



DVV Clarification

Metric No.

1.2.1

1. Details of each program such as Name of program duration, list of students enrolled (with signature of students), model certificates, curriculum, assessment procedures year-wise.





Metric No.

1.2.1

Number of Certificate/Value Added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc, (where students of the institution have enrolled and successfully completed during the last five years)



[Signature]



Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Pharmacy

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Basic in Clinical Research and Pharmacovigilance

Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

NAME OF THE COURSE: Basic in Clinical Research and Pharmacovigilance

DATE OF COURSE: 19/12/2022 to 23/12/2022

DURATION: 30 Hrs

TIME: 09AM-3:30PM

Course Objectives:

1. To provide a value addition and current requirement for the students in clinical research and pharmacovigilance.
2. To understand conceptualizing, designing, conducting, managing and reporting of clinical trials.
3. Also, to focus on global scenario of Pharmacovigilance in different methods that can be used to generate safety data.
4. To understand students in developing drug safety data in Pre-clinical, Clinical phases of Drug development and post market surveillance.

Course Outcomes:

1. To explain the regulatory requirements for conducting clinical trial Demonstrate the types of clinical trial designs.
2. To explain the responsibilities of key players involved in clinical trials Execute safety monitoring, reporting and close-out activities.
3. To explain the principles of Pharmacovigilance.
4. To detect new adverse drug reactions and their assessment Perform the adverse drug reaction reporting systems and communication in Pharmacovigilance.

Coordinator



Principal

1





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Pharmacy

Approved by PCI, AICTE (New Delhi), DTE (Government of Maharashtra), and Affiliated to University of Mumbai

list of students enrolled (with signature of students)

Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Near Sawarkar Road, Virar (E),
Taluka: Varsi, Dist. Palghar - 401305, Maharashtra.

Academic Year 2022-23
LIST OF STUDENTS ENROLLED
Basics in Clinical Research and Pharmacovigilance
19/12/2022-23/12/2022
Duration: 30 Hours
FINAL YEAR B.PHARM

Roll No	Full Name of Student	Sign
1	AMBULKAR SUSHANT TUKARAM SUNITA	
2	BAMNE TANVINARAYAN SHRIDHANGE	
3	BARI RITIKA RAJU VARSHA	
4	BHANDARI SIDDHI PRASHANT MEGHANA	
5	BHARATE ANISH JAYAWANT SANDEETA	
6	CHAUGULE OMKAR ANAND ASITWINI	
7	CHAUGULE PURVA DAYANAND DARSHANA	
8	CHAVAN KRUTIKA RAVINDRA CHHAYA	
9	DARJE YASH KHUSHAL VAISHALI	
10	DATAR SWARUPA PRAVIN VAIDHEHI	
11	DILKOTDE MAYURI LAXMAN SANGEETA	
12	GODAMBE PURVA DHUSHAN BHAGYASHRI	
13	GOTAD RAHUL RAMESH RUSHANI	
14	GUPTA SAHIL DHARMENDRA CHANDA	
15	GUPTA VIKASH MANDRESH MADHUBALA	
16	GURAV SIDDHI VINAYAK VRUSHALI	
17	KATHWAR PRAVINLAL LALCHAND	
18	KAMTHE SIDDHI DILIP SHAILA	
19	KASAR RUSHIKESH SHANKANT SEEMA	
20	KATE VAISHNAVI RANIT SHURHANGI	
21	KHAMKAR JYOTIKA AJAY GEETA	
22	KHOT MANDAR UDAY ANITA	
23	KINTI PRANAY HARESHWAR	
24	KITYTARKAR PRATHAMESH BHIKAJI BHAKTI	
25	KUSHWAHA DEEPAK GULABCHAND SHAKUNTALA	
26	KUSHWAHA VAISHNAVI SURENDRA KUMAR SUNITA	
27	LUKHANDE TEJAL NITIN VANDANA	
28	LOTAD RASHMI RAJESH SNEHA	
29	MAHALE MONIKA RAJESH RAJSHREE	
30	MAKAWANA RUCHITA VIJAY BHAVISHIA	
31	MANGI A DIPENDRA ARUN ANITA	
32	MHENDALE VENKATESH PRAMOD VARSHA	
33	MISHRA SASHANK SURESH MALI	
34	MITHAVKAR VAISHNAVI VIKAS VARSHA	
35	MOHITE ROHIT SAMBHAJI SEEMA	
36	MUNDE ALKA ANKUSH KONDARAT	
37	NATAWADE MADHURA MARUTI SANGEETA	
38	NETKAR DHANSHREE ANIL JYOTI	
39	NIRMAL PRANAV RAJESH SAVITA	
40	PACHARE SHIRUTI SANJAY ARUNA	

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VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar - 401305, Maharashtra.

Academic Year 2022-23

LIST OF STUDENTS ENROLLED
Basics in Clinical Research and Pharmacovigilance

19/12/2022-23/12/2022

Duration: 30 Hours

FINAL YEAR B.PHARM

Roll No	Full Name of Student	Sign
41	PAHURKAR SHREYA PRAKASH LAXMI	Shreya
42	PAKHURDE PAURNIMA HARISHCHANDRA HARSHADA	Paikhurde
43	PANDEY ADITYA ANIL KUMAR SANYOGITA	Pandey
44	PARAMBIL ADARSH JAYAKUMAR REHANA	Parambil
45	PATEL AAMIR MUSTAK MUMTAZ	Patel
46	PATEL JANHAVI NANDKISHOR PRAVINA	Patel
47	PATIL MAITRI VILAS VISHAKHA	Patil
48	PATIL MUKTI ARVIND VANDANA	Patil
49	PATIL VED MADHUKAR MANGALA	Patil
50	PATWA SHALINI PANNALAL SANGEETA	Patwa
51	PATWARDHAN NEHAR SHYAM SANJANA	Patwardhan
52	PAWAR JYOTI RAJARAM LAXMI	Pawar
53	PRAJAPATI HIMAT BIJENDRA ANITABEN	Prajapati
54	RANE SHREYAS RAJESH RACHNA	Rane
55	RATHOD NANDINI NAGRAJ USHA	Rathod
56	RAUT NIMISHA KUMAR DARSHANA	Raut
57	RAVAL MASOOM BHAVESH ARCHANA	Raval
58	RAVATE VINOD SAKHARAM INDU	Ravate
59	RAWAT AMIT CHANDRAMOHAN ANITA	Rawat
60	SAHA ANKITA DAMALESWAR MOUMITA	Saha
61	SANAP MADHURI SANJAY KUSUM	Sanap
62	SANKHE PRAJYOTI SANJAY SALONI	Sankhe
63	SAWANT SHREYA RAMESH REENA	Sawant
64	SHELKE AKASH BALU	Shelke
65	SHETTY SVIKRUT SATISH VIDYA	Shetty
66	SINGH KUNAL ARUN SAVITRI	Singh
67	SISODIA ATHARVA RATAN APARNA	Sisodia
68	SOLANKI PRATIKSINH RAJENDRASINH	Solanki
69	SURVE NEHA VINOD VRUSHALI	Surve
70	TATE PRATIK SHIVAJI VANDANA	Tate
71	THANKE ANIKET VIJAY SANGEETA	Thanke
72	TIRKHA ESHA RAJU ASMITA	Tirkha
73	TIWARI EKTA JITENDRA RATAN	Tiwari
74	UPADHYAY RISHIKA VIJAY NEELAM	Upadhyay
75	UPADHYAY SHIVAM ARVIND INDU	Upadhyay
76	VAREKAR SUSHANT SUDHAKAR PRATIBHA	Varekar
77	VICHARE SHUBHAM KISHOR KRUPALI	Vichare
78	WADKAR HARSHADA SUBHASH SUBHADA	Wadkar
79	YADAV PRIYA BHARAT MANJU	Yadav
80	YADAV SUSHANT MANILAL KAUSHILYA	Yadav
81	YADAV VIKAS OMPRAKASH INDUDEVI	Yadav

Coordinator

Principal





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Academic Year 2022-23
LIST OF STUDENTS ENROLLED
Basics in Clinical Research and Pharmacovigilance
19/12/2022-23/12/2022
Duration: 30 Hours

THIRD YEAR B.PHARM

Roll No	Full Name of Student	Sign
1	AGHAV PAWAN VISHNU SHOBHA	AB
2	ANSARI AMEERHAMZA IRSHAD AMINA	Ansari
3	BAIT JAGRUTI SAKHARAM SUNITA	Bait
4	BANDRE ASHISH VINOD VANITA	Bandre
5	BARNAL AKASH RAJESH KIRAN	Barnal
6	BHAVE RAJ RAJENDRA SONALI	Bhave
7	BHOIR ESHA NITIN NEETA	Bhoir
8	BHOIR MANJIRI HARESHWAR SANJIVANI	Bhoir
9	BHOIR MRUNAYEE KASHINATH KANCHAN	Bhoir
10	CHOWKEKAR SHRADDHA CHANDRAKANT	Chowkekar
11	DEVALE MANALI KRISHNA NIRMALA	Devale
12	DHAMAL ASHWIN DILIP KALPANA	Dhamal
13	DIWEKAR PRACHITI ROHIDAS LAXMI	Diwekar
14	DIXIT BHAKTI RAJEEV PRATIBHA	Dixit
15	GALANDE KSHITIJ ANIL KRANTI	Galande
16	JADHAV OMKAR MANGAL ANITA	Jadhav
17	JAIN LAXMI VINOD PRITI	Jain
18	JAMADAR MOHAMMAD SHADAB ABDUL SHAKIL FEHMIDA	Jamadar
19	JIKAMDE ADITI SHAILESH SHRADDHA	Jikamde
20	KAVE NIKITA NITIN GEETA	Kave
21	KHAN MOHAMMAD ISMAIL MAZIBUR RAHMAN	Khan
22	KORE ROHINI VIJAYKUMAR CHHAYA	Kore
23	KORI URVESH LALBAHADUR REKHA	Kori
24	KUMBHAR ANUSHKA MAHESH DIPALI	Kumbhar
25	KUMBHAR GAYATRI SHARAD SANGITA	Kumbhar
26	KURMI MANISH VINOD KIRAN	Kurmi
27	MAHADIK MANALI DATTARAM SHWETA	Mahadik
28	MANKAR BHAVISHA HARESHKUMAR PRITI	Mankar
29	MHATRE SAYALI SANTOSH DIPALI	Mhatre
30	MISHRA RIDDHI RAMAKANT SUNITA	Mishra
31	MISHRA SHIVANSHU BIRENDRA SUDHA	Mishra
32	MISTRY YASH KISHOR BHARTI	Mistry
33	MORYA SUJIT DHARMENDRAKUMAR	Morya
34	NANAVARE YASHIKA ANIL POOJA	Nanavare
35	PANCHAL JAY RAKESHBHAI HARSHIDABEN	Panchal
36	PANDEY SHUBH ASHISHKUMAR SUDHA	Pandey
37	PARAB YOGESH SANTOSH SRUSHTI	Parab
38	PARMAR LAVISH NARESH DAMAYANTI	Parmar
39	PATEL JANAVIE RAKESHBHAI PRITIBEN	Patel
40	PATIL CHINMAYEE NARENDRA APARNA	Patil

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Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar - 401305, Maharashtra.
Academic Year 2022-23
LIST OF STUDENTS ENROLLED
Basics in Clinical Research and Pharmacovigilance
19/12/2022-23/12/2022
Duration: 30 Hours

