester (Pharmaceutics)**

**W.E.F : 30.12.2019**

Class: M. Pharm II Semester (Pharmaceutics) W.E.F : 30.12.2019

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.30 am to 10.30 am	Advanced Biopharmaceutics and Pharmacokinetics (AAP)	Molecular Pharmaceutics (Nanotechnology & targeted drug delivery system) (TPS)	Advanced Biopharmaceutics and Pharmacokinetics (AAP)	Cosmetic & Cosmetics (SSK)	Pharmaceutics Practical – II (PHK)	Pharmaceutics Practical-II (SSK)
10.30 am to 11.30 am	Molecular Pharmaceutics (Nanotechnology & targeted drug delivery system) (TPS)	Seminar/Assignment	Cosmetic & Cosmetics (SSK)	Computer aided drug development (PHK)		
11.30 am to 12.30 pm	Seminar/Assignment	Seminar/Assignment	Computer aided drug development (PHK)	Molecular Pharmaceutics (Nanotechnology & targeted drug delivery system) (TPS)		
<b>RECESS TIME: 12.30 PM TO 01.00 PM</b>						
1.00 pm to 2.00 pm	Molecular Pharmaceutics (Nanotechnology & targeted drug delivery system) (TPS)	Cosmetic & Cosmetics (SSK)	Cosmetic & Cosmetics (SSK)	Advanced Biopharmaceutics and Pharmacokinetics (AAP)		
2.00 pm to 3.00 pm	Computer aided drug development (PHK)	Seminar/Assignment	Seminar/Assignment	Computer aided drug development (PHK)		
3.00pm to 4.00 pm	Seminar/Assignment	Seminar/Assignment	-----	Advanced Biopharmaceutics and Pharmacokinetics (AAP)		

SSK- Kakade S.S., TPS- Shangrapawar T.P, PHK- Khade P.H., AAP- Pande A.A.

Veer V.S.

**Academic Incharge**

P. D. E. A's

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Shankarrao Ursal College of Pharmaceutical Sciences And Research Centre,  
Kharadi, Pune-411 014.



Time Table A.Y. 2019-20.

Class: M. Pharm II<sup>nd</sup> Semester (P.Q.A)

W.E.F : 30.12.2019

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.30 am to 10.30 am	Audits & regulatory compliance (AJK)	Pharmaceutical validation (AHY)	Hazards & safety management (VSV)	Pharmaceutical manufacturing technology (VUB)	Pharmaceutical Quality Assurance Practical –II (VUB)	Pharmaceutical Quality Assurance Practical-II (AHY)
10.30 am to 11.30 am	Pharmaceutical validation (AHY)	Audits & regulatory compliance (AJK)	Pharmaceutical manufacturing technology (VUB)	Hazards & safety management (VSV)		
11.30 am to 12.30 pm	Hazards & safety management (VSV)	Seminar/Assignment	Pharmaceutical validation (AHY)	Pharmaceutical manufacturing technology (VUB)		
RECESS TIME: 12. 30 PM TO 01.00 PM						
1.00 pm to 2.00 pm	Pharmaceutical manufacturing technology (VUB)	Audits & regulatory compliance (AJK)	Hazards & safety management (VSV)	Seminar/Assignment		
2.00 pm to 3.00 pm	Audits & regulatory compliance (AJK)	Seminar/Assignment	Seminar/Assignment	Seminar/Assignment		
3.00pm to 4.00 pm	Pharmaceutical validation (AHY)	Seminar/Assignment	Seminar/Assignment	-----		

VUB- Dr. Barge V.U., VSV- Veer V.S., AHY- Yadav A.H., AJK- Kasabe A.J.

*Veer*  
Veer V.S.

**Academic Incharge**

P. D. E. A's

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Kharadi, Pune-411014

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Shankarrao Ursal College of Pharmaceutical Sciences And Research Centre,  
Kharadi, Pune-411 014.



Time Table A.Y. 2019-20

Class: M. Pharm Semester –IV (For P.Q. A & Pharmaceutics )

W.E.F: 30/12/2019

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.30 am to 10.30 am	Research Work	Research Work	Research Work	Research Work	Research Work	Discussion/Presentation
10.30 am to 11.30 am	Research Work	Research Work	Research Work	Research Work	Research Work	Journal Club
11.30 am to 12.30 pm	Research Work	Research Work	Research Work	Research Work	Research Work	Discussion/Presentation
<b>RECESS TIME: 12.30 PM TO 01.00 PM</b>						
1.00 pm to 2.00 pm	Research Work	Research Work	Research Work	Research Work	Research Work	Discussion/Presentation
2.00 pm to 3.00 pm	Research Work	Research Work	Research Work	Research Work	Research Work	Research Work
3.00pm to 4.00 pm	Research Work	Research Work	Research Work	Research Work	Research Work	Research Work

*V.S.*  
Veer V.S.

Academic Incharge

Academic Incharge

P. D. E. A's

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Kharadi, Pune-411014.

*Ashok*  
Dr. Ashok Bhosale

Principal

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Kharadi, Pune-411014.





Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**TIME TABLES OF A.Y. 2018-2019**



**Time-Table for Academic Year 2018 -19.**  
**Class- F.Y. B. Pharm ( Sem-I, as per new PCI Syllabus )**  
**W.E.F – 01/08/2018**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lectures-</b>						
9.30 am to 10.30 am	Human Anatomy & Physiology-I (KGK)	Pharmaceutics-I (PHK)	Pharmaceutical Analysis-I (VSV)	Human Anatomy & Physiology-I (KGK)	Remedial Biology (VBI)	Remedial Mathematics (TSB)
10.30 am to 11.30 am	Pharmaceutical Analysis-I (VSV)	Human Anatomy & Physiology-I (KGK)	Pharmaceutics-I (PHK)	Communication Skills (CDL)	Pharmaceutical Inorganic Chemistry (AJK)	Remedial Mathematics (TSB)
11.30 am to 12.30 pm	Pharmaceutics-I (PHK)	Pharmaceutical Analysis-I (VSV)	Remedial Biology (VVD)	Pharmaceutical Inorganic Chemistry (AJK)	Communication Skills (CDL)	Pharmaceutical Inorganic Chemistry (AJK)
<b>Practical's -</b>						
Batch-A 1.00pm to 4.00pm	Pharmaceutical Analysis-I (VSV)	Pharmaceutics-I (PHK)	Human Anatomy & Physiology-I (KGK)	Pharmaceutical Inorganic Chemistry (AJK)	Communication Skills (CDL)	Remedial Biology (KGK)
Batch-B 1.00pm to 4.00pm	Human Anatomy & Physiology-I (KGK)	Pharmaceutical Analysis-I (VSV)	Pharmaceutics-I (PHK)	Remedial Biology (VVD)	Pharmaceutical Inorganic Chemistry (AJK)	Communication Skills (CDL)
Batch-C 1.00pm to 4.00pm	Pharmaceutics-I (PHK)	Human Anatomy & Physiology-I (KGK)	Pharmaceutical Analysis-I (VSV)	Communication Skills (CDL)	Remedial Biology (MSG)	Pharmaceutical Inorganic Chemistry (AJK)

VSV- Veer V.S., PHK- Khade P.H., KGK- Kanase K.G., VBI- Ingale V.B., VVD-Dhasade V.V., MSG- Gaikwad, M.S. AJK- Kasbe A.J., CDL: Londhe C.D., VVD- Dhasade V.V., TSB- Tilekar S.B.

**Veer V.S.**  
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PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE, KHARADI, PUNE-411 014.



**Time-Table for Academic Year 2018 -19.**  
**Class- S.Y. B. Pharm ( Sem-III, 2015 Credit Pattern )**  
**W.E.F – 01/ 08/2018**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's -</b>						
<b>Batch-A</b> 9.30 am to 12.30 pm	Pharmaceutical Microbiology (SSK)	Pharmacognosy & Phytochemistry-I (MSG)	Pharmaceutical Organic Chemistry-III (MHS)	Pharmaceutical Biochemistry (AIHY)	Physical Pharmaceutics-I (PRY)	<b>off</b>
<b>Batch-B</b> 9.30 am to 12.30 pm	<b>off</b>	Pharmaceutical Microbiology (SSK)	Pharmacognosy & Phytochemistry-I (MSG)	Pharmaceutical Organic Chemistry-III (VSV)	Pharmaceutical Biochemistry (KAC)	Physical Pharmaceutics-I (PRY)
<b>Batch-C</b> 9.30 am to 12.30 pm	Pharmacognosy & Phytochemistry-I (MSG)	Pharmaceutical Organic Chemistry-III (MHS)	Pharmaceutical Microbiology (SSK)	Physical Pharmaceutics-I (PHK)	<b>off</b>	Pharmaceutical Biochemistry (KAC)
<b>RECESS 12.30 pm to 1.00 pm</b>						
<b>Lectures-</b>						
1.00 pm to 2.00 pm	Pharmacognosy & Phytochemistry-I (MSG)	Pharmaceutical Microbiology (PRY)	Pharmacognosy & Phytochemistry-I (MSG)	Pharmacology-I (VBI)	Pharmaceutical Biochemistry (AHY)	Pharmacognosy & Phytochemistry-I (MSG)
2.00 pm to 3.00 pm	Pharmaceutical Organic Chemistry-III (MHS)	Pharmaceutical Organic Chemistry-III (MHS)	Pharmaceutical Microbiology (PRY)	Pharmaceutical Microbiology (SSK)	Physical Pharmaceutics-I (PHK)	Physical Pharmaceutics-I (PHK)
3.00 pm to 4.00 pm	Environmental Sciences (MSG)	Pharmacology-I (VBI)	Pharmaceutical organic chemistry-III (KAC)	Pharmacology-I (VBI)	Pharmaceutical Biochemistry (AHY)	Pharmaceutical Biochemistry (AHY)
<b>Lectures-</b> 4.00 pm to 5.00 pm		Environmental Sciences (MSG)	Physical Pharmaceutics-I (PHK)			

SSK- Kakade S.S, AIHY – Yadav A.H, VSV- Veer V.S, VBI- Ingale V.B, MHS- Shitole M.H, PHK- Khade P.H, AJK- Kasbe A.J, MSG- Gaikwad M.S., KAC – Chandore K.A, PRY- Yendhe P.R

**Veer V.S.**  
**Academic Incharge**  
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**Kharadi, Pune - 411014.**





**Time-Table for Academic Year 2018 -19.**  
**Class- T.Y. B. Pharm ( Sem-V, 2015 Credit Pattern )**  
**W.E.F – 01/08/2018**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Lectures-</b>						
9.30 am to 10.30 am	Industrial Pharmacy-I (PRY)	Analytical Pharmacognosy & Extraction technology (VVD)	Pharmacology-II (KGK)	Active Pharma. Ingredient Technology (KAC)	Pharm. Bus. Management & Disaster Management (VSV)	Medicinal Chemistry-I (MHS)
10.30 am to 11.30 am	Pharmaceutical Analysis-III (AHY)	Industrial Pharmacy-I (PRY)	Pharmaceutical Analysis-III (AHY)	Medicinal Chemistry-I (MHS)	Pharmacology-II (KGK)	Pharmacology-II (KGK)
11.30 am to 12.30 pm	Analytical Pharmacognosy & Extraction technology (VVD)	Pharmaceutical Analysis-III (AHY)	Industrial Pharmacy-I (TPS)	Active Pharma. Ingredient Technology (KAC)	Pharm. Bus. Management & Disaster Management (VSV)	Pharm. Bus. Management & Disaster Management (VSV)
<b>Practical's -</b>						
<b>Batch-A</b> 1.00pm to 4.00pm	Pharmaceutical Analysis-III (AHY)	Industrial Pharmacy-I (TPS)	Analytical Pharmacognosy & Extraction technology (VVD)	Pharmacology-II (KGK)	Medicinal Chemistry-I (KAC)	off
<b>Batch-B</b> 1.00pm to 4.00pm	Analytical Pharmacognosy & Extraction technology (VVD)	Pharmaceutical Analysis-III (AHY)	Industrial Pharmacy-I (TPS)	off	Pharmacology-II (VBI)	Medicinal Chemistry-I (KAC)
<b>Batch-C</b> 1.00pm to 4.00pm	Industrial Pharmacy-I (TPS)	Analytical Pharmacognosy & Extraction technology (MSG)	Pharmaceutical Analysis-III (AHY)	Medicinal Chemistry-I (MHS)	off	Pharmacology-II (VBI)
<b>Lectures-</b> 4.00 pm to 5.00 pm	—	Analytical Pharmacognosy & Extraction technology (VVD)	—	Medicinal Chemistry-I (MHS)	Active Pharma. Ingredient Technology (KAC)	—

AHY – Yadav A.H, VSV- Veer V.S, KGK- Kanase K.G, MHS- Shitole M.H, KAC – Chandere K.A, TPS- Shangrapawar T.P, VBI- Ingale V.B, AJK- Kasbe A.J, MSG- Gaikwad M.S. VVD- Dhasade V.V.

Veer V.S.

**Academic Incharge**

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Dr. Ashok Bhosale

**Principal**

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 Shankarrao Ursal College Of Pharmaceutical  
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 Kharadi, Pune - 411014.



**Time-Table for Academic Year 2018 -19.**  
**Class- Final Year B. Pharm ( Sem-VII, 2015 Credit Pattern )**  
**W.E.F - 01/08/2018**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's -</b>						
<b>Batch-A</b> 9.30 am to 12.30 pm	Pharmaceutical Analysis-V (VUB)	Medicinal Chemistry-III (AJK)	Pharmacology-IV (VBI)	Sterile Products (PRY)	off	Natural Drug Technology (VVD)
<b>Batch-B</b> 9.30 am to 12.30 pm	Medicinal Chemistry-III (AJK)	Pharmaceutical Analysis-V (VUB)	Sterile Products (PRY)	Pharmacology-IV (VBI)	Natural Drug Technology (VVD)	off
<b>Batch-C</b> 9.30 am to 12.30 pm	off	Pharmacology-IV (VBI)	Pharmaceutical Analysis-V (VUB)	Natural Drug Technology (VVD)	Medicinal Chemistry-III (MHIS)	Sterile Products (TPS)
<b>RECESS 12.30 pm to 1.00 pm</b>						
<b>Lectures-</b>						
1.00 pm to 2.00 pm	Pharmaceutical Analysis-V (VUB)	Medicinal Chemistry-III (AJK)	Biopharmaceutics & Pharmacokinetics (SSK)	Pharmaceutical Jurisprudence (MSG)	Natural Drug Technology (VVD)	Pharmaceutical Analysis-V (VUB)
2.00 pm to 3.00pm	Biopharmaceutics & Pharmacokinetics (SSK)	Pharmaceutical Analysis-V (VUB)	Medicinal Chemistry-III (AJK)	Sterile Products (TPS)	Sterile Products (TPS)	Natural Drug Technology (VVD)
3.00 pm to 4.00 pm	Medicinal Chemistry-III (AJK)	Biopharmaceutics & Pharmacokinetics (SSK)	Pharmacology-IV (VBI)	Pharmaceutical Jurisprudence (MSG)	Natural Drug Technology (VVD)	Sterile Products (TPS)
<b>Lectures-</b> 4.00 pm to 5.00 pm	Pharmacology-IV (VBI)	-----	-----	-----	Pharmacology-IV (VBI)	Pharmaceutical Jurisprudence (MSG)

VUB- Dr. Barge V.U., TPS- Shangrapawar T.P., SSK- Kakade S.S., TPS- Shangrapawar T.P., PHK- Khade P.H., VBI- Ingale V.D., AJK- Kasbe A.J., VVD- Dhasade V.V., MSG- Gaikwad M.S., PRY- Yendhe P.R.

**Veer V.S.**  
**Academic Incharge**  
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**Kharadi, Pune - 411014.**





**Time-Table for Academic Year 2018 -19.**

**Class- F.Y. B. Pharm ( Sem-II, 2018 Pattern )**

**W.E.F – 03/01/2019**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Theory-</b>						
9.30 am to 10.30 am	Human Anatomy & Physiology-II (KGK)	Environmental Sciences ( AAS)	Patho physiology (MSG)	Environmental Sciences ( MSG)	Pharmaceutical Organic Chemistry-I (VSV)	Biochemistry (AJK)
10.30 am to 11.30 am	Biochemistry (AJK)	Computer applications in Pharmacy (MAG)	Human Anatomy & Physiology-II (KGK)	Pharmaceutical Organic Chemistry-I (VSV)	Patho physiology (MSG)	Human Anatomy & Physiology-II (KGK)
11.30 am to 12.30 pm	Computer applications in Pharmacy (MAG)	Computer applications in Pharmacy (MAG)	Environmental Sciences ( AAS)	Patho physiology (MSG)	Biochemistry (AJK)	Pharmaceutical Organic Chemistry-I (VSV)
<b>RECESS 12.30 pm to 1.00 pm</b>						
<b>Practical's -</b>		#Human Anatomy & Physiology-II (KGK)	#Pharmaceutical Organic Chemistry-I (VSV)	#Biochemistry (AJK)	#Patho physiology (MSG)	
<b>Batch-A</b> 1.00pm to 5.00pm	Pharmaceutical Organic Chemistry-I (VSV)	A	C	A	C	Computer applications in Pharmacy (MAG)
<b>Batch-B</b> 1.00pm to 5.00pm	Biochemistry (AJK)	B	A	B	A	Human Anatomy & Physiology-II (KGK)
<b>Batch-C</b> 1.00pm to 5.00pm	Human Anatomy & Physiology-II (KGK)	C	B	C	B	Biochemistry (AJK)

VSV- Veer V.S, KGK- Kanase K.G, AJK-Kasabe A.J, MSG- Gaikwad, M.S., AAS- Shinde A.A. , MAG- Gadekar M.A

**#NOTE:** On Tuesday & Wednesday in the afternoon session, tutorial of 1 Hour of each batch of respective subject will be conducted as mentioned in the timetable.

*Veer V.S.*  
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**Time-Table for Academic Year 2018 -19.  
Class- S.Y. B. Pharm ( Sem-IV, 2015 Credit Pattern )  
W.E.F - 03/01/2019**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's -</b>						
<b>Batch-A</b> 9.30 am to 12.30 pm	Physical Pharmaceutics-II (AAS)	<b>OFF</b>	Pharmaceutical Organic Chemistry-IV (MHS)	Pharmaceutical Analysis-II (AHY)	Pathophysiology & clinical biochemistry (SSK...)	Pharmacognosy & Phytochemistry-II (MSG)
<b>Batch-B</b> 9.30 am to 12.30 pm	Pharmaceutical Organic Chemistry-IV (MHS)	Pharmacognosy & Phytochemistry-II (MSG)	<b>OFF</b>	Physical Pharmaceutics-II (AAS)	Pharmaceutical Analysis-II (AHY)	Pathophysiology & clinical biochemistry (SSK...)
<b>Batch-C</b> 9.30 am to 12.30 pm	Pharmacognosy & Phytochemistry-II (MSG)	Pharmaceutical Organic Chemistry-IV (MHS)	Pathophysiology & clinical biochemistry (VBI)	<b>OFF</b>	Physical Pharmaceutics-II (PHK)	Pharmaceutical Analysis-II (TRK)
<b>RECESS 12.30 pm to 1.00 pm</b>						
<b>Theory-</b>						
1.00 pm to 2.00 pm	Pharmacognosy & Phytochemistry-II (MSG)	Physical Pharmaceutics-II (PHK)	Pharmaceutical Analysis-II (AHY)	Pathophysiology & clinical biochemistry (VBI)	Pharmaceutical Engineering (SSK...)	Pharmaceutical Organic Chemistry-IV (MHS)
2.00 pm to 3.00 pm	Physical Pharmaceutics-II (PHK)	Pathophysiology & clinical biochemistry (VBI)	Pharmaceutical Engineering (SSK...)	Pharmaceutical Organic Chemistry-IV (MHS)	Pharmaceutical Analysis-II (AHY)	Pharmacognosy & Phytochemistry-II (MSG)
3.00 pm to 4.00 pm	Pharmaceutical Analysis-II (AHY)	Pharmacognosy & Phytochemistry-II (MSG)	Pharmaceutical Organic Chemistry-IV (MHS)	Pathophysiology & clinical biochemistry (VBI)	Physical Pharmaceutics-II (PHK)	Pharmaceutical Engineering (SSK...)

AHY - Yadav A.H, MHS- Shitole M.H, VBI- Ingale V.B, H, PHK- Khade P.H, SSK...- Khatal S.S., MSG- Gaikwad M.S., TRK: Kande T.R, AAS- Shinde A.A.

**Veer V.S.**

**Academic Incharge**

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Kharadi, Pune- 411014.**

**Dr. Barge V.U**

**Vice Principal**

**VICE - PRINCIPAL**

**Pune District Education Association's  
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Kharadi, Pune - 411014**

**Dr. Ashok Bhosale**

**Principal**

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**Time-Table for Academic Year 2018 -19.**  
**Class- T.Y. B. Pharm ( Sem-VI, 2015 Credit Pattern )**  
**W.E.F – 03/01/2019**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Theory-</b>						
9.30 am to 10.30 am	Natural product chemistry (VVD)	Pharmacology-III (VBI)	Pharmaceutical Biotechnology (AAS)	Medicinal Chemistry-II (MHS)	Industrial Pharmacy-II (TPS)	Pharmacology-III (VBI)
10.30 am to 11.30 am	Pharmacology-III (VBI)	Natural product chemistry (VVD)	Pharmaceutical Analysis-IV (TRK)	Bioorganic chemistry & drug design (KAC)	Medicinal Chemistry-II (MHS)	Industrial Pharmacy-II (TPS)
11.30 am to 12.30 pm	Industrial Pharmacy-II (TPS)	Pharmaceutical Biotechnology (AAS)	Bioorganic chemistry & drug design (KAC)	Pharmaceutical Analysis-IV (TRK)	Natural product chemistry (VVD)	Medicinal Chemistry-II (MHS)
<b>RECESS 12.30 pm to 1.00 pm</b>						
<b>Practical's -</b>						
<b>Batch-A</b> 1.00pm to 4.00pm	Natural product chemistry (VVD)	Pharmaceutical Analysis-IV (TRK)	Pharmacology-III (VBI)	Industrial Pharmacy-II (TPS)	<b>OFF</b>	Medicinal Chemistry-II (KAC)
<b>Batch-B</b> 1.00pm to 4.00pm	Medicinal Chemistry-II (MHS)	Natural product chemistry (VVD)	Pharmaceutical Analysis-IV (TRK)	<b>OFF</b>	Industrial Pharmacy-II (TPS)	Pharmacology-III (VBI)
<b>Batch-C</b> 1.00pm to 4.00pm	Pharmacology-III (VBI)	Medicinal Chemistry-II (MHS)	<b>OFF</b>	Natural product chemistry (VVD)	Pharmaceutical Analysis-IV (TRK)	Industrial Pharmacy-II (TPS)
<b>Theory-</b> 4.00 pm to 5.00 pm	Bioorganic chemistry & drug design (KAC)	-----	-----	Pharmaceutical Biotechnology (AAS)	-----	Pharmaceutical Analysis-IV (TRK)

VVD- Dhasade V.V., TPS- Shangrapawar T.P, VBI- Ingale V.B, MHS- Skitole M.H, KAC – Chandere K.A., TRK- Kande R.K, AAS- Shinde A.A

**Veer V.S.**

**Academic Incharge**  
**Resident Incharge**  
**P. D. E. A's**

**Shankarrao Ursal College of Pharmaceutical Sciences & Research Centre**  
**Kharadi, Pune-411014.**

**Dr. Barge V.U**

**Vice Principal**  
**VICE - PRINCIPAL**

**Pune District Education Association's**  
**Shankarrao Ursal College Of Pharmaceutical Sciences & Research Centre**  
**Kharadi, Pune - 411014**

**Dr. Ashok Bhosale**

**Principal**

**Pune District Education Association's**  
**Shankarrao Ursal College Of Pharmaceutical Sciences & Research Centre**  
**Kharadi, Pune - 411014.**

PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE, KHARADI, PUNE-411 014.



