

6.5.2

**The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities
2023-24**

VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai - 400 074

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

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VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai- 400074

LESSON PLAN

Name of the Teacher: Dr. Rajan Kalamkar

Class: TY B. Pharm. A Div.

Subject: Biopharmaceutics & Pharmacokinetics

Academic Year: 2023-24

Month: December 2023

Total Number of Turns: 02

Lecture (Sr.No.)	Topics	Tools (PPT/ Video/ Model etc.)	Additional References	Lesson Outcome	Actually covered (To be filled in by students)
1	Definition and introduction of pharmacokinetics	PPT, Chalk & Board	1. Applied biopharmaceutics and pharmacokinetics, Leon Shargel and Andrew B.C.YU 4th edition, Prentice-Hall International edition. USA	Understand the Concept of Pharmacokinetics	Completed
2	Rate of reaction, Order of reaction, rate constants	PPT, Chalk & Board	2. Bio pharmaceutics and Pharmacokinetics-A Treatise, By D. M. Brahmankar and Sunil B. Jaiswal, Vallabh Prakashan Pitampura, Delhi 3. Pharmacokinetics by Sunil Jambhekar and Philip Breen	Understand the equation for Rate of reaction, Order of reaction, rate constants	Completed

Subject Teacher	Class Coordinator	Student name and Signature	Principal
		1. Yajiya Mohammed Sulaiman Jafayat 2.	



VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai- 400074

LESSON PLAN

Name of the Teacher: Dr. Rajan Kalamkar

Class: TY B. Pharm. A Div.

Subject: Biopharmaceutics & Pharmacokinetics

Academic Year: 2023-24

Month: January 2024

Total Number of Turns: 07

Lecture (Sr.No.)	Topics	Tools (PPT/ Video/ Model etc.)	Additional References	Lesson Outcome	Actually covered (To be filled in by students)
3	Pharmacokinetic models	PPT, Chalk & Board		Understand different pharmacokinetic models	Completed
4	Non-compartment models, physiological models	PPT, Chalk & Board		Understand different pharmacokinetic models	Completed
5, 6	One compartment open model. IV bolus administration	PPT, Chalk & Board		Understand the concept of One compartment open model. IV bolus administration	Completed
7	One compartment open model. IV Infusion administration	PPT, Chalk & Board		Understand the concept of One compartment open model. IV infusion administration	Completed
8, 9	One compartment open model. EV administration	PPT, Chalk & Board		Understand the concept of One compartment open model extravascular administration	Completed

Subject Teacher	Class Coordinator	Student name and Signature	Principal
		1. 2.	



VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai- 400074

LESSON PLAN

Name of the Teacher: Dr. Rajan Kalamkar

Class: TY B. Pharm. A Div.

Subject: Biopharmaceutics & Pharmacokinetics

Academic Year: 2023-24

Month: February 2024

Total Number of Turns: 07

Lecture (Sr.No.)	Topics	Tools (PPT/ Video/ Model etc.)	Additional References	Lesson Outcome	Actually covered (To be filled in by students)
10, 11	Calculation of Pharmacokinetic parameters	PPT, Chalk & Board		Understand numerical to calculate pharmacokinetic parameters	Completed
12, 13	Two compartment open model. IV bolus administration	PPT, Chalk & Board		Understand the concept of two compartment open model. IV bolus administration	Completed
14	Numerical on multi compartment model	PPT, Chalk & Board		Understand numerical based on multi compartment model	Completed
15,16	Multiple dosing for one compartment IV bolus dosing. Steady state concentration	PPT, Chalk & Board		Understand the concept of Multiple dosing for one compartment IV bolus dosing	Completed

Subject Teacher	Class Coordinator	Student name and Signature	Principal
		1. Yajiya Sulaiman 2. Yajiya	

VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai- 400074



LESSON PLAN

Name of the Teacher: Dr. Rajan Kalamkar

Class: TY B. Pharm. A Div.
Academic Year: 2023-24

Month: March 2024

Subject: Biopharmaceutics & Pharmacokinetics

Total Number of Turns: 05

Lecture (Sr.No.)	Topics	Tools (PPT/ Video/ Model etc.)	Additional References	Lesson Outcome	Actually covered (To be filled in by students)
17	Calculation of loading and maintenance dose for one compartment IV infusion	PPT, Chalk & Board		Understand the concept of Calculation of loading and maintenance dose for one compartment IV infusion	Completed
18	Introduction to nonlinear pharmacokinetics, factors affecting non linearity	PPT, Chalk & Board		Understand the concept of nonlinear pharmacokinetics	Completed
19	Factors causing Non-linearity	PPT, Chalk & Board		Understand the factors causing non linearity	Completed
20	Michaelis-menton method of estimating parameters	PPT, Chalk & Board		Understand the Michaelis-menton equation	Completed
21	Michaelis-menton method of estimating parameters	PPT, Chalk & Board		Understand the Michaelis-menton equation	Completed

Subject Teacher	Class Coordinator	Student name and Signature	Principal
		1. 2.	

VES COLLEGE OF PHARMACY

Vani Memorial Complex, Behind Collector Colony, Chennai

LESSON PLAN

Name of the Teacher: Dr. Rajan Kalamkar


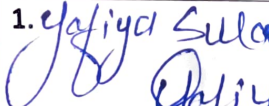

B Div.

Subject: Biopharmaceutics

Month: April 2024

Total Number of Lectures: _____

Topics	Tools (PPT/ Video/ Model etc.)	Additional References	
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	PPT, Chalk & Board		

Class Coordinator	Student name and Signature
	1.  2. 



VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai- 400074

LESSON PLAN

Name of the Teacher: Dr. Rajan Kalamkar

Class: TY B. Pharm. B Div.

Subject: Biopharmaceutics & Pharmacokinetics

Academic Year: 2023-24

Month: April 2024

Total Number of Turns: 02

Lecture (Sr.No.)	Topics	Tools (PPT/ Video/ Model etc.)	Additional References	Lesson Outcome	Actually covered (To be filled in by students)
22	Methods for accessing bioavailability, Biowaivers	PPT, Chalk & Board		Understand the concept of methods for accessing bioavailability and Biowaivers	Completed
23	Revision	PPT, Chalk & Board		Evaluation of all chapters	Completed

Subject Teacher	Class Coordinator	Student name and Signature	Principal
		1. Jafiya Sulaiman 2.	

VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai - 400 074.

MINUTES OF PROGRAM COMMITTEE MEETING 05/10/2023

1. Meeting Data

Type:	Teaching staff	Category/ Frequency:	Monthly
Meeting Date:	05/10/2023	Scheduled Time:	3 PM
Location:	Board room		
Minutes:	Dr. Rajan Kalamkar	Minutes issued on:	07/10/2023

2. Participants

SN	Name	Legend
1.	Dr. Supriya Shidhaye	SSS
2.	Dr Rajashree Hirlekar	RSH
3	Dr Mushtaque Sheikh	MS
4	Dr Anita Ayre	AA
5	Dr. Ganga Srinivasan	GS
6	Mr Keyur Shastri	KS
7	Dr. Rajan Kalamkar	RK
8	Mr Ojas Agarwal	HK
9	Mr Pratik Barve	PB
10	Mrs Reshma Pore	RP
11	Mrs Mamta Venna	MV
12	Dr Neha Chhabra	NC
13	Dr. Vaishali Jadhav	VJ
14	Dr. Divya Menon	MV
15	B Pharm LY CR (Chirag Gambhir)	
16	B Pharm LY CR (Divyesh)	
17	B. PHARM T.Y CR (Yafiya Sulaiman)	
18	B. PHARM T.Y CR (Gaurav)	
19	B. PHARM S.Y CR (Brayden Dsouza)	
20	B. PHARM S.Y CR (Daksh Gupta)	
21	M Pharm FY Pharmaceuticse CR	
22	M Pharm FY Quality Assurance CR	
23	M Pharm FY Pharmaceutical Chemistry CR	
	Total	23