THIRD YEAR B.PHARM

Roll No	Full Name of Student	Sign
41	PATIL MANASVI RAKESH MEENA	
42	PAWAR DHANASHREE SANTOSH SEJAL	
43	PAWAR OM MANGESH SUNANDA	
44	PAWAR POORNIMA AJIT AMITA	
45	PIMPODKAR JESAL VIJAY SUNITA	
46	PUJARI NEHA PUSHKAR PUSHPA	
47	RAKVI PIYUSHA GAJENDRA VAISHALI	
48	SANKHE SIDDHIKESH MAHESH MANASI	
49	SAWANT SHRADDHA HANUMANT USHA	
50	SHAH DHWANI HITESH SEEMA	
51	SHAH JAINAM MAHENDRA SUDHA	
52	SHAIKH TAIBA FIROJ ANISHA	
53	SHINDE KOMAL SUNIL SAKSHI	
54	SHINDE PRADNYA UDAY ULKA	
55	SHITKAR MANAV MAHESH VANDANA	
56	SHUKLA NIKITA SURENDRA ANJU	
57	SINGH VINAYAK ANILKUMAR MANJU	
58	SOLMINDE GAYATRI SHIVAJI VENKETRAO	
59	SURYAVANSHI KOMAL JAIVANT SUMAN	
60	TAMBE TANUSHREE DEEPAK ANJALI	
61	THATIPAMULA SOUMYA RAMESH APARNA	
62	VENGURLEKAR DIVYAL MANGESH	
63	YADAV ROHIT SUBHASH MANJU	
64	DIXIT DIKSHA RAMCHANDRA KIRTI	
65	AREKAR MAYURESH MANGESH MANSI	
66	BETHU POOJA GANESH UMA	
67	BODKE SAKSHI MADHUKAR SHUBHANGI	
68	CHALKE RITIKA RAJENDRA ROSHNI	
69	DANDU RUCHITA SANJEEV TULSIBAI	
70	PATIL ANKITA SURESH SUJATA	
71	PATIL RUTUJA KISHOR VRUSHALI	
72	RAJPUT AYUSH RAMESHSINGH RUPALI	
73	SAHU ANAMIKA BASANTLAL VANDANA	
74	SINGH KOMAL ABHAYRAJ REENA	
75	SINGH SAKSHI RAJESH MEENA	
76	THAKOR KEYURSINH HEMANTSINH VIDYA	

Coordinator



Principal

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Model Certificate





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Curriculum

Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Schedule

Sr. No	Day & Date	Topic Covered	Speaker
1	19 th December 2022	Regulatory Perspectives of Clinical Trials: Origin and Principles of International Conference on Harmonization - Good Clinical Practice (ICH-GCP) guidelines Ethical Committee: Institutional Review Board.	Dr. Sunita Ogale
2	20 th December 2022	Clinical Trials: Types and Design Experimental Study- RCT and Non RCT, Clinical Trial Study Team Roles and responsibilities of Clinical Trial Personnel: Investigator, Study Coordinator, Sponsor, Contract Research Organization and its management	Prof. Aakash Makwana
3	21 st December 2022	Clinical Trial Documentation- Guidelines to the preparation of documents, Preparation of protocol, Investigator Brochure, Case Report Forms, Clinical Study Report Clinical Trial Monitoring.	Prof. Amol More
4	22 nd December 2022	Basic aspects, terminologies and establishment of pharmacovigilance History and progress of pharmacovigilance, Significance of safety monitoring, Pharmacovigilance in India. WHO and Regulatory terminologies of ADR.	Prof. Amol More
5	23 rd December 2022	Methods, ADR reporting and tools used in Pharmacovigilance Targeted clinical investigations and Vaccine safety surveillance.	Prof. Aakash Makwana


Coordinator




Principal

2





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Assessment Procedures

Vishnu Waman Thakur charitable Trust's
VIVA institute of Pharmacy
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.
Add on /Certificate/Value added program
Assessment Sheet

Basic in Clinical Research & Pharmacovigilance
Dates: 23/12/2022

Total Marks: 20
Time: 30 Mins.

Instructions:

- Each question carries 2 marks
- All questions are compulsory

I. Answer the following **20M**

Q.1 Which of the following products require clinical research to be performed?


- A new active pharmaceutical entity.
- A new formulation formulated having combination of already marketed pharmaceutical molecule.
- A newly engineered medical device.
- All a, b and c

Q.2 The guideline for conduct of clinical trial in India is provided in which schedule of Drug and cosmetic act.

- Schedule K
- Schedule M
- Schedule H
- Schedule Y

Q.3 The international GCP guidelines provided by ICH falls under which module of GCP

- Quality guidelines
- Safety guidelines
- Efficacy guidelines
- Multidisciplinary guidelines





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Vishnu Waman Thakur charitable Trust's

VIVA institute of Pharmacy

At. Shirgaon, Veer Sawarkar Road, Virar (E),

Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Add on /Certificate/Value added program

Assessment Sheet

Basic in Clinical Research & Pharmacovigilance

Dates: 23/12/2022

Total Marks: 20

Time: 30 Mins.

Q. 4 Which of the following set of options describe the completeness of ICSR in pharmacovigilance.

- a) Patient, reporter, event and product.
- b) Product, adverse event, patient and patient relative.
- c) Product, concomitant drug, adverse event and concurrent conditions.
- d) Reporter, event and product.

Q.5 Which of the following trial methodology has least chance of bias?

- a) Open ended non randomized clinical trial.
- b) Single blinded non randomized trial.
- c) Double blinded randomized comparator trial.
- d) Double blinded non-randomized comparator trial.

Q.6 After taking drug X in clinical trial, patient starts experiencing headache for which patient takes pain killer and pain subsides. Patient reports this event to investigator and describes headache as serious event. What seriousness should be captured in ICSR?

- a) Non serious as it was not severe
- b) Serious as patient described it as serious.
- c) Reporter seriousness will be captured as serious and company serious based on medical judgement.
- d) Always serious.





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Vishnu Waman Thakur charitable Trust's

VIVA institute of Pharmacy

At. Shirgaon, Veer Sawarkar Road, Virar (E),

Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Add on /Certificate/Value added program

Assessment Sheet

Basic in Clinical Research & Pharmacovigilance

Dates: 23/12/2022

Total Marks: 20

Time: 30 Mins.

7. Phocomelia, the historical birth defect scandal was due to which drug?

- a) Arsenic
- b) Thalidomide
- c) Rifampicin
- d) None of the above.

8. What is the role of a pharmacovigilance system in the context of drug safety?

- a) Developing new drugs
- b) Monitoring and reporting adverse events associated with drugs
- c) Advertising pharmaceutical products
- d) Selling prescription medications directly to consumers

9. What is the purpose of the Institutional Review Board (IRB) in clinical research?

- a) To conduct data analysis
- b) To recruit participants for clinical trials
- c) To ensure the ethical conduct of research and protect participant's rights
- d) To promote the commercial success of pharmaceutical companies

10. In which phase of clinical trials are researchers primarily focused on assessing the effectiveness of a new intervention in a larger and more diverse population?

- a) Phase I
- b) Phase II
- c) Phase III
- d) Phase IV





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Drug Design

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

NAME OF THE COURSE: 5 Days Certificate Course on Drug Design

DATE OF COURSE: 06/01/2020 to 10/01/2020

TIME: 9.00 am to 3.30 pm

DURATION: 30 Hrs.

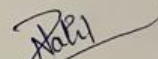
➤ **Course Objectives:**

- Design and discovery of lead molecules
- The role of drug design in drug discovery process
- The concept of QSAR and docking
- Various strategies to develop new drug like molecules

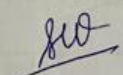
Course Outcome:

Upon successful completion, students will have the knowledge about:

- 1) To understand the various aspects of Drug design and Molecular Modeling.
- 2) To know about QSAR and Model Development.


Coordinator




Principal





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Pharmacy

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list of students enrolled (with signature of students)

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2019-2020
LIST OF STUDENTS ENROLLED
Drug Design
06/01/2020-10/01/2020
Duration: 30 Hours
Second Year B.Pharm

Roll No	Name of the Students	Sign
1	AGRI HARSH MADHAV	
2	BALE RAJESHWARI VIJAYKUMAR	
3	BARI RITIKA RAJU	
4	BHATT VEDANT TUSHAR	
5	BHOIR ANUJA DEVENDRA	
6	BOBDE KETAKI KISHOR	
7	BUDAKE TEJASWINI TANAJI	
8	CHAWDA MIHIR SHANTILAL	
9	DHAKAL YASHODA CHANDRA	
10	GAWALI PARAG RAMESH	
11	GHARAT RUTIKA NARESH	
12	GHARAT VAISHNAVI SUNIL	
13	GINGINE RAM LAXMAN	
14	GUDE SWAPNIL SHIVAJI	
15	GUPTA NEHA GHANSHYAM	
16	GUPTA VIKAS SUBHASHCHANDRA	
17	JAGDALE PRIYANKA BHASKAR	
18	JAGZAP KIRTI KAILAS	
19	KASAR RUSHIKESH SHAMKANT	
20	KHAN ARBAZ DILSHAD	
21	KHAN RUKHSAR MASLAIN	
22	KHOT MANDAR UDAY	
23	KURESHI MUSKAN ROUF	
24	MANGELA DIPENDRA ARUN	
25	MORE TUSHAR UTTAM	
26	PALKAR MEGHA SHANKAR	
27	PARULE SHUBHAM MAHENDRA	
28	PATIL AJINKYA NIKETAN	
29	PATIL DHANASHREE BHAIRU	
30	PATIL HARSHADA KISHORE	
31	PATIL KAVISH DHANANJAY	
32	PATIL NITISHA NITIN	
33	PATIL PRAJALI VILAS	
34	PATIL PURVA SANDEEP	
35	PATIL SARVESH SUBHASH	

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VIVA INSTITUTE OF PHARMACY
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Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2019-2020
LIST OF STUDENTS ENROLLED
Drug Design
06/01/2020-10/01/2020
Duration: 30 Hours
Second Year B.Pharm

Roll No	Name of the Students	Sign
36	PATIL SOURAV SUNIL	<i>[Signature]</i>
37	PATIL SWARALI ANIL	<i>[Signature]</i>
38	PATWARDHAN NEHAR SHYAM	<i>[Signature]</i>
39	PATYANE RUTUJA ANIL	<i>[Signature]</i>
40	PILLAI DHANASHREE MADHUSUDHAN	<i>[Signature]</i>
41	PRAJAPAT PRAVIN KALULAL	<i>[Signature]</i>
42	RANE SHREYAS RAJESH	<i>[Signature]</i>
43	SANE DIVYA SANTOSH	<i>[Signature]</i>
44	SANE HIMANSHU DEEPAK	<i>[Signature]</i>
45	SAYYED SIMRAN ARIF	<i>[Signature]</i>
46	SHAIKH MOHAMMED SHAHIL KAMALUDDIN	<i>[Signature]</i>
47	SHARMA SWATI SURESH	<i>[Signature]</i>
48	SHETTY SVIKRUT SATISH	<i>[Signature]</i>
49	SHIVALKAR SARVESH SANJAY	<i>[Signature]</i>
50	SINGH JEEVENDRAPRATAP JAGDISHPRASAD SINGH	<i>[Signature]</i>
51	SINGH PRAJEET PRADEEP	<i>[Signature]</i>
52	SINHA NAVNEET ANIL	<i>[Signature]</i>
53	SONAR HEMANT VIJAY	<i>[Signature]</i>
54	THAKUR SAKSHI ASHOK	<i>[Signature]</i>
55	TIWARI VINAYKUMAR PRAMOD	<i>[Signature]</i>
56	TUDAME OMPRAKASH VALMIK	<i>[Signature]</i>
57	UPADHYAY SHIVAM ARVIND	<i>[Signature]</i>
58	VALVI ANUSHRI ISHWAR	<i>[Signature]</i>
59	YADAV MAHIMA LALCHAND	<i>[Signature]</i>
60	KAKDE SNEHAL RAMESHRAO	<i>[Signature]</i>
61	KHOBRADE SHRADDHA DEVIDAS	<i>[Signature]</i>
62	MORE VAIBHAV VISHWASH	<i>[Signature]</i>
63	PATEL NEELAM PRAMOD	<i>[Signature]</i>
64	PAWAR SANDIP RATILAL	<i>[Signature]</i>
65	PINGALE SAMIR RAMESH	<i>[Signature]</i>
66	SAVE RIDDHI SANJAY	<i>[Signature]</i>
67	SURVASE PREETI TUKARAM	<i>[Signature]</i>
68	WALSE SONAL SUNIL	<i>[Signature]</i>
69	GOTHAD OMKAR DATTARAM	<i>[Signature]</i>