**Time-Table for Academic Year 2018 -19.**  
**Class- Final Year B. Pharm ( Sem-VIII, 2015 Credit Pattern )**  
**W.E.F – 03/ 01/2019**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Practical's -</b>						
<b>Batch-A</b> 9.30 am to 12.30 pm	Pharmaceutical Analysis-VI (VUB)	Cosmetic Science (SSK...)	<b>OFF</b>	Pharmacology-V (Including Biostatistics) (VVD)	Advanced drug delivery system (PRY)	Medicinal Chemistry-IV (KAC)
<b>Batch-B</b> 9.30 am to 12.30 pm	Medicinal Chemistry-IV (KAC)	Pharmaceutical Analysis-VI (PRY)	Cosmetic Science (SSK...)	<b>OFF</b>	Pharmacology-V (Including Biostatistics) (AAS)	Advanced drug delivery system (PRY)
<b>Batch-C</b> 9.30 am to 12.30 pm	Cosmetic Science (SSK)	Medicinal Chemistry-IV (KAC)	Pharmaceutical Analysis-VI (PRY)	Advanced drug delivery system (SSK...)	<b>OFF</b>	Pharmacology-V (Including Biostatistics) (AAS)
<b>RECESS 12.30 pm to 1.00 pm</b>						
<b>Theory-</b>						
1.00 pm to 2.00 pm	Quality Assurance Techniques (TRK)	Cosmetic Science (SSK)	Medicinal Chemistry-IV (KAC)	Pharmacology-V (Including Biostatistics) (KKG)	Natural products: Commerce, Industry & regulations (VVD)	Pharmaceutical Analysis-VI (VUB)
2.00 pm to 3.00pm	Advanced drug delivery system (PRY)	Medicinal Chemistry-IV (KAC)	Cosmetic Science (SSK)	Pharmaceutical Analysis-VI (VUB)	Advanced drug delivery system (PRY)	Cosmetic Science (SSK)
3.00 pm to 4.00 pm	Quality Assurance Techniques (TRK)	Advanced drug delivery system (PRY)	Pharmacology-V (KKG)	Pharmacology-V (Including Biostatistics) (KKG)	Medicinal Chemistry-IV (KAC)	Natural products: Commerce, Industry & regulations (VVD)
4.00 pm to 5.00 pm	Natural products: Commerce, Industry & regulations (VVD)	Pharmaceutical Analysis-VI (VUB)	Quality Assurance Techniques (TRK)	-----	-----	-----

VUB- Dr. Barge V.U., KKG- Kanase K.G., SSK- Kakade S.S., VVD- Dhasade V.V., KAC- Chandere K.A., SSK...- Khatal S.S. S., PRY- Yedhe P.R., TRK- Kande T.R.

**Veer V.S.**  
Academic Incharge  
P.D.E.A's

**Dr. Barge V.U.**  
Vice-Principal

**Dr. Ashok Bhosale**  
Principal

Pune District Education Association's  
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PUNE DISTRICT EDUCATION ASSOCIATION'S

SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE, KHARADI, PUNE- 411 014.



Time-Table for Academic Year 2018 -19.

Class- M. Pharm Pharmaceutics (II<sup>nd</sup> Semester , 2018 Pattern )

W.E.F – 03/01/2019

W.E.F - 03/01/2019						
Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Theory -						
9.30 am to 10.30 am	Computer Aided Drug Delivery System (PHK)	Cosmetic and Cosmeceuticals (SSK)	Molecular Pharmaceutics [Nano Tech and Targeted DDS] (TPS)	Advanced Biopharmaceutics & Pharmacokinetics (PRY)	Pharmaceutics practical -II (SSK)	Pharmaceutics practical -II (PHK)
10.30 am to 11.30 am	Seminar/Assignment (TPS)	Seminar/Assignment (TPS)	Seminar/Assignment (PHK)	Seminar/Assignment (SSK)		
11.30 am to 12.30 pm	Advanced Biopharmaceutics & Pharmacokinetics (PRY)	Computer Aided Drug Delivery System (PHK)	Cosmetic and Cosmeceuticals (SSK)	Molecular Pharmaceutics [Nano Tech and Targeted DDS] (TPS)		
RECESS 12.30 pm to 1.00 pm						
1.00 pm to 2.00 pm	Cosmetic and Cosmeceuticals (SSK)	Advanced Biopharmaceutics & Pharmacokinetics (PRY)	Computer Aided Drug Delivery System (PHK)	Cosmetic and Cosmeceuticals (SSK)	Pharmaceutics practical -II (SSK)	Pharmaceutics practical -II (PHK)
2.00 pm to 3.00 pm	Molecular Pharmaceutics [Nano Tech and Targeted DDS] (TPS)	Molecular Pharmaceutics [Nano Tech and Targeted DDS] (TPS)	Advanced Biopharmaceutics & Pharmacokinetics (PRY)	Computer Aided Drug Delivery System (PHK)		
3.00 pm to 4.00 pm	Seminar/Assignment (PHK)	Seminar/Assignment (SSK)	Seminar/Assignment (TPS)	----		

SSK- Kakade S.S., PHK- Khade P.H., , TPS- Shangrapawar T.P , PRY-Yendhe P.R.

Veer V.S.

Academic Incharge  
Academic Incharge

P. D. E. A's

Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre  
Kharadi, Pune- 411014.

Dr. Barge V.U

Vice Principal

VICE - PRINCIPAL

Pune District Education Association's  
Shankarrao Ursal College Of Pharmaceutical  
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Kharadi, Pune - 411014

Dr. Ashok Bhosale

Principal

Pune District Education Association's  
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PUNE DISTRICT EDUCATION ASSOCIATION'S

SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH CENTRE, KHARADI, PUNE- 411 014.

Time-Table for Academic Year 2018 -19.

Class- M. Pharm Pharmaceutical Quality Assurance (II<sup>nd</sup> Semester , 2018 Pattern )

W.E.F – 03/01/2019

W.E.F – 03/01/2019						
Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Theory -						
9.30 am to 10.30 am	Hazards & Safety Management (VSV)	Pharmaceutical Manufacturing Technology (VUB)	Pharmaceutical Manufacturing Technology (VUB)	Audits and Regulatory Compliance (AJK)	Pharmaceutical Quality Assurance practical -II (VUB)	Pharmaceutical Quality Assurance practical -II (AHY)
10.30 am to 11.30 am	Seminar/Assignment (AHY)	Seminar/Assignment (AHY)	Seminar/Assignment (VSV)	Seminar/Assignment (VUB)		
11.30 am to 12.30 pm	Hazards & Safety Management (VSV)	Hazards & Safety Management (VSV)	Audits and Regulatory Compliance (AJK)	Audits and Regulatory Compliance (AJK)		
RECESS 12.30 pm to 1.00 pm						
1.00 pm to 2.00 pm	Pharmaceutical Validation (AHY)	Audits and Regulatory Compliance (AJK)	Pharmaceutical Manufacturing Technology (VUB)	Pharmaceutical Validation (AHY)	Pharmaceutical Quality Assurance practical -II (VUB)	Pharmaceutical Quality Assurance practical -II (AHY)
2.00 pm to 3.00 pm	Pharmaceutical Manufacturing Technology (VUB)	Pharmaceutical Validation (AHY)	Hazards & Safety Management (VSV)	Pharmaceutical Validation (AHY)		
3.00 pm to 4.00 pm	Seminar/Assignment (VUB)	Seminar/Assignment (AJK)	Seminar/Assignment (VUB)	-----		

VUB- Dr. Barge V.U, VSV- Veer V.S, , AHY- Yadav A.H, AJK-Kasabe A.J.

Veer V.S.  
Academic Incharge  
P. D. E. A's

Shankarrao Ursal College of Pharmaceutical Sciences & Research Centre  
Kharadi, Pune- 411014.

Dr. Barge V.U  
Vice Principal  
VICE - PRINCIPAL

Pune District Education Association's  
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Dr. Ashok Bhosale  
Principal

PRINCIPAL  
Pune District Education Association's  
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Kharadi, Pune - 411014.



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**SPECIMEN COPY OF TEACHING PLAN**





### Teaching Plan of Theory for Academic Year 2022-23

Name of Teacher: Mr. Sujit Kakade

Name of Subject: DRUG DELIVERY SYSTEM (MPH 102T)

Class: F. Y. M. Pharm [I SEM]

Sr. No.	Month	Name of Topic	No. of prescribed hours	Contents to be taught per lecture
1	January	<b>Sustained Release (SR) and Controlled Release (CR) formulations</b>	10	1. Introduction & basic concepts
				2. advantages / disadvantages, factors influencing,
				3. Physicochemical & biological approaches for SR/CR formulation
				4. Mechanism of Drug Delivery from SR/CR formulation
				5. Polymers: introduction, definition, Classification
				6. Properties and application
				7. Dosage Forms for Personalized Medicine: Introduction, Definition, Pharmacogenetics,
				8. Categories of Patients for Personalized Medicines
				9. Customized drug delivery systems
				10. Bioelectronic Medicines, 3D printing of pharmaceuticals, Telepharmacy.
2	February	<b>Rate Controlled Drug Delivery Systems</b>	10	1. Principles
				2. Fundamentals
				3. Types
				4. Activation; Modulated Drug Delivery Systems
				5. Mechanically activated,
				6. pH activated,
				6. Enzyme activated
				7. Osmotic activated Drug Delivery Systems
				8. Feedback regulated Drug Delivery Systems
				9. Principles
3	February	<b>Gastro-Retentive Drug Delivery Systems</b>	10	10. Fundamentals
				1. Principle
				2. concepts
				3. advantages and disadvantages
				4. Modulation of GI transit time approaches to extend GI transit
				5. Buccal Drug Delivery Systems
				6. Principle of muco adhesion
				7. advantages and disadvantages

3	March	Transdermal Drug Delivery Systems	10	8. Mechanism of drug permeation
				9. Methods of formulation
				10. evaluations.
4	March	Ocular Drug Delivery Systems	06	1. Structure of skin
5				2. barriers
				3. Penetration enhancers
6	April	Protein and Peptide Delivery	08	4. Transdermal Drug Delivery Systems
				5. Formulation
				6. evaluation
				1. Barriers of drug permeation
				2. Barriers of drug permeation
				3. Methods to overcome barriers
				4. Methods to overcome barriers
				5. Methods to overcome barriers
7		Vaccine delivery systems	06	1. Barriers for protein delivery
				2 Barriers for protein delivery
				3. Barriers for protein delivery
				4. Formulation and Evaluation of delivery systems of proteins other macromolecules
				5. Formulation and Evaluation of delivery systems of proteins other macromolecules
				6. Formulation and Evaluation of delivery systems of proteins other macromolecules
				7. Formulation and Evaluation of delivery systems of proteins other macromolecules
				8. Formulation and Evaluation of delivery systems of proteins other macromolecules
				1. Vaccines
				2. Uptake of antigens
				3. Single shot vaccines
				4. Mucosal delivery of vaccines
				5. Transdermal delivery of vaccines
				6. Transdermal delivery of vaccines

Total No. of Lectures in the Academic Year 2022-23: 60

Mr. Sujit Kakade

Name and signature of teacher

Dr. Prashant Khade  
Academic Incharge

Dr. Ashok Bhosale

Principal  
PRINCIPAL

P. D. E. A's

Shankarrao Ursal College of  
Pharmaceutical Sciences & Research Centre  
Kharadi, Pune-411014

**MINUTES OF ACADEMIC MEETING FOR  
A.Y. 2022-23.**



## UG PG Faculty Meeting 11/12/2022

UG and PG faculty meeting was held on 1<sup>st</sup> December 2022 in board room at 3:15 pm

The agenda of the meeting was as follows.

1. To take review of minutes & action taken report of previous academic meeting.
2. To take review of number of theory and practical classes conducted and % syllabus completed for First term of A.Y. 2022-23.
3. To discuss about practises school work completed till date by the final Y. B. Pharm students (Sem VIII) of A.Y. 2022-23 and planning for its evaluation.
4. To take review of research work completed till date by Second Year M. Pharm students of A.Y. 2022-23.
5. To take review of admission of First Y. B. Pharm, Direct Second Year B. Pharm & M. Pharm admission for A.Y. 2022-23.
6. To discuss about SPPU Term I Sem. Exam. of B. Pharm & M. Pharm of A.Y. 2022-23.
7. To take review of completion of First Term Academic Record (Attendance sheet & execution letter) of B. Pharm & M. Pharm admission for A.Y. 2022-23.
8. To discuss about activities conducted on the occasion of Birthday celebration of Hon. Shree. Sharadchondrayi Pawar Sahab.
9. Any matter with the permission of Chairman.

Dr. Ashok Bhosale, Principal informed all faculty members in the meeting.

Thereafter, the meeting started with the following discussion on the agenda:

### Agenda No. 1:

To take review of minutes and action taken report of previous academic meeting.

Dr. Vijaya Barge, Vice-Principal & Professor presented the minutes of previous meeting held on 9<sup>th</sup> July 2022. The same were confirmed. Also she thoroughly discussed action taken report of the last meeting.

\* The faculty who didn't submit Academic Records <sup>(2021-22)</sup> was asked to submit the same to Academic Incharge, V.S. Veer on or before 5<sup>th</sup> Dec. 2022.

- Journals (Practical) <sup>(2021-22)</sup> to be submitted on or before 5<sup>th</sup> Dec. 2022

- Manual to be submitted on or before 5<sup>th</sup> Dec. 2022

- Physical stock verification to be done on or before 30<sup>th</sup> Dec. 2022.

### Agenda No. 2:

To take review of number of theory and practical classes conducted and % syllabus completed for First Term of A.Y. 2022-23.

Mr. P. H. Khade, Academic Incharge presented an overview of the Theory & practical classes conducted and % syllabus completed for First Term of A.Y. 2022-23. The same is given as follows. The faculty who conducted extra lectures was congratulated. T.P. Shargrapwal; T.R. Konde; N.S. Ncherkar, etc.



The same faculty was asked to give details of extra lecture conducted Faculty was asked to file execution record & get the sign of H.O.D. & Principal.

PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH  
CENTRE, KHARADI, DIST-PUNE

Summary of Syllabus completed for B. PHARM for Term-I of A.Y.- 2022-2023  
(Commencement date to 1<sup>st</sup> December 2022)

Sr. No.	Class	Name of the faculty	Subject	No. of Lectures conducted	No. of Practical turns conducted			% syllabus completed
					A-Batch	B-Batch	C-Batch	
1.	Final Year B. Pharm	Mrs. Gule K. R.	Instrumental Methods of Analysis	54	17	17	17	100
		Mr. Dhasade V. V.	Industrial Pharmacy-II	55				100
		Mrs. Sayyad N. M.	Pharmacy Practice	55				100
		Mrs. Shelar B. G.	Novel Drug Delivery System	56				100
2.	T.Y. B. Pharm	Mrs. Gule K. R.	Medicinal Chemistry-II	46				100
		Mrs. Shangrapwar T. P.	Industrial Pharmacy-I (Formulative Pharmacy)	60	15	15	15	100
		Mr. Ingale V.B.	Pharmacology-I	40	12	12	12	90
		Dr. Patil R.Y.	Pharmacognosy & Phytochemistry-II	43	11	11	11	100
		Mr. Neharker N. S.	Pharmaceutical Jurisprudence	53				100
3.	S.Y. B. Pharm	Mrs. Kande T. R.	Pharmaceutical Org. Chemistry-II	53	13	13	13	100
		Mr. Khade P.H.	Physical Pharmaceutics-I	48	13	13	13	100
		Mrs. Shelar B. G.	Pharmaceutical Microbiology	47	16	16	16	100
		Ms. Sayyad N. M.	Pharmaceutical Engineering	48	13	13	13	100

Summary of Syllabus completed for S. Y. M. PHARM (Sem-III) for Term-I of A.Y.- 2022-2023  
(from 26<sup>th</sup> July 2022 to 01<sup>st</sup> December 2022)

Sr. No.	Class	Name of the faculty	Subject	No. of Lectures conducted	% syllabus completed
1.	S.Y. M. Pharm (Pharmaceutics & P.Q.A)	Dr. Patil R.Y. & Mr. Ingale V.B.	Research methodology & biostatistics	43	100
2.	S.Y. M. Pharm (Pharmaceutics & P.Q.A)	Mr. Krunal K. G.	*Introduction to constitution	45	100

\*Indicates non-university subject

Agenda No.3:

To discuss about Practice School work completed till date by Final Y. B. Pharm students (Sem VIII) of A.Y. 2022-23 and planning for its evaluation.

Dr. R.V. Padil, Practice School Coordinator presented an overview of Practice School work of Final Y. B. Pharm students.

Almost 90% of the work of all student was found to be completed. The deadline for submission of Practice School Report is 6<sup>th</sup> Dec. 2022.

Principal, Dr. Ashok Bhosale expressed satisfaction for the same.

Agenda No. 4:

To take review of research work completed till date by Second Y. M. Pharm students of A.Y. 2022-23.

Mr. V.S. Veer, H.O.D Dept of Pharmaceutical Chemistry presented overview and highlighted on 40% work completion of research project by S.Y.M. Pharm students. Extra Faculty expressed satisfaction for the same.

Agenda No.5.

To take review of admission of F.Y. B. Pharm Direct S.Y. B. Pharm & M. Pharm admission for A.Y. 2022-23.

Dr. A.J. Kasabe, Admission Officer, explained the details of admission of F.Y. B. Pharm Direct S.Y. B. Pharm & M. Pharm for A.Y. 2022-23.

The Faculty was asked to submit the list of aspirants on or before 6<sup>th</sup> Dec. 2022 to Dr. A.J. Kasabe. Direct S.Y. B. Pharm admission process was



completed. The admissions for F.Y.B.Pharm and F.Y.M.Pharm are expected to be completed by 30<sup>th</sup> December 2022.

#### Agenda No. 6

To discuss about SPPU Term I Sem Exam. of B.Pharm & M.Pharm of Academic Year 2022-23.

Mr. K.G. Karase, Exam Incharge presented schedule for the said examination. It is as follows.

- SPPU Term I Sem. Exams of B.Pharm
- Final Y. Practise School Evaluation  
6<sup>th</sup> Dec to 8<sup>th</sup> Dec 2022
- Semester Practical Examination of  
S.Y. B.Pharm, T.Y. B.Pharm & Final  
Year B.Pharm

9<sup>th</sup> Dec to 15<sup>th</sup> Dec. 2022

- Semester Theory Examination of S.Y.  
B.Pharm, T.Y. Pharm & Final Y.  
B.Pharm

Probably start from 20<sup>th</sup> Dec

- SPPU Term I Sem Exams of B.Ph  
S.Y.M.Pharm presentation 3<sup>rd</sup> Sem  
From 15<sup>th</sup> Dec 2022

#### Agenda No. 7

To take review of completion of First Term Academic Record of B.Pharm & M.Pharm admission for A.Y. 2022-23.

Deadline for submission of Attendance sheets by faculty - 10<sup>th</sup> Dec 2022

#### Agenda No. 8

To discuss about activities conducted

on occasion of birthday celebration of Hon. Shree Shesadcharyaji for B.S & B. No. P.H. Khade, Coordinator, organised the various events viz. Sports exhibition, Drawing Competition, Pargali Competition, PDEA Level Research Anuskar Competition, PDEA Level sport etc. to be organised on the occasion of birthday celebration of Hon. Sahab.

#### Agenda No. 9.

Any matter with permission of Chairman

##### 9.1

To discuss about upcoming activities The following activities were planned to be conducted

1. Parent meet (KGF) - 3<sup>rd</sup> Dec. 2022
2. Induction Program -  
(KGF)
3. Sports (VBI/NMS) -
4. NSS (VBI) -
5. Seminar on RM (PHD) -
6. Seminar on IPR (VSV) -
- 7.

9.2. To discuss about Internal Exam schedule [F.Y.B.Ph. & F.Y.M.Ph. 2022-23] The following schedule was approved.

9.2. To discuss about External Academic Monitoring for D.Pharm by MSBTE Mr. S.S. Kakade, HOD, Diploma in Pharmacy informed all staff that committee will visit during 1<sup>st</sup> Dec to 10<sup>th</sup> Dec 2022. All the faculty was asked to contribute for the same for



smooth conduct of the same.

9.4. To discuss about Ph.D. admission Process for A.Y. 2022-23.

Dr. Vijaya Barge, Research Centre Coordinator presented an Overview about Ph.D admission process 2022.

She told that PET exam was conducted on 6th Nov & the result for the same was declared on 10th Nov. Department Research Committee was constituted and submitted to SPPU (online) for its approval. After the approval, the interview process will be conducted by 20th Dec. 2022.

Congratulations:

1. Congratulations to all faculty and non-teaching staff for introduction of new course of Diploma in Pharmacy
2. Congratulations to Mrs. T.R. Kande & S.N. Karkhile for qualification of PET-2022
3. Congratulations to Mrs. T.P. Shangrapawar, Dr. A.J. Kasabe, Mr. K.G. Kanase, Mr. V.V. Dhasade for submission of Research project worth Rs. 5,00,000/- to SPPU under Rajive Gandhi Science & Technology Commission Scheme
4. Congratulations to Hon Nitin Gherpade for being elected as Senate Member of SPPU from Principal category.

The following faculty members were present in the meeting.

1. Dr. Ashok Bhosale -
2. Dr. Vijaya Barge -
3. Dr. R.V. Patil -
4. Mr. V.S. Veer -
5. Mr. K.G. Kanase -
6. Mr. S.S. Kakade -
7. Mr. P.H. Khade -
8. Dr. A.J. Kasabe -
9. Mrs. Ghule K.R. -
10. Bhagyashri Shelar -
11. Mrs. N.S. Ncharker -
12. V.B. Gogale -
13. V.V. Dhasade -
14. T.R. Kande -
15. Mrs. T.P. Shangrapawar -
16. Mrs. N.M. Sayyad -
17. Mrs. Poonam D. Khade -
18. Mrs. S.N. Karkhile -
19. Mrs. A.S. Pawar -



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**MINUTES OF ACADEMIC MEETING FOR  
A.Y. 2021-22.**





## Faculty Meeting On 25<sup>th</sup> Aug, 2021.

B.Pharm & M.Pharm Faculty meeting was called in the Board room at 12.00 noon to discuss regarding the following agenda.

- \* To discuss regarding practise school to be conducted for Final Y. B.Pharm students of 2021-2022 batch.

Dr. R.Y. Patil, Coordinator welcomed the Principal and all faculty of B.Pharm & M.Pharm in the meeting.

Thereafter he started with the discussion of agenda.

To discuss regarding practise school to be conducted for Final Y. B.Pharm students of 2021-2022 batch.

Introduction to practise school as per PCI curriculum (2019P) for Final Y. B.Pharm course was given by Dr. R.Y. Patil, Coordinator, Practise School (Sem VII. Final Y. B. Pharm).

All the faculty <sup>members</sup> were asked to go through the video link for "Understanding Practise School & its concept in UG Pharmacy Education" shared by Dr. R.Y. Patil, Coordinator, Practise School (Final Y. B.Pharm. Sem VII).

Also they were asked to go through the SPPU curriculum for Final Y. B.Pharm.

All the faculty was asked to give their views on 'Practise School' to be executed for Final Y. B.Pharm (2021-22) to Dr. R.Y. Patil on or before 1/9/2021.

- Prof. V.S. Veer, Academic Incharge  
= was asked to constitute Programme Committee

- Prof. R.Y. Patil, Co-ordinator, Practise


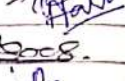
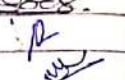
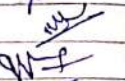

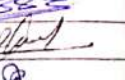
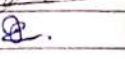
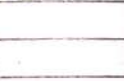



School was asked to constitute  
Practice School Committee.


All HODs were asked to conduct  
department wise meeting to identify  
domains & views from faculty  
regarding Practice School.

The meeting was ended with the  
vote of thanks by Prof. V.S. Veer  
Academic Incharge.

The following members were present  
in the meeting.

1. Dr. Ashok Bhosale - 
2. Dr. R.Y. Patil - 
3. Dr. V.U. Borge - 
4. Dr. A.J. Kasabe - 
5. Mr. V.S. Veer - 
6. Mr. K.G. Kanare - 
7. Mr. S.S. Kakade - 
8. Mr. P.H. Khade - 
9. Mr. V.V. Dhase - 



  
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Faculty Meeting on 4<sup>th</sup> Oct 2021 4/10/2021

B.Pharm and M.Pharm Faculty meeting was  
called in the Board Room at 2.30 pm.  
to discuss regarding the following agenda

1. To take review of subject wise number  
of online lectures, practical turns conducted  
along with % syllabus completed for 1<sup>st</sup>  
term of A.Y. 2021-22
2. To take review on % work completed  
for NAAC criteria's allotted.
3. To take review of responsibilities allotted  
for faculty members for A.Y. 2021-22
4. To take review of conduct of scheduled  
committees meetings for A.Y. 2021-22
5. To take review of research project work  
for Second Year M.Pharm students of A.Y.  
2021-22
6. To take review on activities conducted  
of practice school for final Y. B.Pharm  
(Sem VII, 2018 batch) students.
7. Any matter with the permission of  
the Principal.

Dr. Ashok Bhosale, Principal of the  
college welcomed all faculty for  
the meeting.

Further meeting was started with  
the discussion of action taken for  
the next time meeting held on  
2/10/2021.

Review was taken by Principal Dr.  
Ashok Bhosale for the last meeting  
held on 2/10/2021.

- All faculty had submitted the  
list of research and review articles  
publication to Dr. R.Y. Patil



- All the faculty were asked to submit @ paper mapping & Co data on 15th October 2021.

- Faculty was asked to submit the lab manuals to library on 30th October, 2021.