S. N	Description	Primary Owner	Due Date	ATR
1	Timetable of FRPP and FSTE for SY M. Pharm. SEM III to be released and to be scheduled before diwali vacation.	NR	asap	FRPP 20-21st Oct 2023 FSTE S Y M Pharm 3rd November 2023, SSTE S Y M Pharm 4 th Dec 2023, ESE S Y M Pharm 4th Jan 2023
2	Review of syllabus coverage for all the subjects of SY, TY and LY was done. a. SY Teachers of all the subjects to conduct extra lectures to expedite the syllabus.	Course coordinators, Module coordinator and HODs	asap	The point was discussed in the Departmental meeting. Further meeting with concerned course coordinators with both CRs was conducted, review of updated status (corrected by CRs and is better) was taken and teachers were told to conduct the extra lectures. Mail sent to PC regarding the same.
2	FY B. Pharm. and FY M. Pharm teachers have to conduct at least four lectures during diwali vacation between 20th to 25 th of November.	FY Course coordinators	25th November	Done
3	Remedial math lectures for FY B. Pharm. to be arranged daily between 20 th to 25 th of November	FY Class coordinators	-	Done
4	TY Cut off date will be extended to 23rd October 2023	TY Class coordinator	-	Done
5	FY B. Pharm. and FY M. Pharm. teachers to submit lesson plans at the earliest.	FY Course coordinators	asap	Done
6	Parent teacher meet to be scheduled on 14th of October for SY, TY and LY	SY, TY and LY Class coordinator	-	Done

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Minutes compiled by
Dr. Rajan Kalamkar
Assistant Professor

Shidhaye

Approved by
Dr. Supriya Shidhaye
Principal

VES College of Pharmacy
Academic and Administrative Audit
Academic year 2023-24

Auditors:

1. **Dr. Parag Ghide**
Principal, Dr. L. H. Hiranandini College of Pharmacy

2. **Dr. Chhaya Gadgil**
Professor, SVBCP College of Pharmacy

Date: 9/12/2024

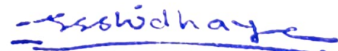
Time: 9 am onwards

Agenda:

1. Introduction of the process by Dr. Rajashree Hirlekar, IQAC Coordinator
2. Welcoming the auditors at the hands of the Principal
3. Presentation by HOD (Pharmaceutics, Pharm Chemistry, Quality assurance)
4. Laboratory round
5. Document Checking administrative department
6. Remarks, observation by auditors



Dr. Rajashree Hirlekar
IQAC Coordinator



Dr. Supriya Shidhaye
Principal and Chairperson IQAC

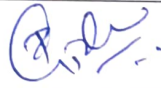
ACADEMIC AND ADMINISTRATIVE AUDIT
ACADEMIC YEAR: 2023-24

Suggestions by Expert Committee Members:

1. Name of Expert member : Parag Gide

Designation : Principal, Dr. L H Hiranandani College of Pharmacy

Sr. No.	Recommendations
1.	Number of publications to be improved.
2.	Ph.D. enrollment may be increased.
3.	Work on international collaboration.

Signature & date: 

2. Name of Expert member : Chhaya Gadgoli.

Designation : Professor, SVBCP College of Pharmacy

Sr. No.	Recommendations
1.	More number of publications in International Journal is recommended.
2.	Ph.D. enrollment can be increased.

Signature & date: 

VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai- 400074

Action Taken Report of Academic and Administrative Audit

Academic Year 2023-24

Sr. No.	Remarks given by the Auditor	Action Taken
1	To motivate faculties for research and development	Faculties mentored the students for participation in Avishkar and CiiA.
2	To strengthen training and placement activities.	Faculty members increased the networking by visiting them that resulted in more placements and industrial connects.
3	To improve quality of publication.	Research Incentivization policy to reward publications in peer reviewed journal was implemented.
4	To upgrade the infrastructure for Research and Innovation	Advanced instruments like Gel Doc Chromatography, Western Blot apparatus were purchased.
5	To upgrade the infrastructure of common facilities.	Administrative office and seminar hall were renovated.
6	To upgrade library facilities	More number of titles were added in the library.

R. Hirlekar

Dr. Rajashree Hirlekar

IQAC Coordinator

S. Shidhaye

Dr. Supriya Shidhaye

Principal and IQAC Chairperson