[Signature]
Coordinator



[Signature]
Principal





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Pharmacy

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Late Shri Vishnu Waman Thakur Charitable Trust's

VIVA INSTITUTE OF PHARMACY

At. Shirgaon, Veer Sawarkar Road, Virar (E),

Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2019-2020

LIST OF STUDENTS ENROLLED

Drug Design

06/01/2020-10/01/2020

Duration: 30 Hours

First Year B. Pharm

Roll No	Name of the Students	Sign
1	AMBULKAR SUSHANT TUKARAM	[Signature]
2	BAMNE TANVI NARAYAN	[Signature]
3	BHANDARI SIDDHI PRASHANT	[Signature]
4	BHARATE ANISH JAYAWANT	[Signature]
5	CHAUGULE OMKAR ANAND	[Signature]
6	CHAVAN KRUTIKA RAVINDRA	[Signature]
7	DHAKTODE MAYURI LAXMAN	[Signature]
8	GODAMBE PURVA BHUSHAN	[Signature]
9	GOTAD RAHUL RAMESH	[Signature]
10	GUPTA VIKASH MANDRESH	[Signature]
11	GURAV SIDDHI VINAYAK	[Signature]
12	KAITHWAR PRAVINLAL LALCHAND	[Signature]
13	KAMTHE SIDDHI DILIP	[Signature]
14	KATE VAISHNAVI RANJIT	[Signature]
15	KHAMKAR JYOTIKA AJAY	[Signature]
16	KUDTARKAR PRATHMESH BHIKAJI	[Signature]
17	KUSHWAHA DEEPAK GULABCHAND	[Signature]
18	KUSHWAHA VAISHNAVI SURENDRA	[Signature]
19	LOKHANDE TEJAL NITIN	[Signature]
20	MAHALE MONIKA RAJESH	[Signature]
21	MEHENDALE VENKATESH PRAMOD	[Signature]
22	MISHRA SASHANK SURESH	[Signature]
23	MITHBAVKAR VAISHNAVI VIKAS	[Signature]
24	MOHITE ROHIT SAMBHAJI	[Signature]
25	MUNDE ALKA ANKUSH	[Signature]
26	NALAWADE MADHURA MARUTI	[Signature]
27	NETKAR DHANASHREE ANIL	[Signature]
28	NIRMAL PRANAV RAJESH	[Signature]
29	PACHARE SHRUTI SANJAY	[Signature]
30	PANDEY ADITYA ANIL KUMAR	[Signature]



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VIVA INSTITUTE OF PHARMACY

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Academic Year 2019-2020

LIST OF STUDENTS ENROLLED

Drug Design

06/01/2020-10/01/2020

Duration: 30 Hours

First Year B.Pharm

Roll No	Name of the Students	Sign
31	PARAMBIL ADARSH JAYAKUMAR	ADARSH
32	PARIHAR KHUSHBOO DAYARAM	Khushboo
33	PATEL AAMIR MUSTAK	AAMIR-P
34	PATEL JANHAVI NANDKISHOR	Janhavi
35	PATIL MAITRI VILAS	Maitri
36	PATIL MUKTI ARVIND	Mukti
37	PATIL VED MADHUKAR	VED..
38	PRAJAPATI HIMAT BIJENDRA	Himat
39	RATHOD NANDINI NAGRAJ	Nandini
40	RAUT NIMISHA KUMAR	Nimisha
41	RAVAL MASOOM BHAVESH	Masoom
42	RAVATE VINOD SAKHARAM	Vinod
43	RAWAT AMIT CHANDRAMOHAN	Amit
44	SAHA ANKITA DAMALESHWAR	Ankita
45	SANAP MADHURI SANJAY	Madhuri
46	SANKHE PRAJYOTI SANJAY	Prajyoti
47	SAWANT SHREYA RAMESH	Shreya
48	SINGH KUNAL ARUN	Kunal
49	SURVE NEHA VINDO	Neha
50	TATE PRATIK SHIVAJI	Pratik
51	THANKE ANIKET VIJAY	Aniket
52	TIRKHA ESHA RAJU	Esha
53	TIWARI EKTA JITENDRA	Ekta
54	UPADHYAY RISHIKA VIJAY	Rishika
55	VAREKAR SUSHANT SUDHAKAR	Sushant
56	WADKAR HARSHADA SUBHASH	Harshada
57	YADAV SUSHANT MANILAL	Sushant
58	YADAV VIKAS OMPRAKASH	Vikas

[Signature]
Coordinator



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[Signature]
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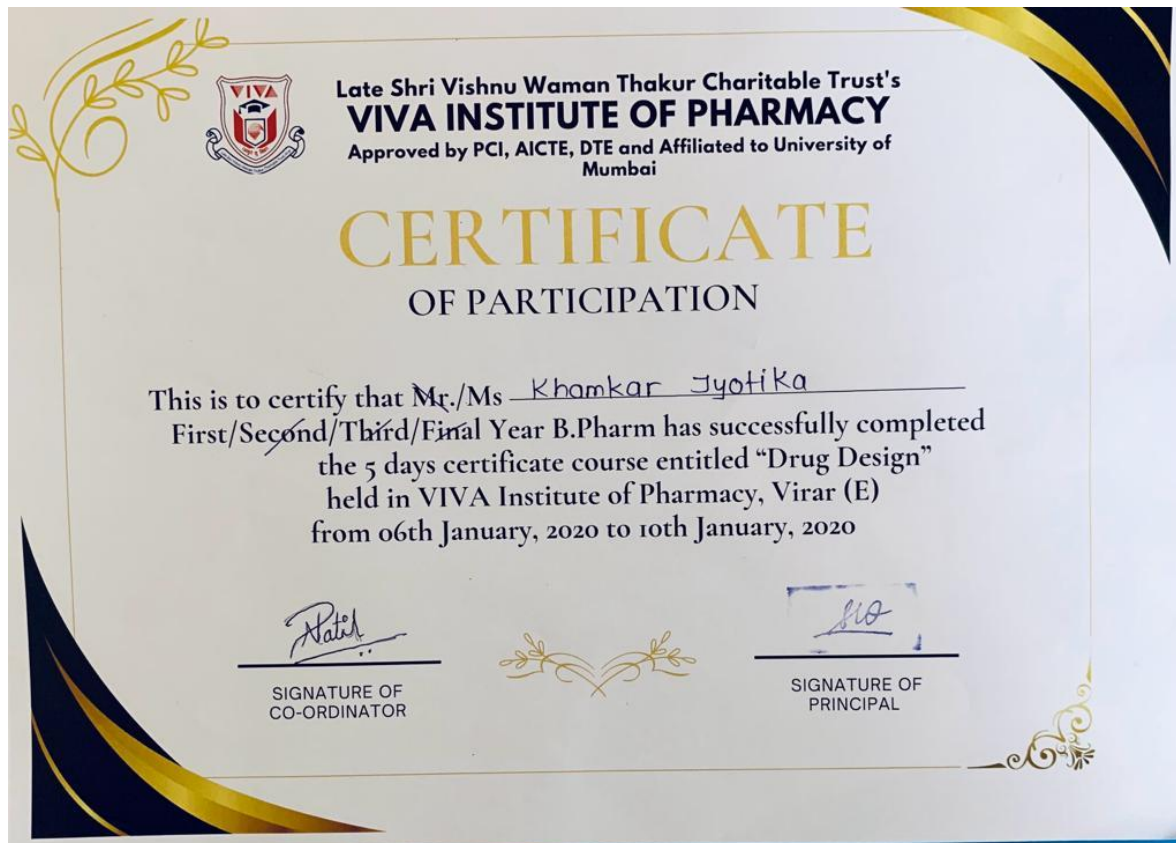




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VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

SCHEDULE

Sr No.	Day & Date	Topic Covered	Name of the speaker
1	06/01/2020	Introduction to Drug Discovery and Development Stages of drug discovery and development Lead discovery and Analog Based Drug Design Rational approaches to lead discovery based on traditional medicine, Random screening, Non-random screening, serendipitous drug discovery, lead discovery based on drug metabolism, lead discovery based on clinical observation.	Dr. Kamlesh Soni
2	07/01/2020	Quantitative Structure Activity Relationship (QSAR) SAR versus QSAR, History and development of QSAR, Types of physicochemical parameters, experimental and theoretical approaches for the determination of physicochemical parameters such as Partition coefficient, Hammett's substituent constant and Taft's steric constant. 3D-QSAR approaches.	Prof. Hitakshi Makasare
3	08/01/2020	Molecular Modeling and virtual screening techniques Virtual Screening techniques: Drug likeness screening, Concept of pharmacophore mapping and pharmacophore based Screening, Molecular docking: Rigid docking, flexible docking, manual docking, Docking based screening.	Prof. Priti Patil
4	09/01/2020	Informatics & Methods in drug design Introduction to Bioinformatics, chemoinformatics. ADME databases, chemical, biochemical and pharmaceutical databases.	Dr. Sunita Ogale
5	10/01/2020	Molecular Modeling: Introduction to molecular mechanics and quantum mechanics. Energy Minimization methods and Conformational Analysis, global conformational minima determination.	Prof. Neelam Kamble

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Assessment Procedures

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Add on /Certificate/Value added program
Assessment Sheet

Drug Design Dates: 10/01/2020	Total Marks: 20 Time: 30 Mins.
--	---

1. Which of the following approach is considered under the 'Ligand based drug designing' ?
 - a) Molecular docking
 - b) Pharmacophore modeling
 - c) QSAR Modeling
 - d) b and c both
2. Which of the following software is used for Phylogenetic analysis?
 - a) LUDI
 - b) MEGA
 - c) CHEM3D
 - d) CoMFA
3. Which type of data base EBI is ?
 - a) Protein db
 - b) Pathway db
 - c) Nucleotide db
 - d) Specialized db
4. Which of these is gene prediction algorithm?
 - a) UPGMA
 - b) Hidden Markov Model
 - c) Maximum parsimony
 - d) None
5. Procheck tool is use for
 - a) Alignment
 - b) Protein Validation
 - c) Simulation
 - d) None of these





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Add on /Certificate/Value added program

Assessment Sheet

Drug Design

Dates: 10/01/2020

Total Marks: 20

Time: 30 Mins.

6. ARSA is search engine of
 - a) DDBJ
 - b) GENBANK
 - c) EMBL
 - d) UNIPROT
7. Which one is the application of bioinformatics
 - a) Design of primers
 - b) Grouping of proteins into families
 - c) Reconstructing genes from EST sequences
 - d) All
8. Which of the following method used for virtual screening
 - a) ADMET analyses
 - b) QSAR modeling
 - c) Pharmacophore modeling
 - d) All of the above
9. CoMFA method is used for
 - a) 4D-QSAR
 - b) 3D-QSAR
 - c) 5D-QSAR
 - d) 6D-QSAR
10. Lipinski's rule of five is used for
 - a) Docking
 - b) Similarity search
 - c) Drug likeness
 - d) Dynamics simulation





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Insights of Dissolution Testing

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

NAME OF THE COURSE: Certificate course Insights of Dissolution Testing

DATE OF COURSE: 23/12/2019 to 27/12/2019

TIME: 9.00am to 3.30 pm

DURATION: 30Hrs

➤ **Course Objectives:**

- 1) Insights of dissolution apparatus.
- 2) To provide application based experimental set up.
- 3) Sampling analysis & Quality control and validation.