- All the faculty were asked to prepare Quantitative matrix data before the college organizes NAAC meetings

- All the faculty was asked to utilize maximum number of books online and offline from library resources.

- All the faculty had submitted Academic Records to V.S Veer.

#### Agenda No. 1

① To take review of subject wise online lectures, practical turns completed along with % syllabus completed for 1st term of A.Y. 2021-22.

All the faculty was informed that in case, they take any kind of leave, lecture to lecture adjustment should be done.

- After review syllabus <sup>completion by faculty</sup> was found to be satisfactory.

- All faculty was asked to complete the syllabus of respective subjects by 30 Nov 2021

- Faculty was asked to take efforts in co-ordination with class teacher, Academic In-charge to improve the attendance of students

#### Academic completion record for I<sup>st</sup> Term of A.Y. 2021-22 (From : 23/08/2021 to 01/10/2021)

Final Year B. Pharm							
Sr.No	Name of Faculty	Subject	No. of Lectures conducted	No. of Practical turns conducted			% syllabus completed
				Batch-A	Batch-B	Batch-C	
1.	Dr. Barge V.U	Instrumental methods of analysis	24	06	06	06	35
2.	Mr. Dhasade V.V	Industrial Pharmacy-II	23	---	---	---	33
3.	Mr. Kanase K.G.	Pharmacy Practice	22	---	---	---	32
4.	Mr. Kakade S.S.	Novel Drug Delivery System	23	---	---	---	33

Third Year B. Pharm							
Sr.No	Name of Faculty	Subject	No. of Lectures conducted	No. of Practical turns conducted			% syllabus completed
				Batch-A	Batch-B	Batch-C	
1.	Dr. Kasabe A.J.	Medicinal Chemistry-II	22	---	---	---	33
2.	Mr Veer V.S & Mr. Khade P.H. (Practical's- Mr. Kanase K.G.)	Industrial Pharmacy-I (Formulative Pharmacy)	23	06	06	05	35
3.	Mr. Ingale V.B.	Pharmacology-II	22	06	05	06	33
4.	Dr. Patil R.Y.	Pharmacognosy and Phytochemistry II	23	06	06	06	35
5.	Mr Dhasade V.V.	Pharmaceutical Jurisprudence	21	---	---	---	35

Second Year B. Pharm							
Sr.No	Name of Faculty	Subject	No. of Lectures conducted	No. of Practical turns conducted			% syllabus completed
				Batch-A	Batch-B	Batch-C	
1.	Mr. Veer V.S.	Pharmaceutical Organic Chemistry II	23	05	06	06	34
2.	Mr. Khade P.H.	Physical Pharmaceutics I	22	06	05	06	33
3.	Mr. Ingale V.B. & Mr. Kakade S.S.	Pharmaceutical Microbiology	23	06	06	05	34
4.	Mr. Kanase K.G. & Dr. Kasabe A.J.	Pharmaceutical Engineering	22	05	06	06	33

S.Y. M. Pharm Sem-III (Pharmaceutics & P.Q.A)				
Sr.No.	Name of Faculty	Subject	No. of Lectures conducted	% syllabus completed
1.	Dr. Patil R.Y. & Dr. Barge V.U.	*Research Methodology & Biostatistics	18	30
2.	Mr. Kakade S.S.	*Introduction to constitution	08	25

\* Non university examination subjects







### Agenda No. (2)

To take review on % work completed for NAAC Criteria's allotted.

- All the faculty was asked to give two industry person details to improve the industry-institute interaction.
- All the faculty was asked to complete the NAAC work by end of November month.

### Agenda No. (3)

To take review of responsibilities allotted for Faculty members for A.Y. 2021-22

Review of responsibilities allotted to faculty was taken by Principal, Dr. Ashok Bhosale from every faculty. It was found to be satisfactory.

### Agenda No. (4)

To take review of conduct of scheduled committee meetings for AY 2021-22

After review from every faculty, by Principal, Dr. Ashok Bhosale, all the faculty were found to prepare the schedule of committee meetings for AY 2021-22. They were asked to conduct the meetings according to planned schedule.

### Agenda No. (5)

To take review on research project work for Second Year M.Pharm students of A.Y. 2021-22

All the guides were asked to get the topics of their students finalised & prepare for presentation. 18/10/2021.

HOD's of Pharmaceutics and Pharma. Quality Assurance were asked to reallocate



The students and prepare the list by 9/10/2021.

#### Agenda No. ⑥

To take review of activities conducted at practice school for Final Y.B.Sc. (Sem. III, 2018 pattern) students.

After review given by Dr. P.Y. Patil, Co-ordinator, practice school, total 22 schools were prepared by faculty.

Dr. P.Y. Patil, Co-ordinator & all faculty were congratulated for their great contribution for the preparation of practice schools for students allotted to them. All the faculty was asked to prepare monthly progress report.

#### Agenda No. ⑦

Any matter with the permission of the Principal.

⑦ To discuss regarding conduct of sessional theory & practical examination.

It was unanimously decided that tentative schedule for the conduct of sessional theory & practical exam is 3rd week of October.

⑧ To consider and approve the proposal for permanent affiliation of B.Pharm from Academic Year 2022-23 by S.P.U., Pune.

Prof. K.G. Kanase, Co-ordinator, dismissed the proposal for permanent affiliation of B.Pharm from AY. 2022-23 by S.P.U. Pune to be sent to S.P.U., Pune and it was approved by P.

The following members were present in the meeting

1. Dr. Ashok Phadke - 
2. Dr. R. V. Patil - 
3. Dr. V. V. Barge - 
4. Dr. A. J. Karabe - 
5. Mr. Y. S. Veer - 
6. Mr. K. G. Kanase - 
7. Mr. S. S. Katade - 
8. Mr. P. H. Khadi - 
9. Mr. V. B. Ingale - 
10. Mr. V. V. Dhase - 



  
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Pharmaceutical Sciences & Research Centre  
Kharadi, Pune-411014



## Faculty Meeting 11/1/2022

All the faculty of BPharm & M.Pharm were called for the faculty meeting at 2.30 pm in board room for the discussion of following agenda.

1. To take subject wise review of number of lectures & practicals turns conducted along with 1. syllabus completed for 1<sup>st</sup> term of AY 2021-22
2. To discuss about proposed academic schedule for 11<sup>th</sup> term of AY 2021-22
3. To discuss about proposed schedule for upcoming Internal assessments & sessional examination for AY 2021-22
4. To take review of practise school (Sem VII) & project work (Sem VIII) activities of Final Y BPharm for AY 2021-22
5. To discuss about responsibilities assigned for the faculty members for AY 2021-22
6. Any matter with permission of Principal.

The Principal of the college Dr. Ashok Bhosale welcomed all faculty members in the beginning of the meeting. The special welcome was done of Mr. Nitin Neherkar, a newly joined faculty member. The condole:



Thereafter the meeting started with the discussion of following agenda.

Review was taken of previous meeting requirement by faculty is concerned.

- Faculty members were asked to prepare quantitative metrics data of their respective criteria

- Website related data was given by faculty to Dr. A.J. Karabe.

Faculty members were asked to give activities related data to Dr. A.J. Karabe time to time so that the same data will be published on website.

- Faculty members were asked to submit internal assessment data to exam dept on or before 15.1.2022.

In case of failure of submission of data by faculty to respective co-ordinators half LWP will be given as punishment.

- All activity reports (Sports) should be submitted by faculty to Sports Incharge on or before 17<sup>th</sup> Jan. 2022.

- Essay competition report should be submitted by faculty, Mr. B.S. Shelar on or before 18<sup>th</sup> Jan. 2022.

- Shubheekha patra competition report should be submitted by faculty on or before 18<sup>th</sup> Jan 2022.

- Prashnamajusha competition report should be submitted by Dr. A.J. Karabe on or before 18<sup>th</sup> Jan. 2022.

- PDEA - Skorad State Level Eloctm competition - 12<sup>th</sup> Jan. 2022

- State Level Abhinay competition -

- Cyclic & Suryanamaskar activity report -

- Sharada Vyakhyamala report - 18<sup>th</sup> Jan 2022



Activity register should be completed by responsible staff on or before 20th Jan 2022

### Agenda No. 1

① To take subjectwise review of number of lecture and practical turns completed along with % syllabus completed for 1st term of AY 2021-22.

The review regarding the agenda was taken by Principal from Academic Incharge Mr. V.S. Veer.

All the faculty should submit the attendance sheets on or before 20th Jan 2022. Daily execution register should be completed by and get signed by responsible authorities on or before 25th Jan 2022.

Sr. No.	Class	Name of the faculty	Subject	No. of Lectures conducted	No. of Practical turns conducted			% syllabus completed
					A-Batch	B-Batch	C-Batch	
1.	Final Year B. Pharm	Dr. Barge V.U.	Instrumental Methods of Analysis	47	13	13	13	100 %
		Mr. Dhasade V.V.	Industrial Pharmacy-II	46	----	----	----	100 %
		Mr. Kanase K.G.	Pharmacy Practice	45	----	----	----	100 %
		Ms. Ghule K.R.	Novel Drug Delivery System	50	----	----	----	100 %
2.	T.Y. B. Pharm	Ms. Kande T.R.	Medicinal Chemistry-II	49	----	----	----	100 %
		Ms. Shelar B.G. & Dr. Kasbe A.J.	Industrial Pharmacy-I (Formulative Pharmacy)	50	12	12	13	100 %
		Mr. Ingale V.B.	Pharmacology-II	51	12	12	11	100 %
		Mr. Patil R.Y.	Pharmacognosy & Phytochemistry-II	55	12	11	12	100 %
		Ms. Sayyad N.M.	Pharmaceutical Jurisprudence	50	----	----	----	100 %
3.	S.Y. B. Pharm	Ms. Ghule K.R.	Pharmaceutical Org. Chemistry-II	54	12	13	14	100 %
		Mr. Khade P.H.	Physical Pharmaceutics-I	51	14	14	15	100 %
		Ms. Kande T.R. & Mr. Ingale V.B.	Pharmaceutical Microbiology	48	15	15	15	100 %
		Ms. Sayyad N.M.	Pharmaceutical Engineering	52	13	13	1	100 %

### Summary of Syllabus completed for S.Y.M.PHARM (Sem-III) for Term-I of A.Y- 2021-22 (from 23rd August 2021 to 18th December 2021)

Sr. No.	Class	Name of the faculty	Subject	No. of Lectures conducted	% syllabus completed
1.	S.Y. M. Pharm (Pharmaceutics & P.Q.A)	Dr. Patil R.Y.	Research methodology & biostatistics	48	100
2.	S.Y. M. Pharm (Pharmaceutics & P.Q.A)	Mr. Ingale V.B.	*Introduction to constitution	25	100

\*Indicates non-university subject

No. of working days from 23/08/2021 to 18/12/2021 = 89

No. of actual teaching days from 23/08/2021 to 18/12/2021 = 71

### Agenda Number 2:

To discuss about proposed academic schedule for the 11th term of Academic Year 2021-22.

11th term date of commencement is 3rd Jan. 2022 and probable date of conclusion is 10th May. 2022

Organisation of National/State level seminar on Research Methodology, IPR, Workshop conference - Jan, Feb & March 2022  
Research Methodology - Mr. S. Skhade  
IPR - Dr. A.J. Kasbe  
Entrepreneurship - Dr. R.Y. Patil

Proposed working days - 110 days  
Actual teaching days - 84 days







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



Circular No. 278 of 2021

**Revised Dates of Commencement and Conclusion of Engineering, Architecture and Pharmacy for the Academic Year 2021-2022**  
For Affiliated Colleges/Recognised Institutes

It is hereby informed that, the revised dates of commencement and conclusion of the Courses, under the faculty of Engineering, Architecture and Pharmacy for the academic year 2021-22 shall be as under :

Name of the Faculty	Name of the Courses	Year	Revised 2021 - 2022			
			First Term		Second Term	
			Commencement	Conclusion	Commencement	Conclusion
Science & Technology	Engineering	TE, BE	02/08/2021	30/11/2021	03/01/2022	26/04/2022
	B. Architecture	III, IV & V	15/06/2021	04/12/2021	03/01/2022	30/04/2022
		II	20/08/2021	10/12/2021	03/01/2022	30/04/2022
	B. Pharmacy	III & IV	17/08/2021	18/12/2021	03/01/2022	10/05/2022
		II	23/08/2021	18/12/2021	03/01/2022	10/05/2022
	M. Pharmacy	II	23/08/2021	18/12/2021	03/01/2022	15/05/2022

**NOTE**

- All Programmes shall be conducted in Online Mode until further notice.
- In view of prevailing COVID-19 situation in the Country, Colleges / Institutes shall required to follow the guidelines / instructions issued by the Government of Maharashtra from time to time.

*(Signature)*  
Deputy Registrar  
(P.G. Admission)

Ganeshkhind, Pune-07  
Ref. No. PGS/ 3578  
Date: 29/09/2021

**Copy to:**

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

**Copy to: for information**

The Members of the Management Council, Savitribai Phule Pune University, Pune.  
The Registrar, Savitribai Phule Pune University, Pune.  
The Deans of Faculties, Savitribai Phule Pune University, Pune.

**Agenda No.3**

To discuss about proposed schedule for upcoming Internal assessments & sessional examination for AY 2021-22.

Prof. V.V. Dhasade, exam incharge presented detail schedule of upcoming internal assessments & sessional examination for A.Y. 2021-22.

Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences & Research Centre, Kharadi, Pune-14.**

**Internal Examination Schedule F.Y.B. Pharm and F.Y. M. PHARM**  
(Academic Year- 2021-2022)  
**Term 1**

Sr. No.	Details	Dates
1.	Internal assessment -I (Open book test) of F.Y.B. Pharm	17.01.22 to 22.01.22
2.	1 <sup>st</sup> Sessional Theory examination of F.Y.B. Pharm and F.Y.M. Pharm	27.01.22 to 31.01.22
3.	1 <sup>st</sup> Sessional Practical examination of F.Y.B. Pharm and F.Y.M. Pharm	01.02.22 to 05.02.22
4.	Internal assessment -II (Assignment) F.Y.B. Pharm	14.02.22 to 18.02.22
5.	2 <sup>nd</sup> Sessional Theory examination of F.Y.B. Pharm and F.Y.M. Pharm	21.02.22 to 25.02.22
6.	S.P.P.U First Half Exam. 2021-22 F.Y.B. Pharm and F.Y.M. Pharm	Last week of Feb 2022

**Internal Examination Schedule S.Y.B. Pharm, T. Y. B. Pharm & Final Year B. Pharm**  
(Academic Year-2021-2022)  
**Term 2**

Sr. No.	Details	Dates
1.	Internal assessment -I (Open book test) of S.Y.B. Pharm, T. Y. B. Pharm & Final Year B. Pharm	24.01.22 to 29.01.22
2.	1 <sup>st</sup> Sessional Theory examination of S.Y.B. Pharm, T. Y. B. Pharm, Final Year B. Pharm	07.03.22 to 12.03.22
3.	1 <sup>st</sup> Sessional Practical examination of S.Y.B. Pharm, T. Y. B. Pharm, Final Year B. Pharm	14.03.22 to 19.03.22
4.	Internal assessment -II (Assignment) for S.Y.B. Pharm, T. Y. B. Pharm & Final Year B. Pharm	04.04.22 to 09.04.22
5.	2 <sup>nd</sup> Sessional Practical examination of S.Y.B. Pharm, T. Y. B. Pharm, Final Year B. Pharm	18.04.22 to 23.04.22
6.	2 <sup>nd</sup> Sessional Theory examination of S.Y.B. Pharm, T. Y. B. Pharm, Final Year B. Pharm	25.04.22 to 30.04.22
7.	S.P.P.U First Half Exam. 2021-22 (for S.Y.B. Pharm, T. Y. B. Pharm, Final Year B. Pharm & S. Y. M. Pharm)	May 2022





**Internal Examination Schedule Direct Second Year Admitted  
(Academic Year- 2021-2022)  
Term 1**

Sr. No.	Details	Dates
1.	Internal assessment -I (Open book test) and Internal assessment -II (Assignment)	10.01.22 to 15.01.22
2.	1 <sup>st</sup> Sessional Theory examination	27.01.22 to 31.01.22
3.	1 <sup>st</sup> Sessional Practical examination	01.02.22 to 05.02.22
4.	2 <sup>nd</sup> Sessional Theory examination	07.02.22 to 12.02.22
5.	2 <sup>nd</sup> Sessional Practical examination	14.02.22 to 18.02.22
6.	S.P.P.U First Half Exam. 2021-22	Last week of Feb 2022

**Internal Examination Schedule F.Y B. Pharm & F. Y. M. Pharm  
(Academic Year- 2021-2022)  
Term 2**

Sr. No.	Details	Dates
1.	Internal assessment -I (Open book test) F.Y B. Pharm	14.03.22 to 19.03.22
2.	1 <sup>st</sup> Sessional Theory examination	28.03.22 to 02.04.22
3.	1 <sup>st</sup> Sessional Practical examination	04.04.22 to 09.04.22
4.	Internal assessment -II (Assignment) F.Y B. Pharm	11.04.22 to 16.04.22
5.	2 <sup>nd</sup> Sessional Theory examination	18.04.22 to 23.04.22
6.	2 <sup>nd</sup> Sessional Practical examination	25.04.22 to 30.04.22
7.	S.P.P.U First Half Exam. 2021-22	May 2022

**Agenda 4.**

To take review of practical school (Sem VII) & Project work (Sem VIII) activities of Final Y. B Pharm for AY 2021-22.

Dr. R.Y. Patil, Co-ordinator presented a review of Practical school activity conducted in Sem. VII for Final Y. B Pharm.

All faculty were asked to give evaluation sheet and 1 copy of project report to Exam Dept. on or before 13<sup>th</sup> Jan 2022. Last date of completion of project work was unanimously decided and it is 15<sup>th</sup> Apr 2022.

All the faculty should submit the final topics for project work to Dr. R.Y. Patil Coordinator on or before 15<sup>th</sup> Jan 2022.

The same allotted students should be guided by the same faculty.

**Agenda 5** To discuss about responsibilities assigned for the faculty members for AY 2021-22 - Review was taken by Principal, Dr. Ashok Bhosale from all faculty

**Institutional Best Practices :-**

Holistic development of students - ~~was~~

Students welfare scheme -

Dr. R.Y. Patil, Co-ordinator and HODs were asked to conduct a meeting and prepare data to be collected as evidence for institutional best practices.

- Last date of submission of articles submitted to Magazine Coordinator - 30<sup>th</sup> Jan 2022.

Guardian teachers should submit minimum 5 articles of their students.

- All the faculty were asked to prepare the schedules of their committees.





and conduct the meetings accordingly.  
- NIR data should be filled online on or before 30th Jan 2022

- All the faculty should strictly make use of delnet library.

- All the faculty who have not submitted question papers (required for mapping with course outcomes) were informed to submit to exam dept. on or before 25th Jan 2022.

- Criteria wise strengths and weakness should be given by NAAC criteria incharge on or before 15th Jan 2022

Agenda No. 6

Any matter with the permission of Principal

There being no other matter for the further discussion, the meeting was called to an end.

Congratulations :

1. Dr. Amit Kasabe was congratulated for his recognition as a Ph.D guide by SPPU.

2. Mr. S.S. Kakade was congratulated for organising various competitions on the occasion of birthday celebration of Hon. Shri. Shree Chandraji Pawar Sahab, Ex. Agr. Minister, Govt. of Maharashtra, M. S.

3. Mr. V.B. Barge, Mr. V.S. Veer & Mrs. N. Sayyad were congratulated for submission of activity reports to S.S. Kakade.

4. Mr. V.S. Veer was congratulated for organising Induction Programme cum parent meet for F.Y.B.Pharm class.

5. Ms. S.S. Kakade was congratulated for successful completion of Nss

camp and all the society related activities at Keshavnagar.

6. Mr. P.H. Khade was congratulated for completion of sports activity reports to Registrar.

7. All sports event incharge, Ms. K.P. Ghule, Mr. B.G. Shelas, Mr. N. Sayyad, Mr. T.R. Kande, Mr. V.V. Dhasade, Mr. P.H. Khade & Ms. V.B. Ingale were congratulated for successful completion of all sports events.

8. Dr. R.Y. Patil was congratulated for very good coordination of Project work activity (Practical V.B. Pharm. Sem. VIII).

The meeting was called to an end with the vote of Thanks by Prof. V.S. Veer.

The following members were present in the meeting.

1. Dr. Ashok Bhosale
2. Dr. Patil R.Y.
3. Dr. Barge V.B.
4. Dr. Kasabe A.T.
5. Mr. Veer V.S.
6. Mr. Kanase K.G.
7. Mr. Kakade S.S.
8. Mr. Khade P.H.
9. Mr. Ingale V.B.
10. Mr. Dhasade V.V.
11. Mr. Shelas B.G.
12. Ms. Sayyad N.N.
13. Mr. Kande T.R.
14. Mr. Ghule K.R.
15. Mr. Neharkar N.S.

PRINCIPAL  
P.D.E.A's

Shankar Ursai College of  
Pharmaceutical Sciences & Research Centre  
Kharadi, Pune-411014





Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune 14

Agenda No 6 :- To discuss about SPPU semester examination of B. Pharmacy and M. Pharmacy (May/June 2022) and internal examinations for second term A.Y. 2021-22

Sr. No	Exam	Scheduled Date
01	SY, TY and Final Year B.Pharm IInd Sessional Practical Examination.	09/05/2022 to 14/05/2022
02	SY, TY and Final Year B.Pharm Second Sessional Theory Examination.	14/05/2022 to 23/05/2022
03	First Year B.Pharm and First Year M. Pharm Ist Sessional Practical Examination.	09/05/2022 to 14/05/2022
04	First Year B.Pharm and First Year M. Pharm Ist Sessional Theory Examination.	14/05/2022 to 23/05/2022
05	Internal Assessment II First Year B. Pharm	30/05/2022 to 04/06/2022
06	First Year B.Pharm and First Year M. Pharm IInd Sessional Practical Examination.	06/06/2022 to 11/06/2022
07	First Year B.Pharm and First Year M. Pharm IInd Sessional Theory Examination.	13/06/2022 to 16/06/2022
08	SY, TY and Final Year B.Pharm University Practical Examination conducted by SPPU.	23/05/2022 to 30/05/2022
09	SY, TY and Final Year B.Pharm University Theory Examination conducted by SPPU.	Tentative 16 <sup>th</sup> June 2022 onwards
10	Second Year M. Pharm Dissertation viva-voce examination	01 <sup>st</sup> June onwards
11	First Year B.Pharm and First Year M. Pharm University Practical Examination conducted by SPPU.	Tentative 20 <sup>th</sup> June Onwards
12	First Year B.Pharm and First Year M. Pharm University Theory Examination conducted by SPPU.	Tentative 30 <sup>th</sup> June Onwards

Mr. Vivek Ingale

Mr. Vipul Dhasade



Agenda :- To take review of the No. 7 number of meetings conducted and preparation of its record by respective committee coordinators for A.Y. 2021-22

The meetings conducted by faculty were found to be satisfactory.

All the faculty were asked to conduct pending meetings by 30<sup>th</sup> June 2022.

Agenda No. 8: Any matter with permission of chairman.

→ All the faculty should prepare  
- Lab manuals for A.Y. 2021-22 (Term I & II)  
- Teaching plans for A.Y. 2021-22 (Term I & II)  
- SOPs for instruments in their resp. labs.

- Log book in the labs should be updated till date.

- Alumni meet has been scheduled on 21<sup>st</sup> May 2022. All the faculty should be effectively coordinate for the same.

Congratulations:



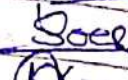
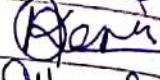

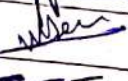


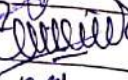


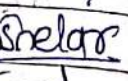

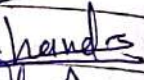


1. Dr. Vijaya Borge, Professor & Vice-Principal was congratulated for excellent presentation as a resource person on the occasion of One Day State level Seminars on 'Research Methodology' on 21/5/2022.

2. Coordinators Dr. Anut Kasabe & Prof. S. S. Kakade & entire college team were congratulated for successful organization of One Day State level Seminars.

Rights & R.  
11/5/2022



The following faculty members attended the meeting


1. Dr. Ashok Bhosale — 
2. Dr. R. Y. Patil — 
3. Dr. V. U. Barge — 
4. Dr. A. J. Karabe — 
5. Ms. K. G. Kanare — 
6. Ms. V. S. Veer — 
7. Ms. S. S. Kakade — 
8. Ms. P. H. Khade — 
9. Ms. T. P. Shengrapawar — 
10. Ms. V. B. Jagale — 
11. Ms. V. V. Dhasade — 
12. Ms. B. J. Shelar — 
13. Ms. N. M. Sayyad — 
14. Ms. T. R. Konde — 
15. Ms. K. R. Ghule — 
16. Ms. N. S. Neherkar — 

### 3. Congratulations

Dr. R. Y. Patil, Professor, was congratulated for successful organisation of Two Days Seminar on "Entrepreneurship & Career guidance" on 25<sup>th</sup> & 26<sup>th</sup> March, 2022.