➤ **Course Outcome:**

Upon successful completion, students will have the knowledge about:

- 1) To understand the different types of dissolution apparatus
- 2) To understand different types of dissolution apparatus & experimental set up.
- 3) To understand Sampling analysis & Quality control and validation

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list of students enrolled (with signature of students)

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2019-2020
LIST OF STUDENTS ENROLLED
Insights of Dissolution Testing
23/12/2019 to 27/12/2019
Duration: 30 Hours
Second Year B.Pharm

Roll No	Student Name	Sign
1	AVHAD SHUBHANGI ANNASHEB SUNITA	S.A. Avhad
2	BANIYA NITISH DAYANAND SONI	N. Banerjee
3	BHAGAT TUSHAR KONDIBHAU	T. Bhagat
4	BHALERAO MOHIT SHANKAR	M. Bhalerao
5	BHOSALE PRATIKSHA UTTAM	P. Bhosale
6	BODHANI SAURAV ANIL	S. Bodhani
7	BOTADARA VIRATI RAJNIKANT NIMISHA	V. Botadara
8	CHAUDHARI MONALI BALURAM KUMUD	M. Chaudhari
9	CHAURASIA DIWAKAR RAMYASH	D. Chaurasia
10	CHITALKAR JYOTI TUKARAM	J. Chitalkar
11	CHODANKAR AKHILESH VINAY SAHILI	A. Chodankar
12	DESLE KAUSTUBH ASHOK ASHWINI	K. Desle
13	DHAGE PRIYANKA RAJENDRA	P. Dhage
14	DHURE MADHURI SUNIL SUNITA	M. Dhure
15	GAJARE PAYAL NATHU	P. Gajare
16	GHUGE DIKSHA RAMESH	D. Ghuge
17	GUPTA KAJAL RADHESHYAM RENU	K. Gupta
18	GUPTA KRISHNA RAJENDRA	K. Gupta
19	JAIN NIKI RAJIV SHARDA	N. Jain
20	JANGID MAYA KALURAM MANJU	M. Jangid
21	JAYHIND LALCHAND BHARTI	L. Jayhind
22	JHAMB RAHUL SANJAY POOJA	R. Jhamb
23	JUVALE MAZIN EIRFAN MAHMOOD RIZWANA	M. Juvele
24	KADAM POOJA PANDURANG MANISHA	P. Kadam
25	KANCHAN DISHA NARAYAN SUDHA	D. Kanchan
26	KHULE NIKITA NITIN SHITAL	N. Khule
27	KHARCHE VISHVESH DNYANDEO	V. Kharche
28	LOLAGE ASHWINI SURYAKANT SUPRIYA	A. Lolage
29	MANDAVLE AMEY RAJESH SUCHITA	A. Mandavle
30	METRE SAIDEEP ASHOK SULAKSHANA	S. Metre
31	MHATRE SAKSHI JAGDISH NETRA	S. Mhatre
32	MHATRE SAMEEKSHA DEVANAND	S. Mhatre
33	MISHRA RISHABHA VINOD RITA	R. Mishra
34	MISHRA VISHAL SHIVKUMAR SUNITA	V. Mishra

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Academic Year 2019-2020
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23/12/2019 to 27/12/2019
Duration: 30 Hours
Second Year B.Pharm

Roll No	Student Name	Sign
35	MISHRA RUPAM ANIL ANITA	<i>[Signature]</i>
36	MISHRA SANDHYA SANJEEV KUSUM	<i>[Signature]</i>
37	MOHITE GAURI SUBHASH SHIVANI	<i>[Signature]</i>
38	NILEKAR CHAITALI ANIL RATNAPRABHA	<i>[Signature]</i>
39	NISHAD ANKITA RUDAL USHA	<i>[Signature]</i>
40	PAKHARE ABHISHEK TANAJI	<i>[Signature]</i>
41	PATEL JAYMIN PARESH MANISHA	<i>[Signature]</i>
42	PATEL TANUJA SURENDRA KOMIL	<i>[Signature]</i>
43	PATIL ABHISHEK AMIT NEETA	<i>[Signature]</i>
44	PATIL DHANSHREE SHIVRAM SMITA	<i>[Signature]</i>
45	PATIL HEETANSHU PRADEEP PRITI	<i>[Signature]</i>
46	PATIL SAMRUDDHI SUJIT SONALI	<i>[Signature]</i>
47	PATIL SENENDRA KIRAN BHAGYASHREE	<i>[Signature]</i>
48	PAWAR SHRUTI SUDHIR SUGANDHA	<i>[Signature]</i>
49	PRAJAPATI JAY MAHESH DAKSHA	<i>[Signature]</i>
50	SAGAR AKASH RAJENDRA SHOBHA	<i>[Signature]</i>
51	SIDDIQUI MOHAMMED TALHA MUSTAFA NASREENBANO	<i>[Signature]</i>
52	SONALKAR MIZAB ILYAS TANVIZ	<i>[Signature]</i>
53	SURVE VARUN SHRIRAM URMILA	<i>[Signature]</i>
54	SUTHAR DINESH SURESH FANCY	<i>[Signature]</i>
55	TATKARE RAKHI ANIL ANKITA	<i>[Signature]</i>
56	TELI SHRIYA KRISHNAJI SNEHA	<i>[Signature]</i>
57	TEMBHARE ASHWINI DURYODHAN	<i>[Signature]</i>
58	THAKUR ANIKET RAJUSINGH GEETA	<i>[Signature]</i>
59	TIWARI GAURAVKUMAR DINESHCHANDRA NAGINA	<i>[Signature]</i>
60	USANKAR RICHKA AJAY VARSHA	<i>[Signature]</i>
61	UTEKAR KUNAL SHASHIKANT VARSHA	<i>[Signature]</i>
62	VAISHNAV GOVINDDAS MANGILAL LEELA	<i>[Signature]</i>
63	VAITY PRANJAL HARENDRA ROHINI	<i>[Signature]</i>
64	VEDPATHAK SAKSHI KISHOR ANITA	<i>[Signature]</i>
65	WAGHERE SIDDHESH DYANDEV SUSHILA	<i>[Signature]</i>
66	YADAV KAJAL RAMAWADH SHAKUNTALA	<i>[Signature]</i>
67	ZENDE RITU RAVINDRA RANJANA	<i>[Signature]</i>

Coordinator

Principal



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Academic Year 2019-2020
LIST OF STUDENTS ENROLLED
Insights of Dissolution Testing
23/12/2019 to 27 /12 /2019
Duration: 30 Hours
First Year B.Pharm

Roll No.	Student Name	Sign
1	AGRI HARSH MADHAV	Harsh A.
2	BALE RAJESHWARI VIJAYKUMAR	Rajesh
3	BARI RITIKA RAJU	Ritika
4	BHATT VEDANT TUSHAR	Vedant
5	BHOIR ANUJA DEVENDRA	Anuja
6	BOBDE KETAKI KISHOR	Ketaki
7	BUDAKE TEJASWINI TANAJI	Tejask
8	CHAWDA MIHIR SHANTILAL	Mihir
9	DHAKAL YASHODA CHANDRA	Yashoda
10	GAWALI PARAG RAMESH	Parag
11	GHARAT RUTIKA NARESH	Rutika
12	GHARAT VAISHNAVI SUNIL	Vaishnavi
13	GINGINE RAM LAXMAN	Ram
14	GUDE SWAPNIL SHIVAJI	Swapnil
15	GUPTA NEHA GHANSHYAM	Neha
16	GUPTA VIKAS SUBHASHCHANDRA	Vikas
17	JAGDALE PRIYANKA BHASKAR	Priyanka
18	JAGZAP KIRTI KAILAS	Kirti
19	KASAR RUSHIKESH SHAMKANT	Rushikesh
20	KHAN ARBAZ DILSHAD	Arbaz
21	KHAN RUKHSAR MASLAIN	Rukhsar
22	KHOT MANDAR UDAY	Mandar
23	KURESHI MUSKAN ROUF	Muskan
24	MANGELA DIPENDRA ARUN	Dipendra
25	MORE TUSHAR UTTAM	Tushar
26	PALKAR MEGHA SHANKAR	Megha
27	PARULE SHUBHAM MAHENDRA	Shubham
28	PATIL AJINKYA NIKETAN	Ajinkya
29	PATIL DHANASHREE BHAIRU	Dhanashree
30	PATIL HARSHADA KISHORE	Harshada

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Roll No.	Student Name	Sign
31	PATIL KAVISH DHANANJAY	
32	PATIL NITISHA NITIN	
33	PATIL PRAJALI VILAS	
34	PATIL PURVA SANDEEP	
35	PATIL SARVESH SUBHASH	
36	PATIL SOURAV SUNIL	
37	PATIL SWARALI ANIL	
38	PATWARDHAN NEHAR SHYAM	
39	PATYANE RUTUJA ANIL	
40	PILLAI DHANASHREE MADHUSUDHAN	
41	PRAJAPAT PRAVIN KALULAL	
42	RANE SHREYAS RAJESH	
43	SANE DIVYA SANTOSH	
44	SANE HIMANSHU DEEPAK	
45	SAYYED SIMRAN ARIF	
46	SHAIKH MOHAMMED SHAHIL KAMALUDDIN	
47	SHARMA SWATI SURESH	
48	SHETTY SVIKRUT SATISH	
49	SHIVALKAR SARVESH SANJAY	
50	SINGH JEEVENDRAPRATAP JAGDISHPRASAD SINGH	
51	SINGH PRAJEET PRADEEP	
52	SINHA NAVNEET ANIL	
53	SONAR HEMANT VIJAY	
54	THAKUR SAKSHI ASHOK	
55	TIWARI VINAYKUMAR PRAMOD	
56	TUDAME OMPRAKASH VALMIK	
57	UPADHYAY SHIVAM ARVIND	
58	VALVI ANUSHRI ISHWAR	
59	YADAV MAHIMA LALCHAND	

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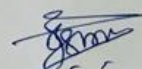
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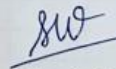
SCHEDULE

Sr No	Day & Date	Topic Covered	Name of the speaker
1	23/12/2019	What is Dissolution Overview of Apparatus Instrumentation and Components Testing Procedures	Prof. Neha Laxane
2	24/12/2019	Sampling Techniques Dissolution Profiles Need of Regulatory Bodies	Prof. Sanghadeep Gajbhiye
3	25/12/2019	Quality Control Current Challenges in dissolution Research	Prof. Priti Patil
4	26/12/2019	In Vitro-In Vivo Correlation Case Studies and Applications	Prof. Sushruta Mulay
5	27/12/2019	Current Challenges and Novel Approaches in dissolution studies Questions and Discussion	Prof. Priti Patil

Hands on Sessions are scheduled in post lunch session


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Assessment Procedures

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Add on /Certificate/Value added program
Assessment Sheet

Insights of Dissolution	Total Marks: 20
Date: 27/12/2019	Time: 20 Mins.

Multiple-Choice Questions:

1. The reaction-limited dissolution can be explained by
 - a) Interfacial barrier model
 - b) Danckwert model
 - c) Noyes-Whitney Relationship
 - d) a and b
2. Interfacial barrier model is also known as
 - a) Limited solvation theory
 - b) Danckwert model
 - c) Noyes-Whitney Relationship
 - d) Hixon-Crowell Cubic Root Law
3. Which of the following is the limiting step in drug dissolution according to Interfacial barrier model?
 - a) Interfacial Transport
 - b) Diffusion
 - c) Solubility
 - d) Particle Size
4. Absorption of drug from solid oral dosage forms is mainly influenced by _____ of the solid dosage form.
 - a) solubility
 - b) disintegration
 - c) particle size
 - d) partition coefficient





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Add on /Certificate/Value added program

Assessment Sheet

Insights of Dissolution

Total Marks: 20

Date: 27/12/2019

Time: 20 Mins.

5. Which of the following are important parameters in the absorption of drug?
 - a) dissolution
 - b) permeation
 - c) both of these
 - d) none of these
6. Dissolution is the physicochemical process by which a solid substance enters the solvent phase to yield a solution and is a key prerequisite for any orally administered drug (as a solid dosage form) to be systemically effective.
 - a) true
 - b) false
7. Drug dissolution is a _____ process involving heterogeneous reactions at the solid-liquid interphase.
 - a) single step
 - b) multi step
 - c) linear
 - d) all of these
8. The mechanism of dissolution could be explained by
 - a) reaction limited model
 - b) diffusion-limited model
 - c) both of these
 - d) none of these





Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Pharmacy

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Late Shri Vishnu Waman Thakur charitable Trust's

VIVA institute of Pharmacy

At. Shirgaon, Veer Sawarkar Road, Virar (E),

Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Add on /Certificate/Value added program

Assessment Sheet

Insights of Dissolution

Total Marks: 20

Date: 27/12/2019

Time: 20 Mins.

9. Dissolution is considered to be a reaction between the undissolved species (solid) and the dissolution medium (liquid) in which of the following model.
- a) Reaction-Limited Model
 - b) Diffusion-Limited Model or Film Theory
 - c) both of these
 - d) none of these
10. Constantly renewed macroscopic packets of solvent, called eddy, reach the surface of the solid and absorb the molecule of the solute, delivering them to the bulk solution occurs according to which model?
- a) Limited solvation theory
 - b) Danckwert model
 - c) Noyes-Whitney Relationship
 - d) Hixon-Crowell Cubic Root Law





Vishnu Waman Thakur Charitable Trust's
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Handling of Laboratory Animals

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

NAME OF THE COURSE: 5 Days Certificate course on Handling of Laboratory Animals

DATE OF COURSE: 04/11/2019 to 08/11/2019

TIME: 9.00 am to 3.30 pm

DURATION: 30 Hrs.

➤ **Course Objectives:**

- 1) To provide basic knowledge on handling of laboratory Animals like Mice, Rats.
- 2) To have a proper knowledge on the legislations, Ethics, and about the rules & regulations of CPC SEA.
- 3) Training also provides the information about IAEC approvals while conducting research work on laboratory animals.

➤ **Course Outcome:**

Upon successful completion, students will have the knowledge about:

- 1) To understand the species, specific biology of laboratory Animals.
- 2) Maintenance of laboratory animals with proper diet and facilities.
- 3) Environmental factors that may influence animal Experiments.


Coordinator




Principal





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Pharmacy

Approved by PCI, AICTE (New Delhi), DTE (Government of Maharashtra), and Affiliated to University of Mumbai

list of students enrolled (with signature of students)

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2019-2020
LIST OF STUDENTS ENROLLED
Handling of Laboratory Animals
04/11/2019 to 08/11/2019
Duration: 30 Hours
Final Year B.Pharm

Roll. No	Name of the Students	Sign
1	ADE NITIN SURESH ASHA	
2	ANGANE PRASAD CHANDRAKANT POOJA	
3	APTEKAR VISHAKHA PRASHANT PRACHI	
4	BAND MANDAR DEEPAK JYOTI	
5	BHANUSHALI NIDHI NARESH PREETI	
6	BHOSLE NEHA SACHINDRA KALPANA	
7	CHAUDHARI TEJASWINI VINAYAK JYOTI	
8	DESHPANDE RIDDHI YASHODHAN SMITA	
9	DIXIT GARGI MANGESH SUREKHA	
10	GHARAT RUCHITA RAM RUSHALI	
11	GIJARE AKANKSHA BALU	
12	GUPTA ANUP DILIP SAVITRI	
13	GUPTA JAYESH RAMESH SONI	
14	GUPTA RAKESH KANHAIYALAL INDRAVATI	
15	JAIN RAJVI LALIT LATA	
16	JOSHI KOMAL BAJRANG MANJU	
17	JOSHI RUCHITA MAHESH VAISHALI	
18	KAMBALE NAMRATA PRADEEP LATA	
19	KAREKAR VAISHNAVI VISHWAS TANVI	
20	KESARWANI SIMRAN ASHOK SANGEETA	
21	KORE MIKHIL SANTOSH SUPRIYA	
22	KORLEKAR PRANALI PRAMOD SNEHA	
23	KUNDAP SHIVANI VIKAS SATYAVATI	
24	MAINGADE NIKITA VASANT VARSHA	
25	MASAL SHUBHANGI MAHADEV KANTA	
26	MAURYA RAJESHWARI AKHILESH RAJKUMARI	
27	MEHER ATMAJA ABHAY VANDANA	
28	MISHRA RISHABH SANJAY MEERA	
29	NOUDIYAL PRATIKSHA SUNIL VIDYAL	
30	JAIN MEENAKSHI JITENDRA GEETA	



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VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2019-2020
LIST OF STUDENTS ENROLLED
Handling of Laboratory Animals
04/11/2019 to 08/11/2019
Duration: 30 Hours
Final Year B.Pharm

Roll. No	Name of the Students	Sign
31	PARIHAR NIRAJ JIVRAM	Niraj P.
32	PATEL JAIMEEN JAYESH RITABEN	Jaimeen P.
33	PATIL DARSHAN KAMALAKAR USHA	Darshan P.
34	PATIL MRUNAL KUMAR KANCHAN	Mrunal P.
35	PATIL PRACHI PRAKASH ANJU	Prachi P.
36	PATIL TRUPTI BALKRISHNA SUNANDA	Trupti P.
37	PAWAR ALPIKA ASHOK ANITA	Alpika P.
38	PRAJAPATI SHUBHAM BANSHRAJ RITA	Shubham P.
39	RANE SAMARTH PRAMOD SANDHYA	Samarth R.
40	RUPARELIYA VIMAL PRAVINBHAI RASILABEN	Vimal R.
41	SHAIKH MAAZ ARIF RUKHSANA	Maz R.
42	SHAIKH MOHD FAREED MOHD FIROZ ASIYA	Mohd F.
43	SHARMA MANISH KUMAR ARUN RITA	Manish S.
44	SHINDE PRACHI KISHOR KAVITA	Prachi S.
45	SHIRODKAR SANKET SUNIL SARITA	Sanket S.
46	SINGH RICHA MANOJ KIRAN	Richa S.
47	SINGH SHRISHTI VIRENDRA KIRAN	Shrishti S.
48	SURYAVANSHI KIRAN RAJU LAXMI	Kiran S.
49	SURYAVANSHI SHREYA DEEPAK MANISHA	Shreya S.
50	TAMHANKAR SAMPADA PRAKASH PRIYANKA	Sampada T.
51	TELANGE TEJAS SURESH INDRAAYANI	Tejas T.
52	TIWARI SHIKHA KRISHNA KUMAR SANJU	Shikha T.
53	UIKEY SANKET SHIVPRASAD REETA	Sanket U.
54	WAGHCHAURE PRANIT SUNIL MANISHA	Pranit W.
55	YADAV SACHIN RAJKUMAR RASILADEVI	Sachin Y.
56	YADAV SURAJ SABHAJEET RENU	Suraj Y.

[Signature]
Co-ordinator

[Signature]
Principal





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VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2019-2020
LIST OF STUDENTS ENROLLED
Handling of Laboratory Animals
04/11/2019 to 08/11/2019
Duration: 30 Hours
Third Year B.Pharm

Sr.No	Name of the Students	Sign
1	AVHAD SHUBHANGI ANNASHEB SUNITA	S.A. Avhad
2	BANIYA NITISH DAYANAND SONI	N.Baniya
3	BARORA HETAL AJIT NUTAN	H.Bariya
4	BHAGAT TUSHAR KONDIBHAU	T.Bhagat
5	BHALERAO MOHIT SHANKAR	M.Bhalerao
6	BHARTI JAYHIND LALCHAND PRABHAVATI	B.Bharti
7	BHOSALE PRATIKSHA UTTAM	P.Bhosale
8	BODHANI SAURAV ANIL	S.Bodhani
9	BOTADARA VIRATI RAJNIKANT NIMISHA	V.Botadara
10	CHAUDHARI MONALI BALURAM KUMUD	M.Chaudhari
11	CHAURASIA DIWAKAR RAMYASH	D.Chauriasa
12	CHITALKAR JYOTI TUKARAM	J.Chitalkar
13	CHODANKAR AKHILESH VINAY SAHILI	A.Chodankar
14	DESLE KAUSTUBH ASHOK ASHWINI	K.Desle
15	DHAGE PRIYANKA RAJENDRA	P.Dhage
16	DHUMALE AMOL BHAGOJI	A.Dhumale
17	DHURE MADHURI SUNIL SUNITA	M.Dhure
18	GAJARE PAYAL NATHU	P.Gajare
19	GHUGE DIKSHA RAMESH	D.Ghugre
20	GUPTA KAJAL RADHESHYAM RENU	K.Gupta
21	GUPTA KRISHNA RAJENDRA	K.Gupta
22	JAIN NIKI RAJIV SHARDA	N.Jain
23	JANGID MAYA KALURAM MANJU	M.Jangid
24	JHAMB RAHUL SANJAY POOJA	R.Jhamb
25	JUVALE MAZIN EIRFAN MAHMOOD RIZWANA	M.Juvala
26	KADAM POOJA PANDURANG MANISHA	P.Kadam
27	KANCHAN DISHA NARAYAN SUDHA	D.Kanchan
28	KHULE NIKITA NITIN SHITAL	N.Khule
29	LOLAGE ASHWINI SURYAKANT SUPRIYA	A.Lolage
30	MANDAVLE AMEY RAJESH SUCHITA	A.Mandavle
31	METRE SAIDEEP ASHOK SULAKSHANA	S.Metre
32	MHATRE DIPESH VIJAY	D.Mhatre
33	MHATRE SAKSHI JAGDISH NETRA	S.Mhatre
34	MHATRE SAMEEKSHA DEVANAND	S.Mhatre
35	MISHRA RISHABHA VINOD RITA	R.Mishra
36	MISHRA VISHAL SHIVKUMAR SUNITA	V.Mishra



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Vishnu Waman Thakur Charitable Trust's VIVA Institute of Pharmacy

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Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2019-2020
LIST OF STUDENTS ENROLLED
Handling of Laboratory Animals
04/11/2019 to 08/11/2019
Duration: 30 Hours
Third Year B.Pharm