4.



  
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 P. D. E. A's  
 Shankarrao Urs College of  
 Pharmaceutical Sciences & Research Centre  
 Kheradi, Pune-411014



Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences and Research Centre,  
Kharadi, Pune-14.

Number of Theory & Practical classes conducted for B. PHARM & M.Pharm for A.Y.- 2021-22.

TERM-II  
(28<sup>th</sup> March 2022 to 31<sup>st</sup> May 2022)

Sr. No.	Class	Name of the Subject	Name of the faculty	Number of Theory hours prescribed	No. of Theory hours conducted	No. of Practical turns conducted			% Syllabi complete
						A- batch	B- batch	C- batch	
1.	First Year B. Pharm	Human Anatomy and Physiology II	Mr. Krunal G. Kanase	45	28	10	10	09	62%
		Pharmaceutical Organic Chemistry I	Mr. Vikram S. Veer	45	28	10	09	10	62%
		Biochemistry	Dr. Amit J. Kasbe	45	27	10	09	10	62%
		Pathophysiology	Mr. Nitin S. Neharkar	45	28	—	—	—	62%
		*Computer Applications in Pharmacy	Ms. Manisha B. Gaddekar	30	20	09	09	09	65%
		*Environmental sciences	Mr. Trusha P. Shangrapawar	30	21	—	—	—	65%
		*Democracy, election & governance	Mr. Vipul V. Dhasade	30	20	—	—	—	65%
		Molecular Pharmaceutics (Nano Tech and Targeted DDS)	Mrs. Trusha P. Shangrapawar	60	28	—	—	—	47%
2.	First Year M.Pharm (Pharmaceutics)	Advanced Biopharmaceutics & Pharmacokinetics	Mrs. Naziya M. Sayyad	60	28	—	—	—	47%
		Computer Aided Drug Development	Mr. Prashant H. Khade	60	29	—	—	—	48%
		Cosmetic & Cosmeceuticals	Mr. Sujit S. Kakade	60	28	—	—	—	47%
		Pharmaceutics Practical II	Mr. Prashant H. Khade	—	—	10	10	—	65%
		Hazards and Safety Management	Mr. Vikram S. Veer	60	28	—	—	—	47%
		Pharmaceutical Validation	Ms. Tejaswini R. Kande	60	27	—	—	—	47%
		Audits and Regulatory Compliance	Dr. Amit J. Kasbe	60	28	—	—	—	47%
		Pharmaceutical Manufacturing Technology	Dr. Vijaya U. Barge	60	29	—	—	—	48%
3.	First Year M.Pharm (PQA)	Pharmaceutical Quality Assurance Practical II	Dr. Vijaya U. Barge	—	—	10	10	—	65%

No. of working days for First Year B.Pharm - 51, No. of teaching days for First Year B.Pharm - 39

No. of working days for First Year M.Pharm - 51, No. of teaching days for First Year M.Pharm - 39

\* indicates Non-university subject

Mr. Veer V.S.  
Academic Incharge  
P.D.E.A's

Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre  
Kharadi, Pune-411014.

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Dr. Ashok Bhosale  
Principal  
P.D.E.A's

Shankarrao Ursal College of  
Pharmaceutical Sciences & Research  
Kharadi, Pune-411014

2. Discussion of schedule of examination  
(Internal & External) of F.Y.B.Pharm  
& F.Y.M.P.Pharm.

Prof. V.V. Dhasade, Jd. Exam Incharge,  
presented schedule of Examination  
(Internal & External) of F.Y.B.Pharm &  
F.Y.M.Pharm. which is as follows.

Sr. No.	Exam	Date
1.	Second Sessional Practical Exam F.Y.B. Pharm and F.Y. M. Pharm	13-06-2022 to 18-06-2022
2.	Second Sessional Theory Exam F.Y.B. Pharm and F.Y. M. Pharm	20-06-2022 to 27-06-2022
3.	SPPU Practical Exam April/May 2022 F.Y.B. Pharm	28-06-2022 to 02-07-2022
4.	SPPU Theory Exam April/May 2022 F.Y.B. Pharm	15-07-2022 to 22-07-2022

Vipul Dhasade.

3. Any matter with the permission of  
Chairman.

There being no any other matter for  
the discussion the meeting was called  
to an end with the vote of thanks by  
Prof. V.S. Veer Academic Incharge.

The following members were present-  
in the meeting

1. Dr. Ashok Bhosale -
2. Dr. Vijaya Barge -
3. Mr. Vikram Veer -
4. Dr. Amit Kasbe -
5. Mr. Krunal Kanase -
6. Mr. Sujit Kakade -
7. Mr. Prashant -
8. Mrs. Trusha -



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# UG-PG Faculty Meeting

9/7/2022  
Saturday  
2.30 pm

The Conclusion Meeting for A.Y. 2021-22 of all faculty of B.Pharm & M.Pharm was called on 9/7/2022 at 2.30 pm in board room for the discussion of following agenda.

1. To take review of minutes and action taken report of previous academic meeting
2. To take review of submission of academic records for the A.Y. 2021-22
3. To take review of submission of examination records for the A.Y. 2021-22
4. To discuss about admission process for A.Y. 2022-23.
5. To discuss about responsibilities to be allotted for the A.Y. 2022-23.
6. Any matter with the permission of Chairman.

Dr. Ashok Bhosale, Principal welcomed all faculty members in the beginning of the meeting.

Thereafter, the meeting started with the following agenda:

1. To take review of minutes and action taken report of previous academic meeting.

Dr. Vijaya Barge, Professor thoroughly discussed the minutes of the meeting held on 2.06.2022. The same were confirmed. Also, she presented action taken report of the same meeting held on 2.06.2022 by highlighting on the following points.

1. The syllabus of F.Y.B.Pharm & F.Y.M.Ph classes for all subjects was found to be completed by all faculty members teaching the subjects to the respective classes.





2. Second sessional Practical Exam of P.Y. B.Pharm & P.Y. M.Pharm, Second sessional theory exam of F.Y. B.Ph. & P.Y. M.Pharm & SPPU Practical Exam April/May 2022 F.Y. B.Pharm & F.Y. M.Pharm were completed as per the schedule discussed in the previous meeting held on 2.06.2022. SPPU Theory Exam April/May 2022 of F.Y. B.Pharm was <sup>being</sup> in process as per the schedule discussed in the previous meeting held on 2.06.2022 and will be ended on 22.07.2022.

The same action taken report was approved.

2. To take review of submission of Academic Records for A.Y. 2021-22 Mr. V.S. Vear, Academic Incharge gave overview of academic records submitted by faculty for A.Y. 2021-22. He informed that academic records such as Teaching Plans, Theory Attendance sheets, Execution Record, practical journals, Manual and performance appraisal were submitted by most of the faculty. The remaining faculty failed to submit the Academic Records were asked to submit the same on or before 13.7.22.

Practical journals (3) each from batch should be submitted by 15.7.2022. Manuals (02) one for faculty & one for library should be submitted by 12.7.2022. Books should be returned to the library on or before 12.7.2022.

3. To take review of submission of examination records for the A.Y. 2021-22 Mr. V.B. Ingale, Examination Incharge gave review of examination records submitted by faculty

for A.Y. 2021-22. He informed that all records such as sessional & internal assessment paper bundles, entry of marks in mother register, marks on SPPU webportal, SPPU University practical Exam papers & documents, University Exam joint claim, thesis (M.Pharm), mark list-Internal, project work report & evaluation sheets were submitted by faculty. Project Work (Final V.B.Ph.) Coordinator, Dr. R.V. Patel should submit the evaluation sheets to Exam Dept.

Also, it was informed in the meeting that paper-checking process is going on for CAP-2022 approved by SPPU to at our Institute. [Central Assessment Program - 2022 - Final. V. B.Pharm 2019 P.]

4. To discuss about admission process for A.Y. 2022-23

Dr. A.J. Karabe, Admission Officer presented details of admission process with respect to printing of admission forms & admission brochure that is in process & pamphlets which are printed. Also it was informed that collection of students data of non PDCA colleges is complete. Mr. V.S. Vear, Mr. T.R. Kande, Mr. S.S. Sonawane were congratulated for submission of students data for admission process 2022 by taking sincere efforts.

Dr. Ashok Bhosale, Principal advised the admission committee to take all necessary measures with great coordination for 100% admission for Academic Year 2022-23.



50 To discuss about responsibilities to be allotted for the A.Y. 2022-23.

PUNE DISTRICT EDUCATION ASSOCIATION'S  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES AND  
RESEARCH CENTRE, KHARADI, PUNE-411014.

RESPONSIBILITIES ALLOTTED TO FACULTY MEMBERS FOR THE ACADEMIC YEAR 2022-23  
(w. e. 18/07/2022)

Sr. No.	Name of the Faculty	Responsibilities allotted	Signature
1.	Dr. Barge V.U.	1. Vice-Principal 2. NAAC Coordinator 3. Research Centre Coordinator 4. Governing Body and College Development Committee 5. Research Advisory Committee 6. Women's Grievance Redressal 7. AQIS (AICTE) Coordinator 8. Staff Development activity 9. Class Teacher- Ph. D., Guardian Teacher - S.Y. M. Pharm (Pharmaceutical Quality Assurance)	
2.	Dr. Patil R. Y.	1. HOD- Pharmacognosy 2. IQAC Coordinator 3. Institutional best practices Coordinator 4. Practise School (Final Y B Pharm SEMVII) & Project Work (Final Y B Pharm SEMVIII) Coordinator 5. Training and Placement & Incubation Centre 6. Competitive Exams Coordinator 7. Guardian Teacher- T. Y. B. Pharm (Batch C) & Career Katta	
3.	Dr. Kasabe A. J.	1. Website 2. Staff publications & Publication Committee (Research/Review/Patent/Book) 3. IPR Coordinator 4. AICTE, DTE 5. Govt. & Non Govt. UG/PG/ Ph. D Scholarship 6. Computer Incharge- Purchase, repairing and maintenance of educational equipments and computers	

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		8. Admission - UG 9. Information and communications technology enabled work 10. Information Brochure 11. Guardian Teacher- F. Y. B. Pharm (Batch B)	
4.	Mr. Veer V.S.	1. HOD- Department of Pharmaceutical Chemistry 2. Store Coordinator 3. Equipment Incharge -Purchase, repairing and maintenance 4. Students Counseling Committee 5. ADD-ON/Value added course Coordinator 6. Grievance Redressal (Students & Staff) 7. Guardian Teacher - First Year B Pharm (Batch-C)	
5.	Mr. Kanase K.G.	1. HOD- Department of Pharmacology 2. PCI, S.P.P.U, DTE Affiliation & Approval 3. AISHE 4. Fee Regulating Authority 5. Industrial tour - F.Y. B. Pharm 6. Incharge -Overall attendance 7. Annual report-S.P.P. U 8. Class teacher- F.Y. B. Pharm, Guardian Teacher - F.Y. B. Pharm (Batch-A)	
6.	Mr. Kakade S. S.	1. HOD- Department of Pharmaceutics 2. Exam Incharge 3. Incharge - Industrial Lab 4. Admission Committee (PG) 5. GPAT 6. Infrastructure Development 7. Class teacher- S.Y. M. Pharm, Guardian teacher - S.Y. M. Pharm (Pharmaceutics)	
7.	Mr. Khade P. H.	1. Academic Incharge 2. Student Welfare Officer 3. BOD/ Proposal for grants (SPPU, Pune) Coordinator 4. Student council 5. Science exhibition 6. Museum 7. Alumni Coordinator 8. Industrial tour- S.Y. B. Pharm 9. Class Teacher- S.Y. B. Pharm	

2/4



		Guardian Teacher - S. Y. B Pharm (Batch-A)	
8.	Mr. Ingale V. B.	1. NSS Program Officer 2. Sports Incharge 3. Train the trainer Coordinator 4. Incharge-Animal House 5. Coordinator - COVID 19 Activity 6. Safety measures committee 7. Class Teacher- T. Y. B. Pharm Guardian Teacher - T. Y. B. Pharm (Batch-A) 8. Canteen	Ingale
9.	Mrs. Shangrapawar T. P.	1. Cultural coordinator 2. Library Incharge, Library Advisory Committee 3. Organization of Guest lectures/Seminars Coordinator 4. Organization and Celebration of birth and death anniversary of great personalities 5. Annual Report 6. Activity Register 7. Guardian Teacher - T. Y. B. Pharm (Batch-B)	Shangrapawar
9.	Mr. Dhasade V. V.	1. Internal examinations Incharge 2. E- governance (Circulars /letters checking on websites) 3. PHARMATAB (College magazine) 4. NPW & community awareness activities 5. News Publication 6. Medicinal garden 7. Wall magazine 8. News Letter, Photos 9. Industrial Tour- Final Year B. Pharm 10. Environmental Tour Incharge (F.Y. B. Pharm) 11. Class Teacher- Final Year B. Pharm, 12. Guardian Teacher - Final Year B Pharm (Batch-A)	Dhasade
8.	Mrs. Shelar B. G.	1. Antirragging committee 2. NIRF 3. Organization of Guest lectures/Seminars 4. Museum 5. Guardian Teacher- S. Y. B. Pharm (Batch C)	Shelar

3/4

9.	Ms. Sayyad N. M.	1. Sports 2. Antidiscrimination Cell 3. AISHE 4. Guardian Teacher - Final Year B Pharm (Batch - B) 5. Equipments	Sayyad
10.	Ms. Kande T. R.	1. NSS 2. Cultural activities 3. E-governance 4. Admission 5. Wall magazine 6. Staff publications 7. Guardian Teacher- S. Y. B. Pharm (Batch B)	T.R.Kande
11.	Ms. Ghule K. R.	1. Staff room Incharge 2. Afummi 3. Gender sensitization 4. Industrial Tour- T. Y. B. F arm 5. Guardian Teacher - Final Year Pharm (Batch-C)	Ghule
12.	Mr. Neharkar N.	1. Store 2. NPW & community awareness activities 3. Sports 4. Industrial Tour- F. Y. M. Pharm 5. Training and Placement 6. Guardian Teacher - F. Y. M. Pharm (Pharmaceutics)	Neharkar

Dr. Vijaya Barge  
Coordinator & Vice-Principal  
VICE - PRINCIPAL  
Pharmaceutical Education Association's  
Maharaja Pratap College of Pharmacy  
Chandrapur & Haveri District  
Chandrapur, Pune - 411014



Dr. Ashok Bhosale  
Principal  
PRINCIPAL  
P. D. E. A.  
Shankarji College of  
Pharmaceutical Sciences & Research Centre  
Kharadi, Pune-411014

4/4

6. Any matter with the permission of Chairman.

6.1. Physical stock verification for AY 2021-22  
Mr. P. H. Khade, Coordinator presented report of physical stock verification report done by faculty for different physical stock verification.

The faculty failed to submit the report by 7.06.2022 should submit the report on or before 15.07.2022

6.2 To take review of Graduate voter registration for SPPU online registration.

Mr. P. H. Khade, Coordinator informed that in total 182 registrations have been completed by all the staff for SPPU online registration.

6.3 To discuss about expected result of all classes of B.Ph & M.Ph for April/May 2022 SPPU exam for A.Y 2021-22

**Term II- Subject wise Expected Result April/May 2022 SPPU Exam  
(Academic Year- 2021-2022)**

Class	Name of Subject	Name of Faculty	% Result Expected
F.Y. B. Pharm. (Sem.-II)	Human Anatomy and Physiology II	K.G. Kanase	100%
	Pharmaceutical Organic Chemistry I	V. S. Veer	90%
	Biochemistry	Dr. A.J. Kasbe	90%
	Pathophysiology	N. S. Neharkar	95%


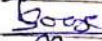






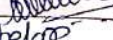

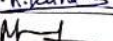



S.Y. B. Pharm (Sem.-IV)	Pharmaceutical Organic Chemistry III	T.R. Kande	95%
	Medicinal Chemistry I	K. R. Ghule	95%
	Pharmacology I	V. B. Ingale	100%
	Physical Pharmaceutics-II	P. H. Khade	100%
	Pharmacognosy and Phytochemistry I	V. V. Dhasade	100%
	Computer Applications in Pharmacy	M. B. Gadekar	100%
T.Y. B. Pharm (Sem.-VI)	Medicinal Chemistry III	Dr. A.J. Kasbe & K. R. Ghule	90%
	Pharmacology III	V. B. Ingale	95%
	Herbal Drug Technology	Dr. R. Y. Patil	100%
	Biopharmaceutics and Pharmacokinetics	B. G. Shelar	100%
	Pharmaceutical Biotechnology	N. S. Neharkar	100%
	Quality Assurance	T.R. Kande	105%
Final Year B. Pharm (Sem.-VIII)	Biostatistics and Research Methodology	Dr. V. U. Barge & Dr. R. Y. Patil	100%
	Social and Preventive Pharmacy	B. G. Shelar	100%
	Pharmacovigilance	K.G. Kanase	100%
	Cosmetic Science	N. M. Sayyad	100%
F. Y. M. Pharm. (Sem.-II) Pharmaceutics	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	T.P. Shangrapawar	100%
	Advanced Biopharmaceutics & Pharmacokinetics	N. M. Sayyad	100%
	Computer Aided Drug Development	P. H. Khade	100%
	Cosmetic & Cosmeceuticals	S.S. Kakade	100%
F. Y. M. Pharm. (Sem.-II) Pharmaceutical Quality Assurance	Hazards and Safety Management	V. S. Veer	100%
	Pharmaceutical Validation	T.R. Kande	100%
	Audits and Regulatory Compliance	Dr. A.J. Kasbe	100%
	Pharmaceutical Manufacturing Technology	Dr. V. U. Barge	100%

*V. V. Dhasade.*





The meeting was called to an end  
with the vote of thanks by Prof. Vis. Vasa  
The following faculty members attended  
the meeting

1. Dr. Ashok Bhosale - 
2. Dr. Vijaya Baze - 
3. Dr. A. J. Kosabe - 
4. Mr. V. S. Veer - 
5. Mr. K. G. Kanase - 
6. Mr. S. S. Kokade - 
7. Mr. P. H. Khade - 
8. Mr. V. B. Jyale - 
9. Mrs. T. P. Shargapane - 
10. Mr. B. G. Shelai - 
11. Mr. T. R. Konde - 
12. Mr. N. M. Sayyad - 
13. Mr. K. R. Ghule - 
14. Mr. N. S. Ndeskar - 



  
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Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**SPECIMEN COPY OF GUARDIAN TEACHER FILE**



FORMAT FOR POST GRADUATE STUDENT'S PROGRESS

Name of the student	Tejaswini Raju Kande	
Address	Peakash Pathare wasti, Kharadi Pune-14	
Contact details	M: 9561924526	E-mail ID: Teju kande 1214@gmail.com
Date of admission	16/08/2016	
GR number		
PRN number	PRN - 2451600882	
% marks at the qualifying examination	70% (Aggregate marks of M pharm)	
Marks at the entrance examination	72	
Category	NT-D (Hindu-Vajabi)	
Date of birth	14/08/1993	
Father's name	Raju Teimbak Kande	
Father's qualification and occupation	B.A. (Retired Navy)	Annual Income of Family: 3 Lakh only.
Father's contact details	9890575335	
Mother's name	Sulbha Raju Kande	
Mother's qualification and occupation	HSC. (Housewife)	
Brothers & sisters	1 Brother	
State the objective behind joining the course	To pursue post graduation	
Strengths	Strong commitment & punctual	
Weaknesses	I had a habit of procrastinating, now I am improving & becoming more organised by using	
Opportunities	To do lists and reminders	
Threats	- Looking for Academic -	

T. R. Kande  
Signature of student



PRINCIPAL  
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Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.

Signature of guardian teacher

(Dr V D Borge)





Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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# **CURRICULUM DELIVERY**



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**ICT MODE OF TEACHING  
(SPECIMEN COPIES OF POWERPOINT PRESENTATION)**

# HERBAL DRUG TECHNOLOGY

**Prof. Dr R.Y Patil**

**Department of Pharmacognosy**

**PDEAs Shankarrao Ursal college of Pharmaceutical  
Sciences and Research center Kharadi.**

# Classification of Microorganisms

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**Presented by**  
**Mr. Sujit Kakade**  
**Assistant Professor**



**Pune District Education Association's**  
**Shankarrao Ursal College of Pharmaceutical Sciences**  
**& Research Centre, Kharadi, Pune.**



**Pune District Education Association ,  
Shankarrao Ursal College of Pharmaceutical Sciences  
& Research Centre, Kharadi, Pune-411014**



## **Presentation on**

# **PHARMACEUTICAL AEROSOLS**



**PRESENTED BY :-**  
**MRS. TRUSHA P. SHANGRAPAWAL**





Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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# **PARTICIPATORY LEARNING**

## Participatory Learning



Dr. Sujit Kakade explaining the students about working of rotary tablet punching machine



Dr. Sujit Kakade and M.Pharm students during discussion on preformulation studies.



  
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Shankarrao Ursai College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.



**Pune District Education Association's**  
**Shankarrao Ursal College of Pharmaceutical Sciences and**  
**Research Centre, Kharadi Pune**

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**Class: Third Y. B. Pharm**

**Subject – Pharmacognosy and Phytochemistry -II**

**Semester: V**

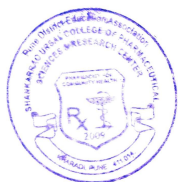
**Year of the study: 2021 -2022**


**Aim - To study the Crude drugs with the help of Macroscopical and Microscopical method**

**Principle: -- Evaluation of a drug ensure the identity of a drug and determines the quality and purity of drugs. The main reasons behind the need for evaluation of crude drugs are biochemical variation in the drug, effect of treatment and storage of drugs, and the adulterations and substitutions.**



**Practical Demonstration of Microscopical Evaluation of Crude drugs**



  
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## **EXPERIENTIAL LEARNING**



Pune District Education Association's  
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& Research Centre, Kharadi, Pune**

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# **Educational Industrial Visit Report**

**Academic Year: 2022-2023**



**Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune**

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**Educational Industrial Visit Report**

**29<sup>th</sup> May 2023**


Educational Industrial Visit was organized for our Final Year B. Pharm students at Medispray Laboratories, L-2, MIDC, Satara, Maharashtra 415004. This is an initiative by our institute to bring awareness and pharma industrial knowledge about basic processing as well as innovative technology to benefit the budding pharmacist. Visit divided in to four session. First session keynote address and details of industry organization was delivered by Plant head Dr. Vishal Mandke. In second session Dr. Shailendra Jagtap, Quality Control Head, explained about sampling, production, laboratory condition, product management, raw material, product movement process, packaging, labelling, coding and storage condition in details. Mr. Sachin Gosavi, Production incharge, explained details of manufacturing and quality control department. In third session Mr. Prasad Kulkarni, Engineering department head, explained details of water, electrical, air control in all section, waste product management, major roles, objectives, daily functioning and equipment control system in all unit.

At last interactive session covered by Mr. Pravin Ghadge, General Manager and Head of HR Department.

Total 50 students and 2 faculty members participated in visit. This visit was coordinated by Student Representative Prachi Raipure (CR), Vaibhav Khaladkar, Faculty members Prof. Bhagyaashree Shelar and Prof. Vipul Dhasade.

  
**Prof. Vipul Dhasade**  
Staff Coordinator



  
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Sciences & Research Centre,  
Kharadi, Pune-411014.

Some moments during visit.....



Dr. Vishal Mandke, Plant Head introduce company organization



Dr. Shailendra Jagtap, highlighted on details of Quality control department

  
**Prof. Vipul Dhasade**  
Staff Coordinator



  
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Sciences & Research Centre,  
Kharadi, Pune-411014.




Mr. Prasad Kulkarni, explained about details of major roles of laboratory control system and waste management



Mr. Sachin Gosavi, express about system of manufacturing

  
**Prof. Vipul Dhasade**  
 Staff Coordinator



  
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 Kharadi, Pune-411014.






Group photo Industry Officials, Faculty members and all students

  
**Prof. Vipul Dhasade**  
Staff Coordinator



  
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Kharadi, Pune-411014.