Sr.No	Name of the Students	Sign
37	MISHRA RUPAM ANIL ANITA	Mishra
38	MISHRA SANDHYA SANJEEV KUSUM	Sandhya
39	MOHITE GAURI SUBHASH SHIVANI	Phatak
40	NILEKAR CHAITALI ANIL RATNAPRABHA	Ankita
41	NISHAD ANKITA RUDAL USHA	Nishad
42	PAKHARE ABHISHEK TANAJI	Patil
43	PATEL JAYMIN PARESH MANISHA	Zangir
44	PATEL TANUJA SURENDRA KOMIL	Eunke
45	PATIL TWINKLE SURESH MANJU	Apant
46	PATIL ABHISHEK AMIT NEETA	Patil
47	PATIL DHANSHREE SHIVRAM SMITA	Patil
48	PATIL HEETANSHU PRADEEP PRITI	Patil
49	PATIL SAMRUDDHI SUJIT SONALI	Sonendra
50	PATIL SENENDRA KIRAN BHAGYASHREE	Pawar
51	PAWAR SHRUTI SUDHIR SUGANDHA	Patil
52	PRAJAPATI JAY MAHESH DAKSHA	Patil
53	SAGAR AKASH RAJENDRA SHOBHA	Misra
54	SIDDIQUI MOHAMMED TALHA MUSTAFA	Siddiqui
55	SINGH SNEHAL MANBODH	Mizal
56	SONALKAR MIZAB ILYAS TANVIZ	Varun
57	SURVE VARUN SHRIRAM URMILA	Surve
58	SUTHAR DINESH SURESH FANCY	RTatla
59	TATKARE RAKHI ANIL ANKITA	Shri
60	TELI SHRIYA KRISHNAJI SNEHA	Shrivani
61	TEMBHARE ASHWINI DURYODHAN	Thakur
62	THAKUR ANIKET RAJUSINGH GEETA	Gaurav
63	TIWARI GAURAVKUMAR DINESHCHANDRA NAGINA	Richika
64	USANKAR RICHIKA AJAY VARSHA	Utekar
65	UTEKAR KUNAL SHASHIKANT VARSHA	Vaishnav
66	VAISHNAV GOVINDDAS MANGILAL LEELA	Vaidya
67	VAITY PRANJAL HARENDRA ROHINI	Vaidya
68	VEDPATHAK SAKSHI KISHOR ANITA	Vaidya
69	WAGHERE SIDDHESH DYANDEV SUSHILA	Vaidya
70	YADAV KAJAL RAMAWADH SHAKUNTALA	Vaidya
71	ZENDE RITU RAVINDRA RANJANA	Vaidya

Co-ordinator

Principal





Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Pharmacy

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Model Certificate





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Pharmacy

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Curriculum

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

SCHEDULE

Sr No.	Day & Date	Topic Covered	Name of the speaker
1	03/11/2019	Appropriate methods & principles of handling animals & describe common techniques procedures including administration and sampling techniques. Describing the basic biology of the relevant animal species, including basic anatomy, physiology, reproduction & behavior, & recognize the importance of attending to biological & behavioral needs.	Dr Sunita Ogale
2	04/11/2019	Various routes of administration & to describe about the importance providing acclimatizing environment to laboratory animals & also monitoring of appropriate health status for the animals.	Ms. Ruchita Dhangar
3	05/11/2019	Describe abnormal behavior & signs of discomfort, pain, suffering or distress & also monitor the microbiological health of laboratory animals.	Ms. Tanvi Pingale
4	06/11/2019	Listing of potential human health hazards associated with contact with laboratory animals & describe how these can be prevented or reduced.	Ms. Ruchita Dhangar
5	07/11/2019	Define the term "Humane killing" & list appropriate Euthanasia, methods for the relevant animal species & recognize the choice of Euthanasia method may influence the scientific outcomes.	Ms. Tanvi Pingale

☛ Note: Practical demonstrations are scheduled in post lunch session.

Rakhi
Coordinator



SW
Principal





Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Pharmacy

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Assessment Procedures

Late Shri Vishnu Waman Thakur charitable Trust's
VIVA institute of Pharmacy
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Add on /Certificate/Value added program
Assessment Sheet

Handling of Laboratory animals

Dates: 08/11/2019

Total Marks: 20

Time: 20 Mins.

- 1) Ideal temperature for animal house is
 - a) 20-26
 - b) 16-22
 - c) 18-27
 - d) 16-27
- 2) Which is not a technique for blood withdrawal in rats.
 - a) Cardiac puncture
 - b) Retro orbital sinus
 - c) Canine blood draw
 - d) Lateral tail vein/artery
- 3) For approval of protocol, which form, is essential.
 - a) Form D
 - b) Form C
 - c) Form B
 - d) Form A
- 4) Good clinical practice is not required in
 - a) Preclinical phase
 - b) Phase 1
 - c) Phase 2
 - d) Phase 4 trial
- 5) Which committee is responsible for approval of protocol
 - a) FDA
 - b) IAEC
 - c) CCSEA
 - d) WHO
- 6) when the drug is introduced in bone marrow this route is called
 - a) Intraperitoneal
 - b) Intrathecal
 - c) Intramedullary
 - d) Intra-arterial





Vishnu Waman Thakur Charitable Trust's
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Late Shri Vishnu Waman Thakur charitable Trust's

VIVA institute of Pharmacy

At. Shirgaon, Veer Sawarkar Road, Virar (E),

Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Add on /Certificate/Value added program

Assessment Sheet

Handling of Laboratory animals

Dates: 08/11/2019

Total Marks: 20

Time: 20 Mins.

- 7) When the medicine is administered into the spinal cavity this is known as
 - a) Intraosseous
 - b) Intraperitoneal
 - c) Intracardiac
 - d) Intrathecal
- 8) Test dose of penicillin is administered by which of the following route
 - a) Subcutaneous
 - b) Intravenous
 - c) Intramuscular
 - d) Intradermal
- 9) In an unconscious patient which is the preferred route of drug administration
 - a) Oral ingestion
 - b) Enteral route
 - c) Inhalation
 - d) Intravenous
- 10) Repeated injections on the same spot can cause
 - a) Injury to the nerves
 - b) Induration of skin and scar formation
 - c) Injury to walls of blood vessels
 - d) All of the above





Vishnu Waman Thakur Charitable Trust's **VIVA Institute of Pharmacy**

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Personality Development

Late Shri Vishnu Waman Thakur Charitable Trust's

VIVA INSTITUTE OF PHARMACY

At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

NAME OF THE COURSE: 5 Days Certificate Course on Personality Development

DATE OF COURSE: 07/01/2019 to 11/01/2019

TIME: 9.00 am to 3.30 pm

DURATION: 30 Hrs.

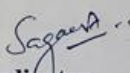
Course Objectives:

- To develop Positive attitude and self confidence
- Develop Interview skills and employability Skills

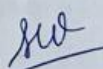
Course Outcome:

Upon successful completion, students will have the knowledge about:

- Students should feel positive
- Students must be able to converse in English fluently.
- Students should improve their writing skills, behavior etc.


Coordinator




Principal





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Pharmacy

Approved by PCI, AICTE (New Delhi), DTE (Government of Maharashtra), and Affiliated to University of Mumbai

list of students enrolled (with signature of students)

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2018-19
LIST OF STUDENTS ENROLLED
Personality Development
07/01/2019 to 11/01/2019
Duration: 30 Hours
Second Year B.Pharm

Roll No	Student Name	Sign
1	AVHAD SHUBHANGI ANNASHEB SUNITA	S.A. Anhad
2	BANIYA NITISH DAYANAND SONI	N. Baniga
3	BHAGAT TUSHAR KONDIBHAU	T. Bhagat
4	BHALERAO MOHIT SHANKAR	M. Bhalerao
5	BHOSALE PRATIKSHA UTTAM	P. Bhosale
6	BODHANI SAURAV ANIL	S. Bodhani
7	BOTADARA VIRATI RAJNIKANT NIMISHA	V. Botadara
8	CHAUDHARI MONALI BALURAM KUMUD	M. Chaudhari
9	CHAURASIA DIWAKAR RAMYASH	D. Chaurasia
10	CHITALKAR JYOTI TUKARAM	J. Chitalkar
11	CHODANKAR AKHILESH VINAY SAHILI	A. Chodankar
12	DESLE KAUSTUBH ASHOK ASHWINI	K. Desle
13	DHAGE PRIYANKA RAJENDRA	P. Dhage
14	DHURE MADHURI SUNIL SUNITA	M. Dhure
15	GAJARE PAYAL NATHU	P. Gajare
16	GHUGE DIKSHA RAMESH	D. Ghuge
17	GUPTA KAJAL RADHESHYAM RENU	K. Gupta
18	GUPTA KRISHNA RAJENDRA	K. Gupta
19	JAIN NIKI RAJIV SHARDA	N. Jain
20	JANGID MAYA KALURAM MANJU	M. Jangid
21	JAYHIND LALCHAND BHARTI	L. Jayhind
22	JHAMB RAHUL SANJAY POOJA	R. Jhamb
23	JUVALE MAZIN EIRFAN MAHMOOD RIZWANA	M. Juvele
24	KADAM POOJA PANDURANG MANISHA	P. Kadam
25	KANCHAN DISHA NARAYAN SUDHA	D. Kanchan
26	KHULE NIKITA NITIN SHITAL	N. Khule
27	KHARCHE VISHVESH DNYANDEO	V. Kharche
28	LOLAGE ASHWINI SURYAKANT SUPRIYA	A. Lolage
29	MANDAVLE AMEY RAJESH SUCHITA	A. Mandavle
30	METRE SAIDEEP ASHOK SULAKSHANA	S. Metre
31	MHATRE SAKSHI JAGDISH NETRA	S. Mhatre
32	MHATRE SAMEEKSHA DEVANAND	S. Mhatre
33	MISHRA RISHABHA VINOD RITA	R. Mishra
34	MISHRA VISHAL SHIVKUMAR SUNITA	V. Mishra
35	MISHRA RUPAM ANIL ANITA	R. Mishra
36	MISHRA SANDHYA SANJEEV KUSUM	S. Mishra

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Vishnu Waman Thakur Charitable Trust's VIVA Institute of Pharmacy

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Late Shri Vishnu Waman Thakur Charitable Trust's

VIVA INSTITUTE OF PHARMACY

At. Shirgaon, Veer Sawarkar Road, Virar (E),

Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2018-19

LIST OF STUDENTS ENROLLED

Personality Development

07/01/2019 to 11 /01 /2019

Duration: 30 Hours

Second Year B.Pharm

Roll No	Student Name	Sign
37	MOHITE GAURI SUBHASH SHIVANI	
38	NILEKAR CHAITALI ANIL RATNAPRABHA	
39	NISHAD ANKITA RUDAL USHA	
40	PAKHARE ABHISHEK TANAJI	
41	PATEL JAYMIN PARESH MANISHA	
42	PATEL TANUJA SURENDRA KOMIL	
43	PATIL ABHISHEK AMIT NEETA	
44	PATIL DHANSHREE SHIVRAM SMITA	
45	PATIL HEETANSHU PRADEEP PRITI	
46	PATIL SAMRUDDHI SUJIT SONALI	
47	PATIL SENENDRA KIRAN BHAGYASHREE	
48	PAWAR SHRUTI SUDHIR SUGANDHA	
49	PRAJAPATI JAY MAHESH DAKSHA	
50	SAGAR AKASH RAJENDRA SHOBHA	
51	SIDDIQUI MOHAMMED TALHA MUSTAFA NASREENBANO	
52	SONALKAR MIZAB ILYAS TANVIZ	
53	SURVE VARUN SHRIRAM URMILA	
54	SUTHAR DINESH SURESH FANCY	
55	TATKARE RAKHI ANIL ANKITA	
56	TELI SHRIYA KRISHNAJI SNEHA	
57	TEMBHARE ASHWINI DURYODHAN	
58	THAKUR ANIKET RAJUSINGH GEETA	
59	TIWARI GAURAVKUMAR DINESHCHANDRA NAGINA	
60	USANKAR RICHKA AJAY VARSHA	
61	UTEKAR KUNAL SHASHIKANT VARSHA	
62	VAISHNAV GOVINDAS MANGILAL LEELA	
63	VAITY PRANJAL HARENDRA ROHINI	
64	VEDPATHAK SAKSHI KISHOR ANITA	
65	WAGHERE SIDDHESH DYANDEV SUSHILA	
66	YADAV KAJAL RAMAWADH SHAKUNTALA	
67	ZENDE RITU RAVINDRA RANJANA	