Pune District Education Association's  
**SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES  
AND RESEARCH CENTRE, KHARADI, PUNE**

Academic Year: 2022-2023

**Industry Visit Student List - Final Year B. Pharm**

Date: Monday 29-05-2023

Roll No.	Candidate Name	Sign	Roll No.	Candidate Name	Sign
1.	Akhade Akshay Balkrishna		28.	Kumbharkar Harshada Shankar	
2.	Aranya Atharva Ravindra		29.	Lawande Rutuja Vikas	
3.	Bhamare Mansi Dipak		30.	Londhe Minakshi Raosaheb	
4.	Bhapsekar Nikhil Deepak		31.	Madure Vaishnavi Sachin	
5.	Bhosure Nikita Kaluram		32.	Maharnavar Shankar Shivaji	
6.	Bhujbal Nandini Dashrath		33.	Mulla Anisa Imam	
7.	Bichukale Snehal Janardan		34.	Nikalje Kiran Balu	
8.	Choudhary Snehal Shantaram		35.	Paigude Shradha Rajendra	
9.	Dake Raj Atul		36.	Pansare Akshay	
10.	Dhainje Rinku Bhimrao		37.	Raipure Prachi Nitin	
11.	Dhavale Sahil Satish		38.	Rajpurohit Rajvirsing	
12.	Gaikwad Pranjal Pramod		39.	Sagar Deepali Rajendra	
13.	Galgunde Soham Dnyandev		40.	Shaikh Afiya Ramjan	
14.	Gaware Sonali Ravindra		41.	Shelake Komal Kisan	
15.	Gund Omkar Dattatray		42.	Shinde Mayuri Baburao	
16.	Hake Neha Ashok		43.	Shinde Sagar Jaysing	
17.	Jagtap Vaishnavi Chandrashekhar		44.	Shinde Saurabh Shivaji	
18.	Jamdade Gayatri Santosh		45.	Shitole Tejas Eknath	
19.	Kabire Dinesh Pandharinath		46.	Thorat Rutuja Bapusaheb	
20.	Kalsheitt Aishwarya Revanappa		47.	Ubale Rohan Suresh	
21.	Kamthe Aishwarya Vijay		48.	Waghmare Diksha Mahendra	
22.	Khaladkar Vaibhav Bhauso		49.	Wakchaure Ajay Balasaheb	
23.	Khandve Gauri Vasant		50.	Walanj Sejal Santosh	
24.	Khiratkar Shweta Janardan				
25.	Khobare Abhishek Suresh				
26.	Khote Shruti Gorakh				
27.	Kudale Suvarna Gautam				

Total Number of Student Participated in Education Industry Visit- 50

Staff Member: Prof. Bhagyshree Shelar

Prof. Vipul Dhasade

Prof. Vipul Dhasade  
Staff Coordinator



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Kharadi, Pune-411014.





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SCIENCES AND RESEARCH CENTRE**

Kharadi, Tal. Haveli, Dist. Pune - 411014

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Pharmacy Council of India, New Delhi.

Affiliated to : Savitribai Phule Pune University (PU/PN/Pharm/384/2009), Code 1235

Recognised by : Government of Maharashtra

D.T.E. Institute Code : PH 6385 Website : www.pdeasubpharm.edu.in E-mail : sucopsrc\_2009@yahoo.co.in



Phone : 020 - 27013835

Date : 12/12/2022

Ref. No.: SUCOPSRC / 670 / 2022-2023

President  
**Ajit Pawar**



Vice President  
**Rajendra Ghadge**

Hon. Secretary  
**Adv. Sandeep Kadam**  
Senate Member, SPPU, Pune

Treasurer  
**Adv. Mohanrao Deshmukh**

Dy. Secretary  
**L. M. Pawar**

Principal  
**Dr. Ashok Bhosale**

To,  
**Human Resources Department,  
Medispray, Satara**

**Subject: Regarding Educational visit at your Pharma Industry**


Respected Sir,

Our college was established in 2009 with the prime aim of providing quality education in the Pharmaceutical Sciences. The college is conducting B. Pharm. course, M. Pharm. course with specializations in Pharmaceutics and Quality Assurance Techniques. The college has recognized as research center for Ph.D. in Pharmacy under the faculty of Science and Technology, Savitribai Phule Pune University, Pune.

Every year college organized educational visit, to upgrade the students with current updates about the pharma industrial profession. Sir your Industry is well established, which will help to upgrade knowledge of our students. There would be 68 Final Year B. Pharm students and 02 faculty members included in visit. Kindly grant us permission for the industry visit. We look forward to a positive reply for the same.

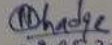
Thanking You,

Yours Faithfully,

  
**Dr. Ashok Bhosale**

**PRINCIPAL  
P. D. E. A'S**

Shankarrao Ursal College of  
Pharmaceutical Sciences & Research Centre  
Kharadi, Pune-411014

Received  
  
7.05.2023  
**Institute Copy**

4/7

  
**Prof. Vipul Dhasade**  
Staff Coordinator



  
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Kharadi, Pune-411014.

# Medispray

Laboratories Pvt. Ltd.

L-1/1, L-1/2/2 & L-2,

Additional MIDC,

Satara - 415004,

Phone : (02162) 240691, 240807,

240107, 240055

Fax : (02162) 240295

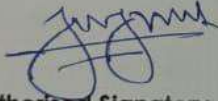
Ref: MLPL/2023/002

Date: 29/05/2023

## To Whom So Ever It May Concern

This is to certify that Shankarrao Ursal College of Pharmaceutical Sciences and Research Centre Kharadi Degree Pharmacy 51 Students and 2 Teachers visited our plant on dated 29/05/2023 During Visit we have given information in entire plant operations like Stores, Production and Engineering Sections.

For Medispray Laboratories Pvt. Ltd.

  
Authorised Signatory



VVD  
VSV  
TNA  
Keep record  
30.05.2023

P.D.E.A.'s U. College O.P.S. & R. C. Kharadi  
INWARD NO: 1354

DATE: 30/5/23


Medispray Laboratories Pvt. Ltd.

Registered Office : Plot No.: 344/345, Kundaim Ind. Estate, Kundaim, Goa - 403 115  
Phone: (91832) 2394354, 2394355 • Fax: (91832) 2395666 • E-mail: medispray@bsnl.in  
Corporate Identity Number : U52311GA1992PTC002801

6/7

  
Prof. Vipul Dhasade  
Staff Coordinator



  
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Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences  
& Research Centre, Kharadi, Pune**

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# **Virtual Industrial Visit Report**

**Academic Year: 2021-2022**

**Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune**

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**A report on....**

**Virtual Industrial Visit (2021-2022)**

**13<sup>th</sup> May 2022**


Virtual Industrial visit was organized for our Final Year B. Pharm students by Associated Capsules Group (ACG), Mumbai. Associated Capsules Group has organised virtual training on “INSIDE IN ACGS ORAL DOSAGE TECHNOLOGY” This is an initiative by our institute to bring awareness about ACG innovative technology to benefit the budding pharmacist and formulation experts through such a knowledge sharing sessions. During presentation Mr Khetan Parmar, Dr. Jnanadeva Bhat, Ms. Ankita Solanki, Mr. Nadir Mohammed present information and videos to all students. They highlighted on following topics,

- A journey in Capsule Manufacturing
- New applications and Technology in hard capsule
- Overview of Packaging Films and Foils
- Track and Trace in Pharmaceutical Industry and Insight of Vision Inspection
- Important Equipment in Manufacture of Capsule and Tablets
- Industry Internet of Things – ACG's Road map into the future

During session head of every department introduce their department details, overview, major roles, objectives and daily functioning to students. Also the students were shown demonstration of different practical applications using various sophisticated equipment's available in research laboratory, manufacturing and quality control department. Total 68 students and 3 faculty members present for virtual Industrial visit. This visit was coordinated by Mr. Vipul V. Dhasade.

  
**Prof. Vipul Dhasade**  
Staff Coordinator



  
**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.






Students and Staff members during Virtual Industrial Visit

  
**Prof. Vipul Dhasade**  
 Staff Coordinator




  
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Recording
You are viewing Ketan Parmar's screen
View Options

Mr Ajit Singh – Chairman ACG



- Ajit Singh is Chairman of ACG worldwide (formerly The Associated Capsules Group), the largest pharma machinery and consumables supplier.
- Ajit Singh was educated at Millfield School and Cambridge University, UK, and the Indian Institute of Technology (IIT), and also on the Board Of The Governors Of The National Institute Of Technology (NITIE).
- He has served on the board or managing committee of most of the Pharmaceutical Associations in India and abroad.
- Ajit Singh is the former president of the Indian Pharmaceutical Congress Association, a leading pharma body.
- He has also served for many years on the Central Governing Council Of The Indian Institute Of Technology (IIT), and also on the Board Of The Governors Of The National Institute Of Technology (NITIE).
- Ajit Singh was honoured with a Lifetime Achievement Award by the Indian Education Society for his contribution to the pharmaceutical industry.
- He was also honoured with the "Millennium Pharma Leader" by Pharma Leaders Bharat Award.
- He was recently awarded a lifetime achievement by the Indian Pharmaceutical Association.
- He was also an advisor to the U. S. Pharmacopoeia (India) when it first came to India.
- Ajit Singh has brought several Global Pharma Associations to India, with much technology disseminated to thousands of Indian Scientists and Technologists.
- ACG Worldwide has also founded Technoversity which along with their research affiliate Scitech Centre, trains over 2000 pharma professionals annually in India and 600 overseas.



Unmute
Stop Video
Participants
Q&A
Chat
Share Screen
Raise Hand
Record
Record on this Computer (Alt+R)
Leave

Recording
You are viewing Ketan Parmar's screen
View Options

ACG GROUP





CAPSULE

✓ 100+ Billion Capsules Production Capacity



FILMS & FOILS

✓ 38000+ Tons of Packaging films



ENGINEERING

✓ 24000+ Machines Installations

Over 4500 Employees

Over 1500 Engineers

15 World Class Factory locations



Unmute
Stop Video
Participants
Q&A
Chat
Share Screen
Raise Hand
Record
Apps
Leave

Dr. Ketan Parmar highlighted on packaging films during Virtual Session

  
**Prof. Vipul Dhasade**  
 Staff Coordinator

  
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410 / 482



Students during Virtual Session

  
**Prof. Vipul Dhasade**  
 Staff Coordinator



  
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## **Educational Industrial Visit Report**

**Academic Year: 2018-2019**

Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune**

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**A Report on...**

**Educational Industrial Visit (2018-2019)**


**2<sup>nd</sup> November 2018**

One-day educational industry visit was organized for Final Year B. Pharm students at Central Forensic Science Laboratory, Pune. The main objective of the educational visit to understand manufacturing, quality evaluation and functioning of large scale laboratories. During the visit of Central Forensic Science Laboratory, Pune the head of every department in laboratory introduce their department details, overview, major roles, objectives and daily functioning to students. Also the students were shown demonstration of different practical applications using various sophisticated equipment's available in laboratory.

During visit student interact with every department heads and learn more about laboratories. Total 65 students from final year B. Pharm and Prof. Supriya Khatal, Prof. Mohan Shitole visited Central Forensic Science Laboratory. Prof. Vipul V. Dhasade coordinated educational industry visit.

  
**Prof. Vipul Dhasade**  
Staff Coordinator



  
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Interaction during laboratory visit.



Interaction during laboratory visit.

  
**Prof. Vipul Dhasade**  
 Staff Coordinator



  
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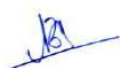
Demonstration of laboratory equipment during visit.



Laboratory officials and student participants

  
**Prof. Vipul Dhasade**  
 Staff Coordinator



  
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Pharmacy Council of India, New Delhi.  
Affiliated to : Savitribai Phule Pune University (PU/PN/Pharm/384/2009), Code 1235  
Recognised by : Government of Maharashtra  
D.T.E. Institute Code : PH 6385 • Website : www.pdea-sucopsrc.org • E-mail : sucopsrc\_2009@yahoo.co.in  
Phone : 020-27011106  
Date : 30/10/2018

Fax : 020-27013835

Ref. No.: SUCOPSRC/ 629/2018-2019

President  
**Ajit Pawar**

Vice President  
**Rajendra Ghadge**

Hon. Secretary  
**Adv. Sandeep Kadam**

Treasurer  
**Shanrao Deshmukh**

Dy. Secretary  
**L. M. Pawar**

Principal  
**DR. Ashok Bhosale**

To,  
**The Director**  
**Central Forensic Science Laboratory**  
**Directorate of Forensic Science Services**  
**Ministry of Home Affairs, Govt. of India,**  
**38/4, Krishna Complex, Kharadi Bypass,**  
**Kharadi Pune-411014**

**Subject: Regarding Educational visit at your laboratory**


Respected Sir,

Our college was established in 2009 with the prime aim of providing quality education in the Pharmaceutical Sciences. The college is conducting B. Pharm. course and M. Pharm. course with specializations in Pharmaceutics and Quality Assurance Techniques.

Every year college conduct educational visit for students. Sir your Central Forensic Science Laboratory will help to upgrade knowledge of our students. We intend to take a round of the entire laboratory and show the tasks handled in different departments to our students. There would be 67 number of visitors include 65 Final Year B. Pharm students and 02 faculty members.

Kindly grant us permission for the laboratory visit and make necessary arrangements for the same. We look forward to a positive reply from your side.

Thanking You,  
Yours Faithfully,

  
**Dr. Ashok Bhosale**  
**PRINCIPAL**  
**P. D. E. A's**  
**Shankarrao Ursal College of Pharmaceutical**  
**Sciences & Research Centre**  
**Kharadi, Pune- 411014.**

**Institute Copy**



**CENTRAL FORENSIC SCIENCE LABORATORY**  
**DIRECTORATE OF FORENSIC SCIENCE SERVICES**

MINISTRY OF HOME AFFAIRS, GOVT. OF INDIA  
38/4, KRISHNA COMPLEX, KHARADI BYPASS, KHARADI, PUNE-411014  
(TEL. No. 020-20261695/98, e-mail: [cfslpune-dfss@gov.in](mailto:cfslpune-dfss@gov.in))

F. No. 1(52)/CFSL/P/Vigilance/2018 dt 30/10/2018  
To  
The principal,  
Shankarrao Ursal College of Pharmaceutical  
Science and Research Centre,  
Kharadi, Pune -411014.

Subject:- Permission to visit the CFSL, Kharadi, Pune -regarding.

Sir,

In reference to your letter ID. No SUCOPSRC/629/2018-19 dated 30<sup>th</sup> October, 2018 regarding visit of 65 students of B. Pharmacy final year along with faculty at CFSL, Pune. You are hereby allowed to take a round of CFSL, Pune on dated 1<sup>st</sup> November, 2018 at 15.00 hrs and interact with scientists

With regards

*[Signature]*  
Director

*[Handwritten initials]*  
01/11/18

P.D.E.A's S.U. College O.P.S. & R.C. Kharadi  
INWARD NO: 1045  
DATE: 4/11/18



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
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**PROBLEM SOLVING  
METHODOLOGIES**



**Pune District Education Association's  
SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES &  
RESEARCH CENTRE, KHARADI, PUNE-14**

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**Class: Third Year B. Pharm (Sem-V, Pattern- 2019)**


**Subject: - Formulative Pharmacy I (BP506P)**

**Academic Year-2021-22**

**Applied Level Questions**

1. Name any four tablet processing problems.
2. What is the accurate Therapeutic index of Paracetamol Tablet IP?
3. What is the first mention of pharmaceutical salt of drug?
4. How to Enhance stability & bioavailability of poorly soluble APIs?
5. How should i combine the data of dissolution test of each vessel?
6. Anyone knows Microbiology test specification for Cosmetics?
7. How to test efficacy of cosmetics products or a skin care treatment other than microscopic/superficial examination?
8. How can i measure antioxidant capacity of cream and encapsulated products?
9. What is the difference between Pharma Grade and Cosmetic Grade materials?
10. What are the in process checks parameters during Tablet coating.
11. What is the basic difference between Assay & Potency? Can assay change after manufacturing a drug?
12. Why Three consecutive batches taken for Validation.
13. Quantification of two grades of same polymer from a tablet dosage form?
14. In the process of palletization, the powder is sticking to the walls of die and also the pellet gets broke when try to remove? what to do?
15. Can DMSO be used as an excipient in oral liquid dosage forms and what is its permitted concentration?
16. How make granules and tablets of very hygroscopic drugs?
17. What are the Scale dependent & nondependent parameters in Coating process?
18. Can water conductivity affect the dissolution testing of drugs?
19. In case of dissolution testing by USP apparatus - II, what is the objective of diluting the sample taken after 10,20 or 30 minutes?
20. How to formulate and get marketing approval for a topical product?



  
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Kharadi, Pune-411014.





Pune District Education Association's  
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Research Centre, Kharadi, Pune-14.**

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**iii) CONDUCT OF CONTINUOUS INTERNAL ASSESSMENT**



**Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**EXAMINATION COMMITTEES  
(A.Y.2018-19 to A.Y.2022-23)**



Pune District Education Association's  
**SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL  
SCIENCES AND RESEARCH CENTRE**

Kharadi, Tal. Haveli, Dist. Pune - 411014



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Affiliated to : Savitribai Phule Pune University (PU/PN/Pharm/384/2009), Code 1235

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D.T.E.Institute Code : PH 6385 Website : [www.pdeasubpharm.edu.in](http://www.pdeasubpharm.edu.in) E-mail : [sucopsrc\\_2009@yahoo.co.in](mailto:sucopsrc_2009@yahoo.co.in)

Phone : 020 - 27013835

Date : / / 20

Ref. No. SUCOPSRC / / 20 - 20

**Examination Committee**

**Academic Year 2022-23**

President  
**Ajit Pawar**

Vice President  
**Rajendra Ghadge**

Hon. Secretary  
**Adv. Sandeep Kadam**  
Senate Member, SPPU, Pune

Treasurer  
**Adv. Mohanrao Deshmukh**

Dy. Secretary  
**L. M. Pawar**

Principal  
**Dr. Ashok Bhosale**

Sr. No.	Names of the Members	Designation	Email Id	Contact No.
1	Dr. Ashok Bhosale	Chairman ( Principal)	<a href="mailto:profavbhosale@yahoo.in">profavbhosale@yahoo.in</a>	9850890093
2	Dr. Ravindra Patil	Member ( Professor & Coordinator-IQAC))	<a href="mailto:rypatil1971@yahoo.co.in">rypatil1971@yahoo.co.in</a>	9423208099
3	Mr. Vikram Veer	Member (Asst. Professor)	<a href="mailto:vikramveer05@gmail.com">vikramveer05@gmail.com</a>	9604280835
4	Mr. Prashant Khade	Member (Asst. Professor)	<a href="mailto:phkhade@gmail.com">phkhade@gmail.com</a>	8888872264
6	Mr. Vipul Dhasade	Member (Asst. Professor & Coordinator Internal Examinations)	<a href="mailto:vipuldhasade@gmail.com">vipuldhasade@gmail.com</a>	9970526436
7	Mr. Satish Pawar	Member (Clerk)	<a href="mailto:satishpawar507@gmail.com">satishpawar507@gmail.com</a>	8275741467
8	Ms. Snehal Kshirsagar	Student Representative (Final Year B. Pharm)	<a href="mailto:snehalk01@gmail.com">snehalk01@gmail.com</a>	7038952518
9	Mr. Shubham Gaike	Student Representative (S. Y. M. Pharm)	<a href="mailto:shubhamgaike@gmail.com">shubhamgaike@gmail.com</a>	9923424750
10	Mr. Krunal Kanase	Member –Secretary (Asst. Professor & College Examination Officer)	<a href="mailto:krunal.kanase@gmail.com">krunal.kanase@gmail.com</a>	9890705873

Mr. Krunal Kanase  
Chief Examination Officer  
P.D.E.A'S

Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre  
Kharadi, Pune-411014

Dr. Ashok Bhosale

**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.



Pune District Education Association's  
**SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL  
SCIENCES AND RESEARCH CENTRE**

Kharadi, Tal. Haveli, Dist. Pune - 411014

Approved by : All India Council for Technical Education,  
Pharmacy Council of India, New Delhi.

Affiliated to : Savitribai Phule Pune University (PU/PN/Pharm/384/2009), Code 1235

Recognised by : Government of Maharashtra

D.T.E.Institute Code : PH 6385 ■ Website : [www.pdeasubpharm.edu.in](http://www.pdeasubpharm.edu.in) ■ E-mail : [sucopsrc\\_2009@yahoo.co.in](mailto:sucopsrc_2009@yahoo.co.in)



Phone : 020 - 27013835

Date : / / 20

Ref. No.: SUCOPSRC / / 20 - 20

**Examination Committee  
Academic Year 2021-22**

President  
**Ajit Pawar**

Vice President  
**Rajendra Ghadge**

Hon. Secretary  
**Adv. Sandeep Kadam**  
Senate Member, SPPU, Pune

Treasurer  
**Adv. Mohanrao Deshmukh**

Dy. Secretary  
**L. M. Pawar**

Principal  
**Dr. Ashok Bhosale**

Sr. No.	Names of the Members	Designation	Email Id	Contact No.
1	Dr. Ashok Bhosale	Chairman ( Principal)	<a href="mailto:profavbhosale@yahoo.in">profavbhosale@yahoo.in</a>	9850890093
2	Dr. Ravindra Patil	Member ( Professor &Coordinator- IQAC))	<a href="mailto:rypatil1971@yahoo.co.in">rypatil1971@yahoo.co.in</a>	9423208099
3	Mr. Vikram Veer	Member (Asst. Professor)	<a href="mailto:vikramveer05@gmail.com">vikramveer05@gmail.com</a>	9604280835
4	Mr. Prashant Khade	Member (Asst. Professor)	<a href="mailto:phkhade@gmail.com">phkhade@gmail.com</a>	8888872264
6	Mr. Vipul Dhasade	Member (Asst. Professor & Coordinator Internal Examinations)	<a href="mailto:vipuldhasade@gmail.com">vipuldhasade@gmail.com</a>	9970526436
7	Mr. Satish Pawar	Member (Clerk)	<a href="mailto:satishpawar507@gmail.com">satishpawar507@gmail.com</a>	8275741467
8	Mr. Raj Dake	Student Representative (T. Y. B. Pharm)	<a href="mailto:rajdake@gmail.com">rajdake@gmail.com</a>	7083111340
9	Ms. Jayashri Bramhane	Student Representative (F. Y. M. Pharm)	<a href="mailto:Jayashrib01@gmail.com">Jayashrib01@gmail.com</a>	9359229134
10	Mr. Vivek Ingale	Member -Secretary (Asst. Professor & College Examination Officer)	<a href="mailto:vivek.b.ingale@gmail.com">vivek.b.ingale@gmail.com</a>	9921783412

*Ingale*

Mr. Vivek Ingale

**Chief Examination Officer  
P.D.E.A'S**

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*Dr. Ashok Bhosale*

Dr. Ashok Bhosale

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**SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES  
AND RESEARCH CENTRE, KHARADI, PUNE-14.**

**Examination Committee**

Academic Year 2020-21

Sr. No.	Names of the Members	Designation	Mobile No.	E-mail
1	Dr. Ashok Bhosale	Chairman (Principal)	9850890093	profavbhosale@yahoo.co.in
2	Dr. Vijaya Barge	Member (Vice-Principal)	9923265133	bargevijaya2016@gmail.com
3	Prof. Vipul Dhasade	Member (Internal Exam. In-charge)	99705 26436	vipuldhasade2009@gmail.com
4	Prof. Vikram Veer	Member (Academic In-charge)	9604280835	veervs3179@gmail.com
5	Prof. Sujit Kakade	Member (HOD)	9975642600	sujitkakade@gmail.com
6	Mr. Satish Pawar	Member (Clerk)	8275741467	satishpawar507@gmail.com
7	Prof. Vivek B. Ingale	Secretary (CEO)	9921783412	vivek.b.ingale@gmail.com

  
Prof. Vivek Ingale  
Chief Examination Officer  
P.D.E.A'S

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Kharadi, Pune-411014.