Coordinator

Principal





Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Pharmacy

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Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2018-19
LIST OF STUDENTS ENROLLED
Personality Development
07/01/2019 to 11/01/2019
Duration: 30 Hours
First Year B.Pharm

Roll No.	Student Name	Sign
1	AGRI HARSH MADHAV	[Signature]
2	BALE RAJESHWARI VIJAYKUMAR	[Signature]
3	BARI RITIKA RAJU	[Signature]
4	BHATT VEDANT TUSHAR	[Signature]
5	BHOIR ANUJA DEVENDRA	[Signature]
6	BOBDE KETAKI KISHOR	[Signature]
7	BUDAKE TEJASWINI TANAJI	[Signature]
8	CHAWDA MIHIR SHANTILAL	[Signature]
9	DHAKAL YASHODA CHANDRA	[Signature]
10	GAWALI PARAG RAMESH	[Signature]
11	GHARAT RUTIKA NARESH	[Signature]
12	GHARAT VAISHNAVI SUNIL	[Signature]
13	GINGINE RAM LAXMAN	[Signature]
14	GUDE SWAPNIL SHIVAJI	[Signature]
15	GUPTA NEHA GHANSHYAM	[Signature]
16	GUPTA VIKAS SUBHASHCHANDRA	[Signature]
17	JAGDALE PRIYANKA BHASKAR	[Signature]
18	JAGZAP KIRTI KAILAS	[Signature]
19	KASAR RUSHIKESH SHAMKANT	[Signature]
20	KHAN ARBAZ DILSHAD	[Signature]
21	KHAN RUKHSAR MASLAIN	[Signature]
22	KHOT MANDAR UDAY	[Signature]
23	KURESHI MUSKAN ROUF	[Signature]
24	MANGELA DIPENDRA ARUN	[Signature]
25	MORE TUSHAR UTTAM	[Signature]
26	PALKAR MEGHA SHANKAR	[Signature]
27	PARULE SHUBHAM MAHENDRA	[Signature]
28	PATIL AJINKYA NIKETAN	[Signature]
29	PATIL DHANASHREE BHAIKU	[Signature]
30	PATIL HARSHADA KISHORE	[Signature]



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Vishnu Waman Thakur Charitable Trust's VIVA Institute of Pharmacy

Approved by PCI, AICTE (New Delhi), DTE (Government of Maharashtra), and Affiliated to University of Mumbai

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2018-19
LIST OF STUDENTS ENROLLED
Personality Development
07/01/2019 to 11 /01 /2019
Duration: 30 Hours
First Year B.Pharm

Roll No.	Student Name	Sign
31	PATIL KAVISH DHANANJAY	[Signature]
32	PATIL NITISHA NITIN	[Signature]
33	PATIL PRAJALI VILAS	[Signature]
34	PATIL PURVA SANDEEP	[Signature]
35	PATIL SARVESH SUBHASH	[Signature]
36	PATIL SOURAV SUNIL	[Signature]
37	PATIL SWARALI ANIL	[Signature]
38	PATWARDHAN NEHAR SHYAM	[Signature]
39	PATYANE RUTUJA ANIL	[Signature]
40	PILLAI DHANASHREE MADHUSUDHAN	[Signature]
41	PRAJAPAT PRAVIN KALULAL	[Signature]
42	RANE SHREYAS RAJESH	[Signature]
43	SANE DIVYA SANTOSH	[Signature]
44	SANE HIMANSHU DEEPAK	[Signature]
45	SAYYED SIMRAN ARIF	[Signature]
46	SHAIKH MOHAMMED SHAHIL KAMALUDDIN	[Signature]
47	SHARMA SWATI SURESH	[Signature]
48	SHETTY SVIKRUT SATISH	[Signature]
49	SHIVALKAR SARVESH SANJAY	[Signature]
50	SINGH JEEVENDRAPRATAP JAGDISHPRASAD SINGH	[Signature]
51	SINGH PRAJEET PRADEEP	[Signature]
52	SINHA NAVNEET ANIL	[Signature]
53	SONAR HEMANT VIJAY	[Signature]
54	THAKUR SAKSHI ASHOK	[Signature]
55	TIWARI VINAYKUMAR PRAMOD	[Signature]
56	TUDAME OMPRAKASH VALMIK	[Signature]
57	UPADHYAY SHIVAM ARVIND	[Signature]
58	VALVI ANUSHRI ISHWAR	[Signature]
59	YADAV MAHIMA LALCHAND	[Signature]

Coordinator

Principal



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Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Pharmacy

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Model Certificate





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Curriculum

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

SCHEDULE

Sr No.	Day & Date	Topic Covered	Name of the speaker
1	07/01/2019	<ul style="list-style-type: none">• Presentation skills• Communication Skills• Interpersonal skills• Work Phase Etiquette• Body Language	Prof. Shivpriya Achari
2	08/01/2019	<ul style="list-style-type: none">• Meeting/Telephonic/group Etiquette• Self Confidence• Positive Attitude• Conversation English	Prof. Shivpriya Achari
3	09/01/2019	<ul style="list-style-type: none">• Self-Motivation• Speech Frequency• Confidence Building• Report, Speaking Habits	Dr. Sunita Ogale
4	10/01/2019	<ul style="list-style-type: none">• Presentation Techniques• Time Management• Voice Modulation	Prog. Sagar Chaudhari
5	11/01/2019	<ul style="list-style-type: none">• Stress Management• Executive Corporate Attire	Prof. Sanghadeep Gajbhiye

Sagar
Co Ordinator



SIO
Principal





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Assessment Procedures

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VIVA institute of Pharmacy
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.
Add on /Certificate/Value added program
Assessment Sheet

Personality Development
Dates: 11/01/2019


Total Marks: 20
Time: 20 Mins.

Instructions:

- Each question carries 2 marks
- All questions are compulsory

I. Answer the following **20M**

- What is stress?
 - A state of relaxation
 - A natural response to a perceived threat or challenge
 - A form of meditation
 - A state of boredom
- Which coping strategy involves avoiding or ignoring stressful situations?
 - Problem-solving
 - Social support
 - Emotional release
 - Avoidance
- What is the term for a stress management technique that involves consciously focusing attention on the present moment?
 - Procrastination
 - Mindfulness
 - Self-criticism
 - Overthinking





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Add on /Certificate/Value added program
Assessment Sheet

Personality Development

Dates: 11/01/2019

Total Marks: 20

Time: 20 Mins.

- 4) How can maintaining a healthy lifestyle contribute to stress management?
 - a) By increasing stress levels
 - b) By promoting relaxation and overall well-being
 - c) By worsening physical symptoms of stress
 - d) By interfering with daily routines and responsibilities
- 5) What is the term for a stress management technique that involves breaking tasks into smaller, more manageable steps?
 - a) Procrastination
 - b) Time management
 - c) Prioritization
 - d) Goal setting
- 6) What is the primary role of a leader?
 - a) Issuing orders and commands
 - b) Controlling and supervising others
 - c) Inspiring and guiding others
 - d) Achieving personal success
- 7) What is the importance of effective communication in leadership?
 - a) It helps maintain control over subordinates.
 - b) It minimizes conflicts and disagreements.
 - c) It ensures compliance with rules and regulations.
 - d) It fosters understanding and collaboration.





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VIVA institute of Pharmacy

At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Add on /Certificate/Value added program

Assessment Sheet

Personality Development

Dates: 11/01/2019

Total Marks: 20

Time: 20 Mins.

- 8) Which leadership skill involves the ability to make sound and timely decisions?
- a) Strategic thinking
 - b) Communication
 - c) Conflict resolution
 - d) Decision-making
- 9) What is time management?
- a) Arranging appointments on a calendar
 - b) Planning how to divide time between activities
 - c) Completing tasks as quickly as possible
 - d) Setting strict schedules for each day
- 10) What is the first step in effective time management?
- a) Making a to-do list
 - b) Prioritizing tasks
 - c) Setting deadlines for each task
 - d) Identifying your goals





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Fundamentals of Dissolution

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

NAME OF THE COURSE: Certificate course Fundamentals of Dissolution

DATE OF COURSE: 03/12/2018 to 07/12/2018

TIME: 9.00am to 3.30 pm

DURATION: 30Hrs

➤ **Course Objectives:**

- 1) An overview of the different types of dissolution apparatus.
- 2) Provide an overview of the different types of dissolution apparatus & experimental set up.
- 3) Sampling analysis & Quality control and validation.

➤ **Course Outcome:**

Upon successful completion, students will have the knowledge about:

- 1) To understand the different types of dissolution apparatus
- 2) To understand different types of dissolution apparatus & experimental set up.
- 3) To understand Sampling analysis & Quality control and validation


Coordinator




Principal





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Pharmacy

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list of students enrolled (with signature of students)

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.
Academic Year 2018-19
LIST OF STUDENTS ENROLLED
Fundamentals of Dissolution
03/12/2018-07/12/2018
Duration: 30 Hours
Final Year B.Pharm

Roll No	Student Name	Sign
1	AHIRE RAJAN ASHOK PRAMILA	<i>Rajan</i>
2	ATTAR REHAN ABDULREHMAN SHABANA	<i>Rehan</i>
3	BADANI YASH BHAVIN ALKA	<i>Badani</i>
4	BADE SHEETAL SANJAY SULOCHNA	<i>Sheetal</i>
5	BANSODE TRUPTI MAHADEV SINDHU	<i>Trupti</i>
6	BARI BRIJAL NILESH JAGRUTI	<i>(B.Bari)</i>
7	BHADVIA DEEPAK SUNIL INDIRA	<i>Deepak</i>
8	BHAVSAR AASHRAY SATISH ROHINI	<i>Aashay</i>
9	CHAWDA VIDHI SHANTILAL RAMILA	<i>(V)</i>
10	CHIKANE SANKET SUBHASH SUMAN	<i>Sanket</i>
11	DESAI NEHA UDAYKUMAR SUVIDYA	<i>Neha</i>
12	DUBEY ABHILASH JAYPRAKASH	<i>Abhilash</i>
13	DUBEY AVINASH PHOOLCHANDRA GEETADEVI	<i>Avinash</i>
14	DUBEY SUNITA OMBIR PRABHAVATI	<i>Sunita</i>
15	GALA PRIYANKA SHAILESH BHAVANA	<i>P.S.Gadga</i>
16	GAONKAR SONAL SUNIL SUPRIYA	<i>S.S.G.</i>
17	GARDE SHRUTI SHRIPAT SHRADDHA	<i>Shruti</i>
18	GAUR RAJAT CHAMPALAL SEEMA	<i>Rajatga</i>
19	GUPTA HITEN SANTOSH SHOBHA	<i>Hitendra</i>
20	GUPTA POOJA DHANANJAY NITU	<i>Pooja</i>
21	GUPTA POOJA SADHU CHANDRAVATI	<i>Gupta</i>
22	GUPTA VIJAYA KASHIRAM NIRMALADEVI	<i>Vijaya</i>
23	JADHAV POOJA PANDHARI DWARKAMAE	<i>Pooja</i>
24	JADHAV SAYALI SANTOSH SUVARNA	<i>Sayali</i>
25	JAIN KRIPA NARENDRA MEENA	<i>Kripa</i>
26	JANA SHUBHAM UTTAM SUPRIYA	<i>Jana</i>
27	JHA VARSHA VIJAYKUMAR VIBHA	<i>Varsha</i>
28	KAMAT ADITI SHASHANT SANJANA	<i>Kamat</i>
29	KEGADE PRAJAKTA SANDEEP	<i>Prajakta</i>
30	KHAN UZMA JAVED REHANA	<i>Uzma</i>
31	KUMAWAT VIKASKUMAR DILIPKUMAR PANKIDEVI	<i>Kumawat</i>
32	LODH DEEPAK SHRIKRISHNA SAVITRI	<i>Deepak</i>
33	LOKE UJWALA BHIKAJI	<i>Ujwala</i>