  
Dr. Ashok Bhosale

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SHANKARRAO URSAI COLLEGE OF PHARMACEUTICAL SCIENCES  
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### Examination Committee

Academic Year 2019-20

Sr. No.	Names of the Members	Designation	Mobile No.	E-mail
1	Dr. Ashok Bhosale	Chairman (Principal)	9850890093	profavbhosale@yahoo.co.in
2	Dr. Vijaya Barge	Member (Vice-Principal)	9923265133	bargevijaya2016@gmail.com
3	Prof. Vipul Dhasade	Member (Internal Exam. In-charge)	99705 26436	vipuldhasade2009@gmail.com
4	Prof. Vikram Veer	Member (Academic In-charge)	9604280835	veervs3179@gmail.com
5	Prof. Sujit Kakade	Member (HOD)	9975642600	sujitkakade@gmail.com
6	Mr. Satish Pawar	Member (Clerk)	8275741467	satishpawar507@gmail.com
7	Prof. Vivek B. Ingale	Secretary (CEO)	9921783412	vivek.b.ingale@gmail.com

Prof. Vivek Ingale  
Chief Examination Officer  
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Kharadi, Pune-411014

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**SHANKARRAO URSAL COLLEGE OF PHARMACEUTICAL SCIENCES  
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**Examination Committee**

**Academic Year 2018-19**

Sr. No.	Names of the Members	Designation	Mobile No.	E-mail
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2	Dr. Vijaya Barge	Member (Vice-Principal)	9923265133	bargevijaya2016@gmail.com
3	Prof. Vipul Dhasade	Member (Internal Exam. In-charge)	99705 26436	vipuldhasade2009@gmail.com
4	Prof. Vikram Veer	Member (Academic In-charge)	9604280835	veervs3179@gmail.com
5	Prof. Sujit Kakade	Member (HOD)	9975642600	sujitkakade@gmail.com
6	Mr. Satish Pawar	Member (Clerk)	8275741467	satishpawar507@gmail.com
7	Prof. Vivek B. Ingale	Secretary (CEO)	9921783412	vivek.b.ingale@gmail.com

**Prof. Vivek Ingale**  
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Kharadi, Pune-411014.



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**INTERNAL EXAM  
SESSIONAL EXAM TIME-TABLES  
(A.Y.2022-2023)**



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
 Research Centre, Kharadi, Pune**



**NOTICE NO.: - 06**  
 (Academic Year- 2023-2024)


Date: 08.06.2023

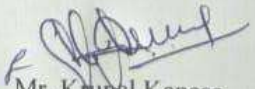
All the students of F. Y. B. Pharm. (Sem.-II) and S. Y. M. Pharm. (Sem.-II) are hereby informed that their **First Sessional Practical Examination** will commence from **12.06.2023 to 17.06.2023** as per regular academic timetable. **First Sessional Theory Examination** will commence from **19.06.2023 to 24.06.2023**. The students should be present 15 minutes before commencement of examination at the place of Examination.


**Time Table for First Sessional Theory Examination 2022-2023**

Date/Day	F.Y. B. Pharm. (Sem.-II)	F. Y. M. Pharm. (Sem.-II) Pharmaceuticals	F. Y. M. Pharm. (Sem.-II) Pharmaceutical Quality Assurance
19.06.2023 Monday	Biochemistry	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	Hazards and Safety Management
20.06.2023 Tuesday	Human Anatomy and Physiology II	Advanced Biopharmaceutics & Pharmacokinetics	Pharmaceutical Validation
21.06.2023 Wednesday	Pathophysiology	Computer Aided Drug Development	Audits and Regulatory Compliance
22.06.2023 Thursday	Pharmaceutical Organic Chemistry I	Cosmetic & Cosmeceuticals	Pharmaceutical Manufacturing Technology
23.06.2023 Friday	Computer Applications in Pharmacy	-	-
24.06.2023 Saturday	Environmental sciences	-	-

Class	Seating Arrangement	Roll No.	Time
F.Y. B. Pharm. (Sem.-II)	Lecture Hall -1 Lecture Hall -2	1 to 35 36 to 66	10.30am- 12.00 pm
S.Y. M. Pharm. (Sem.-II)	Lecture Hall -1	1 to 33	12.30pm- 02.00 pm

  
 Mr. Vipul Dhasade  
 Internal Examination In-Charge  
 P.D.E.A.'S  
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 Science & Research Centre  
 Kharadi, Pune-411014

  
 Mr. Kunal Kanase  
 Chief Examination Officer  
 P.D.E.A.'S  
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 Science & Research Centre  
 Kharadi, Pune-411014

  
 Dr. Ashok Bhosale  
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 Kharadi, Pune-411014.



**Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**INTERNAL EXAM  
SESSIONAL EXAM TIME-TABLES  
(A.Y.2022-2023)**





Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune**

NOTICE NO.: - 610

(Academic Year- 2022-2023)

Date: 02.05.2023

All the students of S. Y. B. Pharm. (Sem.-IV) T. Y. B. Pharm. (Sem. - VI) and Final Year B. Pharm. (Sem. VIII) are hereby informed that their Second Sessional Practical Examination will commence from 15.05.2023 as per regular academic timetable. Second Sessional Theory Examination will commence from 22.05.2023 to 27.05.2023. The students should be present 15 minutes before commencement of examination at the place of Examination.

**Time Table for Second Sessional Theory Examination 2022-2023**

Date/Day	S.Y. B. Pharm (Sem.-IV)	T.Y. B. Pharm (Sem.-VI)	Final Year B. Pharm (Sem.-VIII)
22.05.2023 Monday	Pharmaceutical Organic Chemistry III	Medicinal Chemistry III	--
23.05.2023 Tuesday	Medicinal Chemistry I	Pharmacology III	--
24.05.2023 Wednesday	Physical Pharmaceutics II	Herbal Drug Technology	Biostatistics and Research Methodology
25.05.2023 Thursday	Pharmacology I	Biopharmaceutics and Pharmacokinetics	Social and Preventive Pharmacy
26.05.2023 Friday	Pharmacognosy and Phytochemistry I	Pharmaceutical Biotechnology	Pharmacovigilance
27.05.2023 Saturday	--	Quality Assurance	Cosmetic Science

Class	Seating Arrangement	Roll No.	Time
T. Y. B. Pharm. ( Sem.- VI)	Lecture Hall -1 Lecture Hall -2	1 to 35 36 to 75	09.30am- 11.00 am
S.Y. B. Pharm. (Sem. IV)	Lecture Hall -1 Lecture Hall -2	1 to 35 36 to 76	11.30am- 01.00 pm
Final Y. B. Pharm. (Sem-VIII)	Lecture Hall -3 Lecture Hall -4	1 to 30 31 to 68	

**Mr. Vipul Dhasade**  
Internal Examination In-Charge  
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**Mr. Krunal Kanase**  
Chief Examination Officer  
P.D.E.A.S  
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Kharadi, Pune-411014.

**Dr. Ashok Bhosale**  
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Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
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**NOTICE NO.:- 521**  
(Academic Year- 2022-2023)


Date: 03.03.2022


All the students of S. Y. B. Pharm. (Sem.-IV) T. Y. B. Pharm. (Sem. - VI) and Final Year B. Pharm. (Sem. VIII) are hereby informed that their First Sessional Theory Examination will commence from 09.03.2023 to 15.03.2023. First Sessional Practical Examination will commence from 27.03.2023 as per regular academic timetable. The students should be present 15 minutes before commencement of examination at the place of Examination.


**Time Table for Sessional Theory Examination 2022-23**

Date/Day	S.Y. B. Pharm (Sem.-IV)	T.Y. B. Pharm (Sem.-VI)	Final Year B. Pharm (Sem.-VIII)
09/03/2023 Thursday	Pharmaceutical Organic Chemistry III	Medicinal Chemistry III	Biostatistics and Research Methodology
10/03/2023 Friday	Medicinal Chemistry I	Pharmacology III	Social and Preventive Pharmacy
11/03/2023 Saturday	Physical Pharmaceutics II	Herbal Drug Technology	Pharmacovigilance
13/03/2023 Monday	Pharmacology I	Biopharmaceutics and Pharmacokinetics	Cosmetic Science
14/03/2023 Tuesday	Pharmacognosy and Phytochemistry I	Pharmaceutical Biotechnology	--
15/03/2023 Wednesday	--	Quality Assurance	--

Class	Seating Arrangement	Roll No.	Time
T. Y. B. Pharm. ( Sem.- VI)	Lecture Hall -1 Lecture Hall -2	1 to 35 36 to 75	10.30am- 12.00 noon
S.Y. B. Pharm. (Sem. IV)	Lecture Hall -1 Lecture Hall -2	1 to 35 36 to 76	01.30 pm -03.00 pm
Final Y. B. Pharm. (Sem-VIII)	Lecture Hall -3 Lecture Hall -4	1 to 30 31 to 68	

  
Mr. Vipul Dhasade  
Internal Examination In-Charge  
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Mr. Krunal Kanase  
Chief Examination Officer  
P.D.E.A's  
Shankarrao Ursal College of Pharmaceutical  
Science & Research Centre  
Kharadi, Pune-411014.

  
Dr. Ashok Bhosale  
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Kharadi, Pune-411014

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**Shankarrao Ursal College of Pharmaceutical Sciences &  
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NOTICE NO.: - 499  
(Academic Year- 2022-2023)


Date: 11/02/2022

All the students of F. Y. B. Pharm. (Sem.-I) and F. Y. M. Pharm. (Sem.-I, Pharmaceutics, Pharmaceutical Quality Assurance) are hereby informed that their **First Sessional Practical Examination** will commence from 20.02.2023 as per regular academic timetable. **First Sessional Theory Examination** will commence from 27.02.2023 to 04.03.2023. The students should be present 15 minutes before commencement of examination at the place of Examination.

**Time Table for First Sessional Theory Examination 2022-23**


Date/Day	F.Y. B. Pharm. (Sem.-I)	F. Y. M. Pharm. (Sem.-I) Pharmaceutics	F. Y. M. Pharm. (Sem.-I) Pharmaceutical Quality Assurance
27/02/2023 Monday	Human Anatomy and Physiology I	Modern Pharmaceutical Analytical Techniques	Modern Pharmaceutical Analytical Techniques
28/02/2023 Tuesday	Pharmaceutical Analysis I	Drug Delivery System	Quality Management System
01/03/2023 Wednesday	Pharmaceutics I	Modern Pharmaceutics	Quality Control and Quality Assurance
02/03/2023 Thursday	Pharmaceutical Inorganic Chemistry	Regulatory Affair	Product Development and Technology Transfer
03/03/2023 Friday	Communication skills	-	-
04.03.2023 Saturday	Remedial Mathematics	-	-

Class	Seating Arrangement	Roll No.	Time
F. Y. B. Pharm. (Sem.-I)	Lecture Hall -1 Lecture Hall -2	1 to 30 31 to 66	10:30am-12:00pm
F. Y. M. Pharm. (Sem.-I)	Lecture Hall -3	01 to 30	

  
Mr. Vipul Dhasade  
Internal Examination in Charge

Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre  
Kharadi, Pune-411014.

  
Mr. Krunal Kanase  
Chief Examination Officer  
P.D.E.A'S  
Shankarrao Ursal College of Pharmaceutical  
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NOTICE NO.: - 450  
(Academic Year- 2022-2023)


Date: 13.12.2022


All the students of **Direct Second Year** admitted in **S. Y. B. Pharm. (Sem.-III)** are hereby informed that their **First Sessional Theory Examination** will commence from **26.12.2022 to 29.12.2022**. The students should be present 15 minutes before commencement of examination at the place of Examination.

**Time Table for First Sessional Theory Examination 2022-23**

Date/Day	S.Y. B. Pharm (Sem.-III)
26.12.2022 Monday	Pharmaceutical Organic Chemistry II
27.12.2022 Tuesday	Physical Pharmaceutics I
28.12.2022 Wednesday	Pharmaceutical Microbiology
29.12.2022 Thursday	Pharmaceutical Engineering

Class	Seating Arrangement	Roll No.	Time
S. Y. B. Pharm. (Sem. III)	Block No.: 1	65 to 76	10.00am -11.30am

  
Mr. Vipul Dhasade  
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Dr. Ashok Bhosale  
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Pharmaceutical Sciences & Research Centre  
Kharadi, Pune-411014



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
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NOTICE NO.: - 338

Date: 31.10.2022

(Academic Year- 2022-2023)

All the students of T. Y. B. Pharm. (Sem.- V), Final Year B. Pharm. (Sem.VII) and S. Y. M. Pharm (Sem. III) are hereby informed that their **Second Sessional Practical Examination** will commence from **07.11.2022** as per regular academic time table. **Second Sessional Theory Examination** will commence from **14.11.2022** to **18.11.2022**. The students should be present 15 minutes before commencement of examination at the place of Examination.

**Time Table for Second Sessional Theory Examination 2022-2023**

Date/Day	T.Y. B. Pharm (Sem.-V)	Final Year B. Pharm (Sem.-VII)	S.Y. M. Pharm (Sem.-III)
14.11.2022 Monday	Medicinal Chemistry-II	Instrumental Methods of Analysis	Research Methodology and Biostatistics
15.11.2022 Tuesday	Formulative Pharmacy/ Industrial Pharmacy I	Industrial Pharmacy II	-
16.11.2022 Wednesday	Pharmacology -II	Pharmacy Practice	-
17.11.2022 Thursday	Pharmacognosy and Phytochemistry II	Novel Drug Delivery System	-
18.11.2022 Friday	Pharmaceutical Jurisprudence	--	-

Class	Seating Arrangement	Roll No.	Time
Final Y. B. Pharm. (Sem-VII)	Lecture Hall -1 Lecture Hall -2	1 to 30 31 to 69	10.00am -11.30am
T. Y. B. Pharm. ( Sem.- V)	Lecture Hall -1 Lecture Hall -2	1 to 35 36 to 76	12.00pm -01.30pm
S.Y. M. Pharm. (Sem. III)	Lecture Hall -3	1 to 30	

Mr. Vipul Dhasade

**Internal Examination In-Charge**  
P.D.E.A'S  
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Mr. Sujit Kakade

**Chief Examination Officer**  
P.D.E.A'S  
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Dr. Ashok Bhosale

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**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune**

NOTICE NO.: - 344  
(Academic Year- 2022-2023)

Date:10/09/2022

All the students of S. Y. B. Pharm. (Sem.-III) T. Y. B. Pharm. (Sem.- V), Final Year B. Pharm. (Sem.VII) and S. Y. M. Pharm (Sem. III) are hereby informed that their **First Sessional Practical Examination** will commence from **19-09-2022** as per regular academic time table. **First Sessional Theory Examination** will commence from **27-09-2022 to 01/10/2022**. The students should be present 15 minutes before commencement of examination at the place of Examination.

**Time Table for First Sessional Theory Examination 2022-23**

Date/Day	S.Y. B. Pharm (Sem.-III)	T.Y. B. Pharm (Sem.-V)	Final Year B. Pharm (Sem.-VII)	S.Y. M. Pharm (Sem.-III)
27.09.2022 Tuesday	Pharmaceutical Organic Chemistry II	Medicinal Chemistry-II	Instrumental Methods of Analysis	Research Methodology and Biostatistics
28.09.2022 Wednesday	Physical Pharmaceutics I	Industrial Pharmacy-I	Industrial Pharmacy II	-
29.09.2022 Thursday	Pharmaceutical Microbiology	Pharmacology -II	Pharmacy Practice	-
30.09.2022 Friday	Pharmaceutical Engineering	Pharmacognosy and Phytochemistry II	Novel Drug Delivery System	-
01.10.2022 Saturday	--	Pharmaceutical Jurisprudence	--	-

Class	Seating Arrangement	Roll No.	Time
S.Y. B.Pharm. (Sem. III)	Lecture Hall -3 Lecture Hall -4	1 to 30 31 to 66	10.15am -11.45am
Final Y. B. Pharm. (Sem-VII)	Lecture Hall -1 Lecture Hall -2	1 to 30 31 to 69	
T. Y. B. Pharm. ( Sem.- V)	Lecture Hall -1 Lecture Hall -2	1 to 35 36 to 76	01.00pm -02.30pm
S.Y. M. Pharm. (Sem. III)	Lecture Hall -3	1 to 30	

Mr. Vipul Dhasade

Internal Examination In-Charge

Mr. Sujit Kakade

Exam Incharge

Dr. Ashok Bhosale

PRINCIPAL  
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Kharadi, Pune-411014

Mr. Vipul Dhasade

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**INTERNAL EXAM  
CONTINUOUS ASSESSMENT EXAM TIME-TABLES  
(A.Y.2022-2023)**



Pune District Education Association's  
**Shankarrao Ural College of Pharmaceutical Sciences &  
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NOTICE NO.: - 572  
(Academic Year- 2022-2023)

Date : 12.04.2023





All the students of S. Y. B. Pharm (Sem. – IV), T. Y. B. Pharm. (Sem. – VI) and Final Year B. Pharm (Sem- VIII) are hereby informed that their **Continuous Assessment No: II Assignment** will commence from **17.04.2023 to 24.04.2023**. Assignment should be submit within two days from the date of assignment given. The assignment will be given in lecture of regular academic schedule for corresponding subject as mentioned in below timetable. Those Students have 80% attendance in regular theory class, only those will be allowed for assessment.

**Schedule of Continuous Assessment No. II: Assignment (10M)**

Date / Day	S. Y. B. Pharm. (Sem.-IV)	T. Y. B. Pharm. (Sem.-VI)	Final Year B. Pharm. (Sem.-VIII)
17-04-2023 Monday	Pharmaceutical Organic Chemistry III	Medicinal Chemistry III	Biostatistics and Research Methodology
18-04-2023 Tuesday	Medicinal Chemistry I	Pharmacology III	Social and Preventive Pharmacy
19-04-2023 Wednesday	Physical Pharmaceutics II	Herbal Drug Technology	Pharmacovigilance
20-04-2023 Thursday	Pharmacology I	Biopharmaceutics and Pharmacokinetics	Cosmetic Science
21-04-2023 Friday	Pharmacognosy and Phytochemistry I	Pharmaceutical Biotechnology	--
24-04-2023 Monday	--	Quality Assurance	--

  
Mr. Vipul Dhasade  
In-charge  
P.D.E.A.S.  
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Kharadi, Pune-411014.

  
Mr. Krunal Kanase  
Exam In-charge  
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Sciences & Research Centre  
Kharadi, Pune-411014.

  
Dr. Ashok Bhosale  
**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Ural College of Pharmaceutical  
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Pune District Education Association's

**Shankarrao Ursal College of Pharmaceutical Sciences &**

**Research Centre, Kharadi, Pune**


NOTICE NO.: - 437  
(Academic Year- 2022-2023)

Date : 11.02.2023

All the students of T. Y. B. Pharm. (Sem. - VI) and Final Year B. Pharm (Sem- VIII) are hereby informed that their **Continuous Assessment No: I (Open Book Test)** will commence from **20.02.2023 to 25.02.2023**. The open book test will be given in lecture of regular academic schedule for corresponding subject as mentioned in below timetable. Those Students have 80% attendance in regular theory class, only those will be allowed for assessment.


**Schedule of Continuous Assessment No. I: Open Book Test (10M)**

<b>Date / Day</b>	<b>T. Y. B. Pharm. (Sem.-VI)</b>	<b>Final Year B. Pharm. (Sem.-VIII)</b>
20-02-2023 Monday	Quality Assurance	Cosmetic Science
21-02-2023 Tuesday	Biopharmaceutics and Pharmacokinetics	Biostatistics and Research Methodology
22-02-2023 Wednesday	Medicinal Chemistry III	Pharmacovigilance
23-02-2023 Thursday	Herbal Drug Technology	Social and Preventive Pharmacy
24-02-2023 Friday	Pharmaceutical Biotechnology	--
25-02-2023 Saturday	Pharmacology III	--

  
Mr. Vipul Dhasade

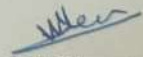
Internal Examination in Charge

Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre  
Kharadi, Pune-411014.

  
Mr. Krunal Kanase

Chief Examination Officer  
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NOTICE NO.: - 448  
(Academic Year- 2022-2023)


Date: 13.12.2022

All the students of Direct Second Year admitted in S. Y. B. Pharm. (Sem.-III) are hereby informed that their Continuous Assessment Examination No: I (Open Book Test) will commence from 16.12.2022 to 20.12.2022. The students should be present 15 minutes before commencement of examination at the place of Examination. The Open Book Test will be conducted on every day 11:00am to 12:00pm of regular academic schedule for corresponding subject as mentioned in below timetable.

**Schedule of Continuous Assessment No. I: Open Book Test (10M)**

Sr. No.	Date/ Day	S. Y. B. Pharm.(Sem III)
1	16.12.2022 Friday	Pharmaceutical Organic Chemistry II
2	17.12.2022 Saturday	Physical Pharmaceutics I
3	19.12.2022 Monday	Pharmaceutical Microbiology
4	20.12.2022 Tuesday	Pharmaceutical Engineering

  
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NOTICE NO.: - 392  
(Academic Year- 2022-2023)

Date:20/10/2022


All the students of T. Y. B. Pharm. (Sem.- V) and Final Year B. Pharm (Sem- VII) are hereby informed that their **Continuous Assessment No: II Assignment** will commence from 01.11.2022 to 05.11.2022. The assignment will be given in lecture of regular academic schedule for corresponding subject as mentioned in below time table. Assignment should be submit within two days from the date of assignment given.

**Schedule of Continuous Assessment No. II: Assignment (10M)**


Date / Day	T. Y. B. Pharm. (Sem.-V)	Final Year B. Pharm. (Sem.-VII)
01.11.2022 Monday	Pharmacognosy and Phytochemistry II	Instrumental Methods of Analysis
02.11.2022 Tuesday	Pharmacology -II	Novel Drug Delivery System
03.11.2022 Wednesday	Pharmaceutical Jurisprudence	Industrial Pharmacy II
04.11.2022 Thursday	Medicinal Chemistry-II	Pharmacy Practice
05.11.2022 Friday	Formulative Pharmacy/ Industrial Pharmacy I	---

  
Mr. Vipul Dhasade

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Mr. Sujit Kakade

Chief Examination Officer  
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NOTICE NO.: - 321  
(Academic Year- 2022-2023)

Date: 25/08/2022


All the students of **S. Y. B. Pharm Sem III** and **T. Y. B. Pharm Sem V** are hereby informed that their **Continuous Assessment No: I (Open Book Test)** will commence from **29.08.2022 to 03.09.2022**. The open book test will be given in lecture of regular academic schedule for corresponding subject as mentioned in below time table. Those Students have 80% attendance in regular theory class, only those will be allowed for assessment.

**Schedule of Continuous Assessment: Marks 10**


Sr. No.	Date/ Day	S.Y.B.Pharm. (Sem III)	T.Y.B.Pharm.(Sem V)
1	29/08/2022 Monday	Physical Pharmaceutics I	Pharmacognosy and Phytochemistry II
2	30/08/2022 Tuesday	Pharmaceutical Engineering	Pharmacology -II
3	01/09/2022 Thursday	Pharmaceutical Microbiology	Medicinal Chemistry-II
4	02/09/2022 Friday	Pharmaceutical Organic Chemistry II	Industrial Pharmacy-I
5	03/09/2022 Saturday	--	Pharmaceutical Jurisprudence

  
Mr. Vipul Dhasade

Internal Examination In-Charge  
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Mr. Sujit Kakade

Exam Incharge  
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**TIMETABLES FOR Ph.D COURSE WORK EXAMINATION  
( CONTINUOUS ASSESMENT I & CONTINUOUS ASSESMENT II )  
(A.Y. 2022-2023)**

Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences and  
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**Time Table for Ph. D. Course Work Examination  
Continuous Assessment – I**

**Mode of Examination: Offline**

Sr. No.	Date & Day	Time	Subject
1	21/09/2022 (Wednesday)	2.30 pm to 4.00 pm	Research Methodology
2	22/09/2022 (Thursday)	2.30 pm to 4.00 pm	Subject specialization – 01 Pharmaceutical Product Development/Pharmaceutical Chemistry
3	23/09/2022 (Friday)	2.30 pm to 4.00 pm	Subject specialization – 02 Bio-pharmaceutics and Pharmacokinetics/Pharmaceutical Analysis
4	26/09/2022 (Monday)	2.00 pm onwards	*Seminar

\* Seminar: All research scholars are hereby informed that they should convey the topics of seminar after discussion with their respective guide on or before 15/08/2022.

Dr. Vijaya Barge  
Research Centre Coordinator

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Dr. Ashok Bhosale  
Principal  
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Kharadi, Pune-411014



Pune District Education Association's  
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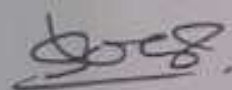


Time Table for Ph. D. Course Work Examination  
Continuous Assessment – II

Mode of Examination: Offline

Sr. No.	Date & Day	Time	Subject
1	24/11/2022 (Thursday)	2.30 pm to 4.00 pm	Research Methodology
2	25/11/2022 (Friday)	2.30 pm to 4.00 pm	Subject specialization – 01 Pharmaceutical Product Development/Pharmaceutical Chemistry
3	26/11/2022 (Saturday)	2.30 pm to 4.00 pm	Subject specialization – 02 Bio-pharmaceutics and Pharmacokinetics/Pharmaceutical Analysis
4	29/11/2022 (Monday)	2.00 pm onwards	*Seminar

\*Seminar: All research scholars are hereby informed that they should convey the topics of seminar after discussion with their respective guide on or before 15/11/2022.



Dr. Vijaya Barge  
Research Centre Coordinator  
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Dr. Ashok Bhosale  
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Kharadi, Pune-411014





**Shankarrao Ursal College of Pharmaceutical Sciences & Research  
Centre, Kharadi, Pune-14.**

**NOTICE BOARD DISPLAYING EXAM TIME TABLE.**

**Notice Board**

Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences & Research Centre, Kharadi, Pune**  
(Academic Year: 2022-2023) Date: 26.07.2023

All the students of F. Y. B. Pharm. (Sem-II) are hereby informed that their Continuous Assessment Examination No. II (Assignment) will commence from 03.08.2023 to 09.08.2023. The students should be present 15 minutes before commencement of examination at the place of Examination. The Assignment will be conducted on every day as per regular academic schedule, for corresponding subject as mentioned in below timetable.