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VIVA INSTITUTE OF PHARMACY
At. Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.
Academic Year 2018-19
LIST OF STUDENTS ENROLLED
Fundamentals of Dissolution
03/12/2018-07/12/2018
Duration: 30 Hours
Final Year B.Pharm

Roll No	Student Name	Sign
34	MEHTA JENIKA MAHESH JAGRUTI	
35	MISHRA ALOK SUBHASH USHA	
36	MISHRA VARSHA UMASHANKAR URMILA	
37	MORE ABHJEET GANPAT SINDHU	
38	MOURYA MANOJ RAMANAND NIRMALA	
39	PARKAR SHREYA DEVENDRA NEHA	
40	PARMAR TANVI PARESH JYOTI	
41	PATIL AKANKSHA ADHIKRAO CHHAYA	
42	PATIL MITESH HIMMAT ROSHANA	
43	PATIL VAISHNAVI VIKRANT JYOTI	
44	RANE KRITTIKA VINAYAK SUSHAMA	
45	RATHOD DEVKABAI PREMRAJ ANUSHYA	
46	SAHANI GAUTAM ANGAD SHIVKUMARI	
47	SAINI GAYATRI MOHAN RADHADEVI	
48	SALUNKHE SHEETAL MARUTI CHHAYA	
49	SANKHE PRACHI MANOJ MANISHA	
50	SAPKAL OMKAR RAHUL RAJESHREE	
51	SAWANT ARUNDHATI ASHOK ARUNA	
52	SHAH REVTI RAVINDRA RITA	
53	SHARMA HIMANSHU ARUN RITA	
54	SHEDHALA JAYDEEP SHAILESH VARSHABEN	
55	SHENDGE SUKRUTI ANANDRAO USHA	
56	SHINDE PRIYANKA KISHOR SMITA	
57	SINGH SANDEEP SATISH POONAM	
58	SOLANKI SANJAY CHIMANLAL DEVI	
59	SOPTA ATUL RAVINDRA SMITA	
60	TATE MAHADEV GOVINDRAO KAMAL	
61	TIWARI ROHIT DAYASHANKAR	
62	VALVI KALPESH KALU ELAVTI	
63	VANMALI MANDAR DILIP MANDA	
64	YADAV CHANDRESH RAGHUNATH BASANTI	
65	YADAV JYOTI HARISHANKAR SARSWATI	
66	YELAVE ADESH UTTAM URMILA	

Coordinator



Principal

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VIVA INSTITUTE OF PHARMACY

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Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2018-19

LIST OF STUDENTS ENROLLED

Fundamentals of Dissolution

03/12/2018-07/12/2018

Duration: 30 Hours

Third Year B.Pharm

Roll No	Name of the Student	Sign
1	ADE NITIN SURESH ASHA	<i>[Signature]</i>
2	ANGANE PRASAD CHANDRAKANT POOJA	<i>[Signature]</i>
3	APTEKAR VISHAKHA PRASHANT PRACHI	<i>[Signature]</i>
4	BAND MANDAR DEEPAK JYOTI	<i>[Signature]</i>
5	BHANUSHALI NIDHI NARESH PREETI	<i>[Signature]</i>
6	BHOSLE NEHA SACHINDRA KALPANA	<i>[Signature]</i>
7	CHAUDHARI TEJASWINI VINAYAK JYOTI	<i>[Signature]</i>
8	DESHPANDE RIDDHI YASHODHAN SMITA	<i>[Signature]</i>
9	DIXIT GARGI MANGESH SUREKHA	<i>[Signature]</i>
10	GHARAT RUCHITA RAM RUSHALI	<i>[Signature]</i>
11	GIJARE AKANKSHA BALU	<i>[Signature]</i>
12	GUPTA ANUP DILIP SAVITRI	<i>[Signature]</i>
13	GUPTA JAYESH RAMESH SONI	<i>[Signature]</i>
14	GUPTA RAKESH KANHAIYALAL INDRAVATI	<i>[Signature]</i>
15	JAIN RAJVI LALIT LATA	<i>[Signature]</i>
16	JOSHI KOMAL BAJRANG MANJU	<i>[Signature]</i>
17	JOSHI RUCHITA MAHESH VAISHALI	<i>[Signature]</i>
18	KAMBALE NAMRATA PRADEEP LATA	<i>[Signature]</i>
19	KAREKAR VAISHNAVI VISHWAS TANVI	<i>[Signature]</i>
20	KESARWANI SIMRAN ASHOK SANGEETA	<i>[Signature]</i>
21	KORE MIKHIL SANTOSH SUPRIYA	<i>[Signature]</i>
22	KORLEKAR PRANALI PRAMOD SNEHA	<i>[Signature]</i>
23	KUNDAP SHIVANI VIKAS SATYAVATI	<i>[Signature]</i>
24	MAINGADE NIKITA VASANT VARSHA	<i>[Signature]</i>
25	MASAL SHUBHANGI MAHADEV KANTA	<i>[Signature]</i>
26	MAURYA RAJESHWARI AKHILESH RAJKUMARI	<i>[Signature]</i>
27	MEHER ATMAJA ABHAY VANDANA	<i>[Signature]</i>
28	MISHRA RISHABH SANJAY MEERA	<i>[Signature]</i>
29	NOUDIYAL PRATIKSHA SUNIL VIDYAL	<i>[Signature]</i>
30	PAMECHA MEENAKSHI JITENDRA GEETA	<i>[Signature]</i>



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VIVA INSTITUTE OF PHARMACY

At. Shirgaon, Veer Sawarkar Road, Virar (E),

Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Academic Year 2018-19

LIST OF STUDENTS ENROLLED

Fundamentals of Dissolution

03/12/2018-07/12/2018

Duration: 30 Hours

Third Year B.Pharm

Roll No	Name of the Student	Sign
31	PARIHAR NIRAJ JIVRAM	NIRAJ
32	PATEL JAIMEEN JAYESH RITABEN	Jaimeen
33	PATIL DARSHAN KAMALAKAR USHA	Darshan
34	PATIL MRUNAL KUMAR KANCHAN	Mrunal
35	PATIL PRACHI PRAKASH ANJU	Prachi
36	PATIL TRUPTI BALKRISHNA SUNANDA	Trupti
37	PAWAR ALPIKA ASHOK ANITA	Alpika
38	PRAJAPATI SHUBHAM BANSHRAJ RITA	Shubham
39	RANE SAMARTH PRAMOD SANDHYA	Samarth
40	RUPARELIYA VIMAL PRAVINBHAI RASILABEN	Vimal
41	SANGLE TEJAL GAJNINATH BHIMABAI	Tejal
42	SHAIKH MAZAR ARIF RUKHSANA	Mazar
43	SHAIKH MOHD FAREED MOHD FIROZ ASIYA	Mohd Fareed
44	SHARMA MANISH KUMAR ARUN RITA	Manish
45	SHINDE PRACHI KISHOR KAVITA	Prachi
46	SHIRODKAR SANKET SUNIL SARITA	Sanket
47	SINGH RICHA MANOJ KIRAN	Richa
48	SINGH SHRISHTI VIRENDRA KIRAN	Shrishti
49	SURYAVANSHI KIRAN RAJU LAXMI	Kiran
50	SURYAVANSHI SHREYA DEEPAK MANISHA	Shreya
51	TAMHANKAR SAMPADA PRAKASH PRIYANKA	Sampada
52	TELANGHE TEJAS SURESH INDRAYANI	Tejas
53	TIWARI SHIKHA KRISHNA KUMAR SANJU	Shikha
54	UIKEY SANKET SHIVPRASAD REETA	Sanket
55	WAGHCHAURE PRANIT SUNIL MANISHA	Pranit
56	YADAV SACHIN RAJKUMAR RASILADEVI	Sachin
57	YADAV SURAJ SABHAJEET RENU	Suraj

NPK
Co ordinator



SW
Principal

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Model Certificate





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Curriculum

Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF PHARMACY
At: Shirgaon, Veer Sawarkar Road, Virar (E),
Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

SCHEDULE

Sr No	Day & Date	Topic Covered	Name of the speaker
1	03/12/2018	Introduction to Dissolution Testing Apparatus Overview Instrumentation and Components Experimental Setup Test Conditions and Procedures	Prof. Sanghadeep Gajbhiye
2	04/12/2018	Sampling and Analysis Dissolution Profiles Regulatory Requirements	Prof. Priti Patil Prof. Akkshata Parab
3	05/12/2018	Quality Control and Validation Challenges and Troubleshooting	Prof. Neha Laxane Prof. Pallavi Duse
4	06/12/2018	In Vitro-In Vivo Correlation (IVIVC) Case Studies and Applications	Prof. Sushruta Mulay
5	07/12/2018	Recent Advances and Technologies Future Directions and Challenges Questions and Discussion	Prof. Sanghadeep Gajbhiye

✦ Note: Practical demonstrations are scheduled in post lunch session


Coordinator




Principal






Assessment Procedures

Late Shri Vishnu Waman Thakur charitable Trust's
VIVA institute of Pharmacy
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Add on /Certificate/Value added program
Assessment Sheet

Fundamentals of Dissolution **Total Marks: 20**
Date: 07/12/2018 **Time: 30 Mins.**
Multiple-Choice Questions:

- The reaction-limited dissolution can be explained by**
 - Interfacial barrier model
 - Danckwert model
 - Noyes-Whitney Relationship
 - a and b
- Interfacial barrier model is also known as**
 - Limited solvation theory
 - Danckwert model
 - Noyes-Whitney Relationship
 - Hixon-Crowell Cubic Root Law
- Which of the following is the limiting step in drug dissolution according to Interfacial barrier model?**
 - Interfacial Transport
 - Diffusion
 - Solubility
 - Particle Size
- Absorption of drug from solid oral dosage forms is mainly influenced by ____ of the solid dosage form.**
 - solubility
 - disintegration
 - particle size
 - partition coefficient





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VIVA Institute of Pharmacy

At. Shirgaon, Veer Sawarkar Road, Virar (E),

Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Add on /Certificate/Value added program

Assessment Sheet

Fundamentals of Dissolution

Date: 07/12/2018

Total Marks: 20

Time: 30 Mins.

5. Which of the following are important parameters in the absorption of drug?
- dissolution
 - permeation
 - both of these
 - none of these
6. Dissolution is the physicochemical process by which a solid substance enters the solvent phase to yield a solution and is a key prerequisite for any orally administered drug (as a solid dosage form) to be systemically effective.
- true
 - false
7. Drug dissolution is a _____ process involving heterogeneous reactions at the solid-liquid interphase.
- single step
 - multi step
 - linear
 - all of these
8. The mechanism of dissolution could be explained by
- reaction limited model
 - diffusion-limited model
 - both of these
 - none of these





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Late Shri Vishnu Waman Thakur charitable Trust's

VIVA institute of Pharmacy

At. Shirgaon, Veer Sawarkar Road, Virar (E),

Taluka: Vasai, Dist. Palghar-401305, Maharashtra.

Add on /Certificate/Value added program

Assessment Sheet

Fundamentals of Dissolution

Date: 07/12/2018

Total Marks: 20

Time: 30 Mins.

9. Dissolution is considered to be a reaction between the undissolved species (solid) and the dissolution medium (liquid) in which of the following model?
- a) Reaction-Limited Model
 - b) Diffusion-Limited Model or Film Theory
 - c) both of these
 - d) none of these
10. Constantly renewed macroscopic packets of solvent, called eddy, reach the surface of the solid and absorb the molecule of the solute, delivering them to the bulk solution occurs according to which model?
- a) Limited solvation theory
 - b) Danckwert model
 - c) Noyes-Whitney Relationship
 - d) Hixon-Crowell Cubic Root Law