**Schedule of Continuous Assessment No. II: Assignment (10%)**

Date/Day	F. Y. B. Pharm. (Sem-II)
03.08.2023 Thursday	Pathophysiology
04.08.2023 Friday	Human Anatomy and Physiology II
05.08.2023 Saturday	Environmental sciences
07.08.2023 Monday	Computer Applications in Pharmacy
08.08.2023 Tuesday	Pharmaceutical Organic Chemistry I
09.08.2023 Wednesday	Biochemistry

Mr. Vipul Bhaskar  
Internal Examiner-in-Charge  
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Mr. Krishna Kanare  
Chief Examination Officer  
PDEA  
Shankarrao Ursal College of Pharmaceutical Sciences & Research Centre  
Kharadi, Pune-411014

Dr. Anish Bhaskar  
VICE, PRINCIPAL  
Pune District Education Association's  
Shankarrao Ursal College of Pharmaceutical Sciences & Research Centre  
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Dr. Anish Bhaskar  
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Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences & Research Centre, Kharadi, Pune**  
(Academic Year: 2022-2023) Date: 26.07.2023

All the students of F. Y. B. Pharm. (Sem-II) and S. Y. M. Pharm. (Sem-II) are hereby informed that their Second Sessional Theory Examination will commence from 26.07.2023 to 02.08.2023. Second Sessional Practical Examination will commence from 03.08.2023 as per regular academic timetable. The students should be present 15 minutes before commencement of examination at the place of Examination.

**Time Table for Second Sessional Theory Examination 2022-2023**

Date/Day	F. Y. B. Pharm. (Sem-II)	F. Y. M. Pharm. (Sem-II)	F. Y. M. Pharm. (Sem-II)
26.07.2023 Wednesday	Biochemistry	Molecular Pharmaceutics	Pharmaceutical Quality Assurance
27.07.2023 Thursday	Human Anatomy and Physiology II	Advanced Biopharmaceutics & Pharmacokinetics	Hazards and Safety Management
28.07.2023 Friday	Pathophysiology	Computer Aided Drug Development	Pharmaceutical Validation
29.07.2023 Saturday	Pharmaceutical Organic Chemistry I	Combinatorial Chemistry	Analysis and Regulatory Compliance
30.07.2023 Sunday	Computer Applications in Pharmacy	Pharmaceutical Manufacturing Technology	
31.07.2023 Monday	Environmental sciences		

Mr. Vipul Bhaskar  
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Mr. Krishna Kanare  
Chief Examination Officer  
PDEA  
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Dr. Anish Bhaskar  
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FIRST YEAR B. PHARMACY 2019 PATTERN/204/P-2023

**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.265 OF 2023  
FIRST YEAR B. PHARMACY 2019 PATTERN  
Examination of MAR/APR-2023  
(Under Faculty of Science and Technology : C/PHARMACEUTICAL SCIENCE)

**INSTRUCTIONS FOR CANDIDATES**

- Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.
- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.
- No request shall be granted for change in time or date of the University Examination on any ground.
- Candidates are requested to note the Day, Date and Time of Paper.
- Candidates are permitted to use stencils at the time of examination.
- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery operated electronic pocket size Calculator is allowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.
- The written examination will be conducted in soft copy only.

MAR/APR Page 1 of 2

FIRST YEAR B. PHARMACY 2019 PATTERN/204/P-2023

**SEMESTER - I**  
Time: 11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Monday 14.08.2023	BP101T	HUMAN ANATOMY AND PHYSIOLOGY - I
Tuesday 15.08.2023	BP102T	PHARMACEUTICAL ANALYSIS - I
Wednesday 16.08.2023	BP103T	PHARMACEUTICS - I
Thursday 17.08.2023	BP104T	PHARMACEUTICAL INORGANIC CHEMISTRY

**SEMESTER - II**  
Time: 11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Monday 14.08.2023	BP201T	HUMAN ANATOMY AND PHYSIOLOGY - II
Tuesday 15.08.2023	BP202T	PHARMACEUTICAL ORGANIC CHEMISTRY - I
Wednesday 16.08.2023	BP203T	BIOCHEMISTRY
Thursday 17.08.2023	BP204T	PATHOPHYSIOLOGY

Gandhinagar, Pune - 411 007  
Ref No: SCT 191  
Date: 26.06.2023

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Exam Seat No.

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Supervisor's Sign.

31/3/23  
(8 Pages)

Pune District Education Association's  
**SHANKARRAO URSAL COLLEGE OF  
 PHARMACEUTICAL SCIENCES &  
 RESEARCH CENTRE**

Kharadi, Dist. : Pune - 411 014.

First Sessional Examination 2022 - 2023  
 (Theory)

Class : S.Y.B. Pharm (Sem-IV) Date : 14/3/23

Subject : Pharmacognosy &amp; phytochemistry-I

Q. No.	1	2	3	4	5	Total	Signature of Examiner
	09	09	08	—	—	26/30	
Main Answer Sheet			No. of Supplements			Total	
1			+ 2			= 3	

Note - 1) Begin writing here. 2) Write on both sides.

1)

→ <sup>drugs</sup> Unorganised crude: Unorganised crude drugs are the drugs extracted or derived from ~~one~~ pure or original drug. These are not found in cellular form.

Example : oils (eucalyptus oil)  
 Gums (Acacia, tagarranth)

Derivatives of organised drug are also called  
 → as unorganised crude drugs.

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Exam Seat No.

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Accept  
11.6.23 (4 Pages)

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Kharadi, Dist. : Pune - 411 014.



First Sessional Examination 2022 - 2023  
 (Theory / Practical)

Class : S.Y.B. Pharm (Sem-IV) Date : 6/4/23

Subject : Pharmacognosy &amp; Phytochemistry-I

Q. No.	1	2	3	4	Total
	Synopsis	Major Experiment	Minor Experiment	Viva	
Marks obtained	06	10	07	04	26/40
Max. marks	10	15	10	5	40

Q. 1)

Synopsis :

- 1) Define stomata & enlist function of stomata.
- 2) Define evaluation of crude drug and explain its importance in pharmaceutical sciences.
- 3) write significance of micrometric analysis with example.

1)  
 → Stomata is the two kidney shaped / bean shaped structures joined close to each other and called guard cell

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Sem  
B.Pharm  
26-4-23

Exam Seat No. 1 Supervisor's Sign. [Signature] (4 Pages)

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PDEA  
 08/10  
 Continuous Assessment Examination 2022 - 2023

Class : S.Y.B. Pharm (Sem-IV) Test : Continuous Assessment-II  
 Subject : Pharmacognosy and Phytochemistry-I Date : 21/4/23

- Q.1) Define polyploidy and explain its application with reference to medicinal plants.
- Q.2) Comment on nutritional requirements in plant tissue culture
- Q.3) Enlist applications of plant tissue culture in pharmacognosy.

2)

→ Plant tissue culture is the technique in which the explant and/or plant cells are cultured in vitro to produce specific organ or a complete plant. It may be noted that plants in nature can synthesize their own food material. However, plants growing in vitro are mainly heterotrophic, i.e. they cannot synthesize their own food. Thus, for multiplication and growth the plant cell requires a specific nutrient which is similar to the nutrient which is obtained during the normal plant growth.

The success of plant tissue culture is mainly dependent upon the composition of the nutrient medium that is the nutrients supplied through culture media and environmental condition provided.

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[Signature]  
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(8 Pages)

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23/06/23

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Kharadi, Dist. : Pune - 411 014.

Pilot Sessional Examination 20 22 - 20 23  
 (Theory)

Class : F.Y. B. PharmDate : 29/06/2023Subject : Computer App<sup>n</sup> in Pharmacy

Seen

Date

Shankarrao

30/06/23

Q. No.	1	2	3	4	5	Total	Signature of Examiner
marks	6	20				26/30	Jy.
Main Answer Sheet			No. of Supplements			Total	
1			+			=	

Note - 1) Begin writing here. 2) Write on both sides.

6  
Q.1)

a) computer is the electronic machine which receive data from user data processing by performing circulation which gives derived data (output)

→ According to data handling technique there 3 types

1) Analog computer

2) Digital computer

3) Hybrid computer

→ Analog computer the computer which work on principle of measuring which obtained measurement transfer into derived information

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K. S. Seen  
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 Kharadi, Dist. : Pune - 411 014.

<sup>1st</sup> Sessional Examination 2021 - 2022  
 (Theory)

Class : S.T B. Pharm (IV sem) Date : 30-3-2022  
 Subject : Physical Pharmaceutics-II

Q. No.	1	2	3	4	5	Total	Signature of Examiner
	4	5	7	—	—	16	✓
Main Answer Sheet			No. of Supplements			Total	
1			+ 2			= 3	

Note - 1) Begin writing here. 2) Write on both sides.

A Hofmeister series in collids :-  
 Cationic : citrates > tartrates > sulfates >  
 acetates > chlorides > Nitrates > Bromides  
 Iodides  
 Anion :  $Mg^{+} > Ca^{+} > Ba^{+} > Na^{+} > K^{+}$

B Zeta potential :-  
 zeta potential is difference between  
 tightly bounded layer & electroneutral  
 layer  
 zeta potential = Tightly bounded layer -  
 electroneutral layer  
 Importance :-  
 1) zeta potential is a electrokinetics  
 2) It is important for stability,  
 absorption, therapy.

Mr. Vipul Dhasade  
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Pune District Education Association's  
**SHANKARRAO URSAL COLLEGE OF  
 PHARMACEUTICAL SCIENCES &  
 RESEARCH CENTRE**

Kharadi, Dist. : Pune - 411 014.

Sessional Examination 2019 - 2020  
 (Theory)

Class : S.Y.B. Pharm

Date : 20/2/2020

Subject : Physical Pharmaceutics - II

Q. No.	1	2	3	4	5	Total	Signature of Examiner
	03	8	8			19/30	
Main Answer Sheet			No. of Suppliments			Total	
1			+ 3			= 4	

Note - 1) Begin writing here. 2) Write on both sides.

Q] Zeta potential:

The potential difference or difference in the potential between the tightly bound layer surface and the electroneutral region of the solution.

Values of zeta potential:

- i] Zeta potential governs the repulsive force between the ion of like charges.
- ii] Zeta potential decreases
- iii] The optimum zeta potential results in the stability of colloids.

Mr. Vipul Dhasade  
 Internal Examination In-Charge  
 P.D.E.A.S.  
 Shankarrao Ursal College of Pharmaceutical  
 Science & Research Centre  
 Kharadi, Pune-411014.



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 Pune District Education Association's  
 Shankarrao Ursal College of Pharmaceutical  
 Sciences & Research Centre,  
 Kharadi, Pune-411014.





Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences  
& Research Centre, Kharadi, Pune**

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**SPECIMEN COPIES OF INTERNAL EXAMINATION ANSWERSHEETS  
COUNTERSIGNED BY STUDENTS (A.Y. 2018-19)**

seen  
25-03-19

(8 Pages)

Exam Seat No. 01 Supervisor's Sign. [Signature]

Pune District Education Association's  
**SHANKARRAO URSAL COLLEGE OF  
 PHARMACEUTICAL SCIENCES &  
 RESEARCH CENTRE**  
 Kharadi, Dist. : Pune - 411 014.

4 / II / III Sessional Examination 2018 - 2019  
 (Theory)

Class: T-Y-B-Pharm [sem-V] Date: 16/3/2019

Subject: Natural Product Chemistry

Q. No.	1	2	3	4	5	Total	Signature of Examiner
	06	4.5	03	—	—	14/20	[Signature]
Main Answer Sheet				No. of Supplements		Total	
1				+ 2		= 3	

Note - 1) Begin writing here. 2) Write on both sides.

Q.1

Q.1 17 → Natural colour:-

A coloured substance that has affinity to substrate to which it is being applied. Natural colour are added in pharmaceutical preparation to increase appearance of the preparation and also

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[Signature]  
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 Sciences & Research Centre,  
 Kharadi, Pune-411014.



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**SPECIMEN COPY OF INTERNAL EXAM MARK REGISTER FOR B.PHARMACY  
(A.Y. 2022-23)**



**Pune District Education Association's**  
**Shankarrao Ursal College of Pharmaceutical Sciences and Research Centre,**  
 Kharadi, Tal. Haveli, Dist. Pune - 411014.  
**Internal Examination Mark Register - B.Pharm (Semester -III.)**  
**Academic Year - 2022-2023**

UU0023  
 Maximum Marks  
 Theory 25  
 Practical 15



Name of Student	Roll No.	Exam Seat No.	Subject												Sign. of Student	
			Pharmaceutical organic chemistry- II		Physical Pharmaceutics I		Pharmaceutical microbiology		Pharmaceutical Engineering		Communication skill		Computer application			
			Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical		
Aadeppa Vishakha S.	01		23	13	20	12	20	10	22	12						
Aru Atharva A.	02		15	10	16	10	18	10	18	12						
Awhade Shivraj K.	03		17	12	18	10	19	10	19	12						
Awhade Vaishnavi T.	04		15	08	14	08	17	8	16	11						
Bhaje Shweta R.	05		19	12	19	11	19	10	20	12						
Bhatke Siddharth D.	06		21	13	18	11	20	10	21	13						
Chougude Akanksha B.	07		22	14	22	13	21	11	23	13						
Chavan Divya K.	08		23	13	22	12	21	11	22	13						
Chavan Sachin B.	09		16	11	16	10	16	10	19	10						
Chemmakuri Shrikant T.	10		11	08	12	07	14	9	11	07						
Choudhary Gourav D.	11		21	13	20	11	21	11	20	13						
Choudhary Mayuri A.	12		22	14	21	13	21	11	21	12						
Choudhary Teetondra M.	13		23	14	22	11	21	10	22	13						
Dhumal Sakshi P.	14		21	12	19	11	19	10	20	12						
Dhumal Shambhujyoti M.	15		21	12	21	11	20	10	20	12						
Dixit Rutuja A.	16		23	12	18	10	18	10	22	12						
Gubade Harsh R.	17		20	11	14	07	16	10	15	11						
Gude Bhakti A.	18		19	12	17	08	17	10	29	12						
Gudekar Sakshi S.	19		18	12	16	09	18	10	19	12						
Gaikwad Chetan A.	20		17	12	15	10	18	10	14	11						
Gaiande Anagha A.	21		23	14	22	12	22	11	22	13						
Gorade Rutuja P.	22		20	09	15	09	19	10	20	11						
Ghorade Sheetal R.	23		22	13	19	11	18	10	20	12						
Jadhav Anamika A.	24		19	13	17	11	18	10	19	12						
Jadhav Kajal B.	25		22	13	19	11	20	10	22	11						
Jadhav Komal V.	26		18	12	17	12	16	10	18	12						
Jadhav Tanmay H.	27		21	13	16	11	18	10	19	12						
Kadam Bhagyataxmi	28		21	13	19	10	18	10	21	12						
Kalbhar Vaishnavi B.	29		22	12	18	11	19	10	21	12						
Kale Tejal M.	30		22	13	21	12	20	10	21	12						
Phandusade Vaishnavi	31		22	13	20	11	20	10	20	12						
Kodas Pratiksha	32		23	13	20	11	20	10	21	12						
Kokate Siddhesh R.	33		19	13	13	10	15	9	10	08						
Kshirsagar Anshwara	34		24	14	23	13	22	12	23	13						
Lungase Nitish R.	35		23	13	21	12	18	10	22	13						
Matore Swati R.	36		21	09	16	10	18	9	21	12						
Patil Suresh H.	37		20	12	16	11	20	10	19	11						
Patil Gauri A.	38		21	13	17	11	20	10	19	12						
Patil Vaishnavi N.	39		20	12	18	12	20	10	20	12						
Pawar Aditi N.	40		22	13	21	12	20	10	20	12						
Pendhekar Ontkar B.	41		15	12	16	10	15	10	18	10						
Raipure Pranav N.	42		17	12	16	10	20	9	19	12						
Rathod Raj V.	43		07	10	09	08	10	10	06	08						
Rathod Vaishnavi A.	44		19	11	14	09	19	3	18	12						
Rikame Neha D.	45		20	11	20	11	18	10	19	11						
Salunke Ritesh R.	46		24	13	20	12	20	10	20	13						

458 / 482

Sign of Subject Teacher:

Principal

458 / 482









**Pune District Education Association's**  
**Shankarrao Ursal College of Pharmaceutical Sciences and Research Centre,**  
 Kharadi, Tal. Haveli, Dist. Pune - 411014  
**Internal Examination Mark Register - B.Pharm (Semester -III)**  
**Academic Year - 2022-2023**



Maximum Marks:  
 Theory : 25  
 Practical : 15

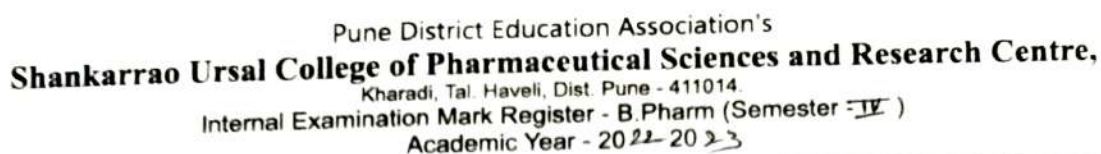
Name of Student	Roll No.	Exam Seat No.	Subject												Sign of Student
			Pharmaceutical Organic Chemistry-I		Physical Pharmaceutics-I		Pharmaceutical Microbiology		Pharmaceutical Engineering		Communication Skill		Computer Application		
			Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Theory	
Sasane Kishor Y.	47		18	12	15	09	15	9	19	12					
Shinde Akshada G.	48		19	12	14	09	20	10	18	12					
Shinde Akshay A.	49		14	07	13	11	15	9	20	12					
Shinde Rutuja B.	50		23	13	21	12	21	11	21	12					
Shinde Swayam V.	51		22	12	21	11	18	10	21	12					
Shivkar Aarth S.	52		16	11	13	09	17	9	17	11					
Singh Varika	53		22	13	19	12	19	10	19	12					
Sodhe Shreyash S.	54		22	12	19	10	18	9	20	11					
Surwase Rutuja V.	55		24	14	23	12	21	11	22	12					
Tale Manushi B.	56		24	14	23	13	21	11	22	13					
Tanwar Prathmesh	57		15	07	12	08	14	8	14	08					
Thambare Yogiraj V.	58		18	12	16	10	19	10	18	11					
Toradmal Gaurav P.	59		18	11	18	07	17	10	17	11					
Vajrathetti Ishas	60		17	13	21	11	19	10	19	12					
Wadhwa Sakshi H.	61		19	12	19	10	20	10	19	11					
Wankhede Yesh Kumar	62		17	12	18	10	17	9	17	11					
Shitole Omkar A.	63		08	05	08	03	11	8	03	08					
Thopte Vighnesh A.	64		08	05	07	05	9	8	05	08					
Bakar Mansi V.	65		18	11	15	11	20	10	16	12	19	12			
Bhorkade Shraddha B.	66		21	12	17	11	20	10	17	12	19	12			
Chorbele Yash S.	67		15	11	15	11	16	9	17	11	17	12			
Dalvi Shrawani Y.	68		21	13	19	11	19	10	21	13	20	12			
Dhore Avantika B.	69		15	11	16	11	19	10	20	12	17	12			
Hake Komal H.	70		23	11	21	11	21	11	22	12	21	12			
Padvi Sonali V.	71		19	11	15	10	19	10	19	12	21	12			
Rathod Abhay V.	72		18	11	13	09	17	10	16	12	17	10			
Shinde Ankita A.	73		15	11	15	10	19	10	18	12	19	12			
Shinde Tapdeep S.	74		16	11	18	11	19	9	18	12	18	12			
Thorat Sejal S.	75		21	11	17	11	19	10	20	12	21	12			
Tadhar Snehal R.	76		19	12	16	11	19	10	21	12	20	12			
			TRK	TRK	TRK	TRK	TRK	TRK	TRK	TRK	TRK	TRK			

**Internal Examination in Charge**  
**P.D.E.A.S**  
 Shankarrao Ursal College of Pharmaceutical Sciences & Research Centre  
 Kharadi, Pune-411014

**PRINCIPAL**  
 Pune District Education Association's  
 Shankarrao Ursal College of Pharmaceutical Sciences & Research Centre,  
 Kharadi, Pune-411014

Sign. of Subject Teacher :





Maximum Marks  
Theory : 25  
Practical : 15

Academic Year 2023-2024															
Name of Student	Roll No	Exam Seat No	Subject												Sign of Student
			Pharmaceutical organic chemistry-III		Medicinal chemistry-I		Physical pharmaceuticals-II		Pharmacology I		Pharmacognosy & Phytochemistry-I		Theory	Theory	
			Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical			
Rikame Neha D.	45		19		19	08	19	12	21	10	21	10			
Sulunkar Ritesh R.	46		23		20	11	20	13	18	13	23	10			
Sasane Kishor Y.	47		18		15	09	16	11	18	9	19	9			
Shinde Akshada G.	48		21		15	09	15	10	19	10	19	10			
Shinde Akshay A.	49		19		14	08	17	07	18	9	20	9			
Shinde Rutuja R.	50		21		19	09	21	13	20	11	22	11			
Shinde Swagata U.	51		21		18	09	19	09	20	10	21	10			
Shivarkar Anil S.	52		15		11	08	14	09	17	9	16	9			
Singh Yashika S.	53		22		16	09	19	12	20	12	23	11			
Solke Shreyash S.	54		19		18	09	20	11	18	11	20	11			
Somase Rutuja Y.	55		23		21	10	23	13	21	13	23	13			
Tade Mianali B.	56		24		22	11	23	13	20	13	23	13			
Tamwar Prathamesh	57		16		12	08	12	10	14	9	15	8			
Tamwar Yogiraj V.	58		19		16	09	14	10	17	10	16	11			
Toradmal Anurag P.	59		16		15	09	15	10	18	10	15	10			
Vajirashetti Jisha S.	60		20		17	08	20	11	19	11	21	11			
Wadhwa Sakshi H.	61		22		18	09	17	12	20	11	21	11			
Wamkhede Yashkumar	62		16		13	09	14	11	19	9	16	11			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shitole Omkar Anur	63		15		14	08	09	08	16	9	16	8			
Thapate Vighnesh A.	64		15		13	08	11	09	17	6	16	7			
Bobar Mansi Y.	65		19		16	08	15	11	16	10	22	11			
Bhatkote Shradha B.	66		16		16	08	16	11	16	9	19	10			
Chorbele Yash S.	67		15		08	08	14	10	14	8	14	10			
Dalvi Shrawani Y.	68		21		19	10	19	11	20	10	23	12			
Dhore Avantiika B.	69		21		15	09	17	11	18	10	20	11			
Hoke Komal H.	70		22		23	12	22	13	22	13	23	12			
Padri Sonali V.	71		19		17	09	16	11	21	11	18	10			
Rathod Abhay V	72		12		13	09	11	09	18	8	17	10			
Shinde Ankit A	73		19		18	09	18	11	20	10	21	11			
Shinde Jydeep S	74		16		16	09	15	09	19	9	20	10			
Thorat Gejal S.	75		21		19	09	21	12	19	11	22	12			
Jadhav Snehal R.	76		20		20	10	21	12	20	11	23	11			
	77														
									</						

Sign. of Subject Teacher :



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**SPECIMEN COPY OF INTERNAL EXAM MARK REGISTER FOR B.PHARMACY  
(A.Y. 2021-22)**





## Shankarrao Urs College of Pharmaceutical Sciences and Research Centre,

Kharadi, Tal. Haveli, Dist. Pune - 411014

Internal Examination Mark Register - B.Pharm (Semester - V)

Academic Year - 2021-2022

Maximum Marks:

Theory : 25

Practical : 15

Name of Student	Roll No.	Exam Seat No.	Subject												Sign. of Student
			Industrial Pharmacy-I		Medicinal Chemistry-II		Pharmacology II		Pharmacology & Photochemistry II		Pharmaceutical Jurisprudence		-	-	
			Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Theory	
Akhade Akshay B.	1		20	12	19		19	12	20	12	22				Akhade
Ananya Atharva R.	2		19	12	18		20	12	18	11	28				Ananya
Bhamare Mansi D.	3		21	14	20		21	13	22	12	22				Bhamare
Bhapsekar Nikhil D.	4		21	14	21		22	11	22	12	21				Bhapsekar
Bhosure Nikita K.	5		18	12	20		20	12	21	10	23				Bhosure
Bhujbal Nandini D.	6		19	12	21		21	12	21	11	20				Bhujbal
Bichukale Snehal J.	7		19	12	20		19	12	20	11	22				Bichukale
Chaudhary Snehal S.	8		18	12	21		20	13	21	11	22				Chaudhary
Dake Raj A.	9		19	11	20		20	11	21	11	20				Dake
Dhainje Rinku B.	10		19	11	21		18	12	21	12	20				Dhainje
Dikwad Pranjal P.	11		18	13	20		22	13	22	11	21				Dikwad
Galgunde Soham D.	12		18	12	22		18	12	19	11	20				Galgunde
Gaware Sonali R.	13		20	12	20		19	12	21	10	20				Gaware
Gund omkar D.	14		19	11	22		20	12	20	11	19				Gund
Hake Neha A.	15		18	11	20		19	12	22	11	22				Hake
Jagtap Vaishnavi C.	16		20	12	22		20	12	22	11	18				Jagtap
Jambhade Garpatra J.	17		18	11	21		18	12	21	10	20				Jambhade
Kalshetti Aishwarya R.	18		19	12	19		20	12	21	12	20				Kalshetti
Kamthe Aishwarya V.	19		18	11	20		22	12	22	11	22				Kamthe
Katadkar Vibhav B.	20		19	11	22		20	12	21	11	21				Katadkar
Kandave Gauri V.	21		18	12	20		19	12	22	12	22				Kandave
Kharatkar Shweta J.	22		19	12	21		20	13	21	11	21				Kharatkar
Kobare Abhishek S.	23		19	10	22		19	12	19	11	20				Kobare
Kote Shruti G.	24		19	12	20		20	12	22	10	20				Kote
Kudale Suvarna G.	25		19	12	15		20	12	21	11	21				Kudale
Kumbharkar Harshada S.	26		20	12	21		22	12	22	12	22				Kumbharkar
Kuwade Rutuja V.	27		19	12	20		22	13	22	11	22				Kuwade
Kondhe Minakshi R.	28		20	12	20		20	12	21	11	21				Kondhe
Koharnagar Shankar S.	29		17	10	19		19	12	20	09	16				Koharnagar
Kokashi Mansi M.	30		21	12	22		22	12	20	12	22				Kokashi
Mulla Anisa Imam	31		19	12	20		20	12	21	10	20				Mulla
Pansare Akshay	32		21	12	21		22	13	21	12	21				Pansare
Pharate Abhijit K.	33		17	11	17		22	12	21	09	20				Pharate
Puri Ravi K.	34		15	7	12		17	09	12	06	10				Puri
Raghatwan Akshada V.	35		19	12	21		19	12	22	10	22				Raghatwan
Raipure Prachi N.	36		20	12	21		20	13	20	11	20				Raipure
Rajpurohit Rajvir Singh	37		20	11	22		21	13	21	11	19				Rajpurohit
Sagar Deepali R.	38		21	12	21		23	13	21	12	21				Sagar
Sarode Pratiksha B.	39		19	12	20		19	12	22	11	19				Sarode
Sarode Ravikiran D.	40		13	12	21		18	12	21	11	20				Sarode
Shaikh Afifa R.	41		19	12	21		20	12	22	10	22				Shaikh
Shelke Komal K.	42		19	12	21		20	12	22	11	22				Shelke
Shinde Sagar J.	43		17	07	20		19	12	22	08	19				Shinde
Shinde Saurabh S.	44		17	12	21		20	12	21	10	20				Shinde
Shitole Tejas E.	45		18	12	15		20	12	21	10	19				Shitole

Sign. of Subject Teacher:

B.G. Shetkar

B.G. Shetkar

T.R. Konde

T.R. Konde







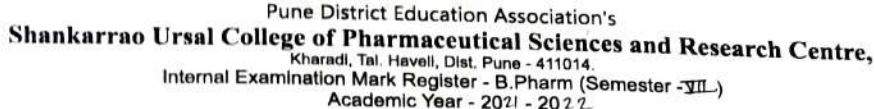
Name of Student	Roll No.	Exam. Seat No.	Subject												Sign of Student		
			Instrumental Methods of Analysis		Industrial Pharmacy-II		Pharmacy Practice		Novel Drug Delivery System		Practice School		-	-			
			Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Theory			
Anisam Chaitanya D.	1		18	09	19		21		21								Cyber
Awhale Harshada S.	2		18	09	17		22		21								Lishwade
Bansode Rahul N.	3		17	09	16		17		20								Rahul
Baredo Neha A.	4		13	10	19		22		20								Neha
Bhasat Preeti S.	5		20	09	18		22		18								Preeti
Bhanje Akshay J.	6		21	09	22		21		20								Bhanje
Biegad Sachin B.	7		16	08	19		23		18								Sachin
Chaudhari Mukesh S.	8		19	11	22		22		22								Mukesh
Chaudhari Karam V.	9		17	11	21		20		22								Karam
Chavan Pratik P.	10		17	07	17		20		13								Pratik
Dandekar Anusudhar S.	11		17	11	23		22		21								Anusudhar
Dhumal Rutuja R.	12		20	11	22		22		21								Rutuja
Dikikar Shubham R.	13		17	09	18		17		17								Shubham
Ekalade Onyane A.	14		16	09	21		22		19								Onyane
Gardil Nilesh B.	15		16	10	20		22		19								Nilesh
Gavde Shweta B.	16		18	08	18		21		16								Shweta
Gote Girna Datta	17		18	06	18		22		16								Girna
Hajare Tanaji R.	18		20	09	21		22		19								Tanaji
Hingorji Pratik T.	19		13	07	21		20		20								Pratik
Jaisankar Manoj V.	20		19	12	20		20		18								Manoj
Jaisankar Parvati S.	21		19	11	20		21		21								Parvati
Jeyakop Darashra B.	22		23	12	24		22		22								Darashra
Jogtap Dhiaj D.	23		18	11	21		22		21								Dhiaj
Jogtap Rutuja S.	24		18	11	20		20		21								Rutuja
Kadamale Abhishek V.	25		18	10	18		20		18								Abhishek
Kalkade Pratik M.	26		17	07	18		20		16								Pratik
Kalkade Suchiter P.	27		22	11	21		23		21								Suchiter
Kamble Vijay S.	28		13	10	19		21		18								Vijay
Khande Uttaraksha B.	29		19	11	22		23		21								Uttaraksha
Kodkar Rutuja K.	30		18	11	22		22		22								Rutuja
Krishnan Sachal V.	31		17	13	21		23		21								Sachal
Kumar Ashutosh	32		18	11	19		20		21								Ashutosh
Kumbhar Vishwanath	33		22	11	18		22		18								Vishwanath
Kumbhar Varsha S.	34		19	12	21		24		20								Varsha
Kulkarni Chandan S.	35		13	07	13		17		13								Chandan
Kumbhar Madhuri S.	36		13	09	18		22		18								Madhuri
Kulkarni Siddhesh S.	37		18	11	17		21		17								Siddhesh
Kunte Omkar Lohar	38		18	09	18		22		16								Omkar
Kurule Prafulla R.	39		22	11	22		21		18								Prafulla
Kurule Kisan S.	40		19	11	20		21		21								Kisan
Nikhade Kishan R.	41		17	09	19		22		19								Kishan
Nimbalkar Tejpal M.	42		18	12	19		21		22								Tejpal
Papad Raj D.	43		17	10	19		22		18								Raj
Pardeshi Anand S.	44		18	07	21		22		19								Anand
Pawar Prashant B.	45		15	09	19		21		18								Prashant
Raut Pratiksha G.	46		18	10	21		24		21								Pratiksha

Sign. of Subject Teacher :

Principal

2228





Practical : 15

000012



**Pune District Education Association's  
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Research Centre, Kharadi, Pune-14.**

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**SPECIMEN COPY OF INTERNAL EXAMINATION MARK REGISTER FOR M.PHARMACY  
(A.Y. 2021-22)**





Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences and Research Centre,**

Kharadi, Tal. Havell, Dist. Pune - 411014.

Internal Examination Mark Register - B.Pharm (Semester - II )

Academic Year - 2024 - 2025 -

000 ✓

Maximum Marks: 100

## Theory of $\mathcal{A}$

Practical Application:  $\sigma_{\text{max}}$

2009/10/16

[illegible]

Sign. of Subject Teacher :





Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences &  
Research Centre, Kharadi, Pune-14.**

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**REVIEW ON RESULT ANALYSIS**



# UG PG Faculty Meeting

9/07/2022  
Saturday  
2.30 pm

The Conclusion Meeting for A.Y. 2021-22 of all faculty of B.Pharm & M.Pharm was called on 9/7/2022 at 2.30 pm in board room for the discussion of following agenda.

1. To take review of minutes and action taken report of previous academic meeting
2. To take review of submission of academic records for the A.Y. 2021-22
3. To take review of submission of examination records for the A.Y. 2021-22
4. To discuss about admission process for A.Y. 2022-23.
5. To discuss about responsibilities to be allotted for the A.Y. 2022-23.
6. Any matter with the permission of Chairmen.

Dr. Ashok Bhosale, Principal welcomed all faculty members in the beginning of the meeting.

Thereafter, the meeting started with the following agenda.

1. To take review of minutes and action taken report of previous academic meeting.

Dr. Vijaya Borge, Professor thoroughly discussed the minutes of the meeting held on 2.06.2022. The same were confirmed. Also, she presented action taken report of the same meeting held on 2.06.2022 by highlighting on the following points.

1. The syllabus of F.Y. B.Pharm & F.Y. M.Pharm classes for all subjects was found to be completed by all faculty members teaching the subjects to the respective classes.



2. Second Sessional Practical Exam of P.Y. B.Pharm & P.Y. M.Pharm, Second sessional theory exam of P.Y. B.Ph. & P.Y. M.Pharm & SPPU Practical Exam April/May 2022 P.Y. B.Pharm & P.Y. M.Pharm were completed as per the schedule discussed in the previous meeting held on 2.06.2022. SPPU Theory Exam April/May 2022 of P.Y. B.Pharm was <sup>in</sup> process as per the schedule <sup>discussed</sup> in the previous meeting held on 2.06.2022 and will be ended on 22.07.2022.

The same action taken report was approved.

2. To take review of submission of Academic Records for AY 2021-22. Mr. V.S. Veer, Academic Incharge gave review of academic records submitted by faculty for A.Y. 2021-22. He informed that academic records such as Teaching Plans, Theory Attendance sheets, Execution Record, practical journals, manuals and performance appraisal were submitted by most of the faculty. The remaining faculty failed to submit the Academic Records were asked to submit the same on or before 13.7.22. Practical journals (03) each from batch should be submitted by 15.7.2022. Manuals (02) one for faculty & one for library should be submitted by 12.7.2022. Books should be returned to the library on or before 12.7.2022.

3. To take review of submission of examination records for the AY 2021-22. Mr. V.B. Ingale, Examination Incharge gave review of examination records submitted by faculty.



for A.Y. 2021-22. He informed that all records such as Sessional & Internal assessment paper bundles, entry of marks in mother register, marks on SPPU webportal, SPPU University practical exam papers & documents, University Exam joint claim, thesis (M.Pharm), mark list-Internal, project work report & evaluation sheets were submitted by faculty. Project Work (Final V.BPh) Coordinator, Dr R.Y. Patel should submit the evaluation sheets to Exam Dept. Also, it was informed in the meeting that paper-checking process is going on for CAP-2022 approved by SPPU to all our Institute. [Central Assessment Program - 2022 - Final. V.BPhem 2019 P.]

4<sup>th</sup> To discuss about admission process for A.Y. 2022-23

Dr. A.J. Keshave, Admission Officer presented details of admission process with respect to printing of admission forms & admission brochure that is in process & pamphlets which are printed. Also it was informed that collection of students data of non PDPA colleges is complete. Mrs. V.S. Vee, Mrs. T.R. Kande, Mrs. S.S. Sonawane were congratulated for submission of students data for admission process 2022 by taking sincere efforts. Dr. Ashok Bhosale, Principal advised to admission committee to take all necessary measures with great coordination for 100% admission for Academic Year 2022-23.



6. Any matter with the permission of Chairman.

6.1. Physical stock verification for AY 2021-22  
Mr P. H. Khade, Coordinator presented report of physical stock verification report done by faculty for different physical stock verification.

The faculty failed to submit the report by 7.06.2022 should submit the report on or before 15.07.2022

6.2 To take review of Graduate voter registration for SPPU online Registration.

Mr. P. H. Khade, Co-ordinator informed that in total 182 registrations have been completed by all the staff for SPPU online registration.

6.3. To discuss about expected result of all classes of B.Ph & M.Ph for April/May 2022 SPPU exam for A.Y 2021-22

**Term II- Subject wise Expected Result April/May 2022 SPPU Exam  
(Academic Year- 2021-2022)**

Class	Name of Subject	Name of Faculty	% Result Expected
F.Y. B. Pharm. (Sem.-II)	Human Anatomy and Physiology II	K.G. Kanase	100%
	Pharmaceutical Organic Chemistry I	V. S. Veer	90%
	Biochemistry	Dr. A.J. Kasbe	90%
	Pathophysiology	N. S. Neharkar	95%

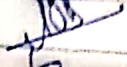

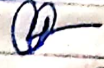

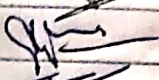
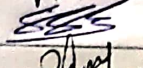
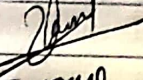
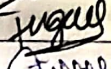
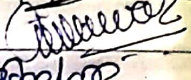
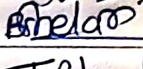
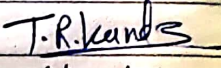
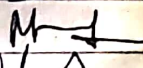
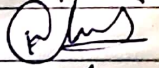



<b>S.Y. B. Pharm (Sem.-IV)</b>	Pharmaceutical Organic Chemistry III	T.R. Kande	95%
	Medicinal Chemistry I	K. R. Ghule	95%
	Pharmacology I	V. B. Ingale	100%
	Physical Pharmaceutics-II	P. H. Khade	100%
	Pharmacognosy and Phytochemistry I	V. V. Dhasade	100%
	Computer Applications in Pharmacy	M. B. Gadekar	100%
<b>T.Y. B. Pharm (Sem.-VI)</b>	Medicinal Chemistry III	Dr. A.J. Kasbe & K. R. Ghule	90%
	Pharmacology III	V. B. Ingale	95%
	Herbal Drug Technology	Dr. R. Y. Patil	100%
	Biopharmaceutics and Pharmacokinetics	B. G. Shelar	100%
	Pharmaceutical Biotechnology	N. S. Neharkar	100%
	Quality Assurance	T.R. Kande	100%
<b>Final Year B. Pharm (Sem.-VIII)</b>	Biostatistics and Research Methodology	Dr. V. U. Barge & Dr. R. Y. Patil	100%
	Social and Preventive Pharmacy	B. G. Shelar	100%
	Pharmacovigilance	K.G. Kanase	100%
	Cosmetic Science	N. M. Sayyad	100%
<b>F. Y. M. Pharm. (Sem.-II) Pharmaceutics</b>	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	T.P. Shangrapawar	100%
	Advanced Biopharmaceutics & Pharmacokinetics	N. M. Sayyad	100%
	Computer Aided Drug Development	P. H. Khade	100%
	Cosmetic & Cosmeceuticals	S.S. Kakade	100%
<b>F. Y. M. Pharm. (Sem.-II) Pharmaceutical Quality Assurance</b>	Hazards and Safety Management	V. S. Veer	100%
	Pharmaceutical Validation	T.R. Kande	100%
	Audits and Regulatory Compliance	Dr. A.J. Kasbe	100%
	Pharmaceutical Manufacturing Technology	Dr. V. U. Barge	100%


*V.V. Dhasade.*



The meeting was called to an end with the vote of thanks by Prof. Vis. V. The following faculty members attended the meeting

1. Dr. Ashok Bhosale - 
2. Dr. Vijaya Bargo - 
3. Dr. A. J. Kosabe - 
4. Mr. V. S. Veer - 
5. Mr. K. G. Kanase - 
6. Mr. S. S. Kokade - 
7. Mr. P. H. Khode - 
8. Mr. V. B. Ingale - 
9. Mrs. T. P. Shargrapawar - 
10. Mr. B. G. Shelar - 
11. Mr. T. R. Konde - 
12. Mr. N. M. Sayyed - 
13. Mr. K. R. Ghule - 
14. Mr. N. S. Ncherkar - 



  
**PRINCIPAL**  
Pune District Education Association's  
Shankarrao Urs College of Pharmaceutical  
Sciences & Research Centre,  
Kharadi, Pune-411014.



Pune District Education Association's  
**Shankarrao Ursal College of Pharmaceutical Sciences and  
Research Centre, Kharadi, Pune- 14**



**SAVITRIBAI PHULE PUNE UNIVERSITY EXAM.**

**Apr/May- 2022**

**Result Analysis**

**First Year B. Pharmacy (Sem-II, 2019 Pattern)**

1) Overall % of Result	=	100 %
2) Total no student admitted:		66
3) No. of student appeared:		64
4) No. of student passed:		64
5) No. of student passed with ATKT:		17
6) No. of student failed:		00
7) No. of student passed with SGPA 8 or more than 8		02
8) No. of student passed with SGPA between 7 to 8		29
9) No. of student passed with SGPA between 6 to 7		16

Appeared No. of Students			No. of Students Passed			% Result		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
28	36	64	28	36	64	100	100	100

**Rankers First Three Candidates in Order of Merit**

Sr.No.	Name of Student	SGPA
1.	Survase Rutuja Vasant	8.138
2.	Chaugule Akanksha Bharat	8.000
3.	Tade Mrunali Babu	7.966
3.	Kshirsagar Aishwarya Kishor	7.966

**Subject wise analysis**

Sr. No.	Name of Subject (TH)	% Pass
1	Human Anatomy & Physiology-II	85.93
2	Pharmaceutical Organic Chemistry-I	87.50
3	Biochemistry	79.68
4	Pathophysiology	95.31
5	Computer Applications in Pharmacy	100
6	Environmental Sciences	100

(Mr. Sujit Kakade)

**Exam Incharge**

**P.D.E.A'S**

**Shankarrao Ursal College of Pharmaceutical  
Sciences & Research Centre  
Kharadi, Pune-411014.**

(Dr. Ashok Bhosale)

**PRINCIPAL**

**P. D. E. A's**

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Kharadi, Pune-411014**





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SAVITRIBAI PHULE PUNE UNIVERSITY EXAM.

Apr/May- 2022

**Result Analysis**

Second Year B. Pharmacy ( Sem-IV, 2019 Pattern)

1) Overall % of Result	=	100 %
2) Total no student admitted:		76
3) No. of student appeared:		76
4) No. of student passed:		76
5) No. of student passed with ATKT:		12
6) No. of student failed:		00
7) No. of student passed with SGPA 8 or more than 8		06
8) No. of student passed with SGPA between 7 to 8		36
9) No. of student passed with SGPA between 6 to 7		22

Appeared No. of Students			No. of Students Passed			% Result		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
37	39	76	37	39	76	100	100	100

**Rankers First Three Candidates in Order of Merit**

Sr.No.	Name of Student	SGPA
1.	Bavdhane Nilam Harishchandra	8.500
2.	Holkar Nikita Rajaram	8.214
2.	Thokal Sakshi Baskar	8.214
3.	Rathod Bharat Babulal	8.143
3.	Sawant Aarti Ramdas	8.143

**Subject wise analysis**

Sr.No.	Name of Subject (TH)	%Pass
1	Pharmaceutical Organic Chemistry III	89.47%
2	Medicinal Chemistry I	97.36%
3	Physical Pharmaceutics II	93.42%
4	Pharmacology I	86.84%
5	Pharmacognosy & Phytochemistry-I	96.05%

*(Signature)*

(Mr. Sujit Kakade)  
**Exam Incharge**  
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*(Signature)*

(Dr. Ashok Bhosale)  
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Apr/May- 2022

**Result Analysis**

Third Year B. Pharmacy (Sem-VI, 2019 Pattern)

1) Overall % of Result	=	100 %
2) Total no student admitted:		69
3) No. of student appeared:		69
4) No. of student passed:		69
5) No. of student passed with ATKT:		09
6) No. of student failed:		00
7) No. of student passed with SGPA 8 or more than 8		01
8) No. of student passed with SGPA between 7 to 8		31
9) No. of student passed with SGPA between 6 to 7		29

Appeared No. of Students			No. of Students Passed			% Result		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
26	43	69	26	43	69	100	100	100

**Rankers First Three Candidates in Order of Merit**

Sr.No.	Name of Student	SGPA
1.	Bhamare Mansi Dipak	8.067
2.	Bhapsekar Nikhil Deepak	7.867
3.	Sagar Deepali Rajendra	7.800

**Subject wise analysis**

Sr. No.	Name of Subject (TH)	% Pass
1	Medicinal Chemistry III	94.20 %
2	Pharmacology III	97.10 %
3	Herbal Drug Technology	94.20 %
4	Biopharmaceutics and Pharmacokinetics	86.95 %
5	Pharmaceutical Biotechnology	94.20 %
6	Quality Assurance	94.20 %

(Mr. Sujit Kakade)  
Exam Incharge  
P.D.E.A'S

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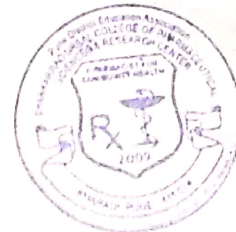
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SAVITRIBAI PHULE PUNE UNIVERSITY EXAM.

Apr/May- 2022

**Result Analysis**

Final Year B. Pharmacy (2018 Pattern)

1) Overall % of Result:	100 %
2) Total no student admitted:	68
3) No. of student appeared:	68
4) No. of student passed:	68
5) No. of student passed with ATKT:	00
6) No. of student failed:	00
7) No. of student passed with CGPA 8 or more than 8:	12
8) No. of student passed with CGPA between 7 to 8 :	54
9) No. of student passed with CGPA between 6 to 7 :	02

Appeared No. of Students			No. of Students Passed			% Result		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
32	36	68	32	36	68	100	100	100

**Rankers First Three Candidates in Order of Merit**

Sr. No.	Name of Student	CGPA
1.	Khade Utkarsha Balasaheb	8.429
2.	Kshirsagar Snehal Vishnu	8.410
3.	Kakade Suchita Prakash	8.354

**Subject Wise Analysis**

Sr. No.	Name of Subject	% Pass
1	Biostatistics and Research Methodology	100 %
2	Social and Preventive Pharmacy	100 %
3	Pharmacovigilance	100 %
4	Cosmetic Science	100 %

(Mr. Sujit Kakade)

**Exam Incharge**  
**P.D.E.A'S**

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Kharadi, Pune-411014.

(Dr. Ashok Bhosale)

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**SAVITRIBAI PHULE PUNE UNIVERSITY EXAM.**

(May-2022)

**Result Analysis**

**First Year M. Pharmacy (II<sup>nd</sup> Semester)**

**Overall Percentage of result - 100%**

No. of Students Admitted	30
No. of students appeared	30
No. of students Passed	30
No. of students SGPA between 6 to 7	04
No. of students SGPA between 7 to 8	25
No. of students SGPA 8 or more than 8	01
No. of students Failed	00

Appeared No. of Students			No. of Students Passed			% Result		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
09	21	30	09	21	30	100	100	100

**First Three Candidates in Order of Merit**

Rank No.	Name of Student	SGPA
1.	Bhondve Riya Rahul	8.540
2.	Thorat Tanvi Vivek	7.850
3.	Kendre Komal Anand	7.770

**Subject wise analysis:**

Sr. No.	Name of Subject (TH)	%Pass
1	Molecular Pharmaceutics (Nanotech & Targeted DDS)	100 %
2	Advanced Biopharmaceutics and Pharmacokinetics	100 %
3	Computer Aided Drug Development	100 %
4	Cosmetic and Cosmeceuticals	100 %
5	Hazards and Safety Management	100 %
6	Pharmaceutical Validation	100 %
7	Audits and Regulatory Compliance	100 %
8	Pharmaceutical Manufacturing Technology	100 %

(Mr. Sujit Kakade)  
Exam Incharge  
P.D.E.A's

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**SAVITRIBAI PHULE PUNE UNIVERSITY EXAM.**

(May-2022)

**Result Analysis**

**Second Year M. Pharmacy**

**Overall Percentage of Result - 100%**

No. of Students Admitted	30
No. of students appeared	30
No. of students Passed	30
No. of students CGPA between 6 to 7	00
No. of students CGPA between 7 to 8	05
No. of students CGPA 8 or more than 8	25
No. of students Failed	00

Appeared No. of Students			No. of Students Passed			% Result		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
14	16	30	14	16	30	100	100	100

**First Three Candidates in Order of Merit**

Rank No.	Name of Student	CGPA
1.	Suryawanshi Parijat Sunil	8.660
2.	Sakpal Bhavana Ramesh	8.610
3.	Karkhile Shubhangi Nandu	8.580

**Subject wise analysis:**

Sr. No.	Name of Subject	% Pass
1	Journal Club	100
2	Research Work	100
3	Discussion/Final Presentation	100

(Mr. Sujit Kakade)  
**Exam Incharge**  
**P.D.E.A'S**

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(Dr. Ashok Bhosale)  
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