

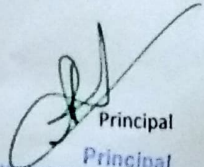
**1.2.2 Details of each program:  
Name of the program, duration ,  
list of students enrolled,  
Curriculum, assessment procedures**

**VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH  
NARSAPUR, MEDAK DIST. 502313**

**Add on /Certificate programs offered during the Ac. Yr. 2018-19**

<b>Name of Add on /Certificate programs offered</b>	<b>Name of the faculty participated in the design and development of curriculum for add on certificate diploma courses</b>	<b>Total number of hours of course</b>	<b>Duration of course</b>	<b>Number of students enrolled in the year</b>
Pharmacovigilance	Mr.P.Rajshekar	58 hrs	7 DAYS	60
Training on soft skill development	Dr. K. Ramanjaneyulu	32 hrs	7 DAYS	61
Molecular Docking Studies	Dr. D appaji	40 hrs	6 DAYS	48
Intellectual Learning for Pharmaceutical Practices	Mr.D.Prasanna kumar	36 hrs	6 DAYS	63
Chemical Engineering Bridge course	Ms.P.Durga Bhavani	72 hrs	6 MONTHS	26
Biomedical Engineering interdisciplinary course	Dr.SVSM Lakshmi	72 hrs	6 MONTHS	92



  
 Principal

Principal  
**VISHNU INSTITUTE OF PHARMACEUTICAL  
 EDUCATION & RESEARCH**  
 Vishnupur, Narsapur, Medak Dist - 502313, T.S.



VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

Narsapur, Medak Dist-502313, TS

VALUE ADDED COURSE ON TRAINING ON SOFT SKILL DEVELOPMENT  
Students list

AC.YEAR : 2018-2019

S. No.	Name of the student	Roll Number
1	Nayni Divya	16DH1R0001
2	Pathi Nandeeshwar	16DH1R0002
3	Afsha sulthana	16DH1R0004
4	Akella lakshmi swathi	16DH1R0005
5	Appala divya	16DH1R0006
6	Avusaala Gayathri	16DH1R0008
7	Begari Shyamala	16DH1R0010
8	Bemanapally Srineela	16DH1R0011
9	Boddula Renuka	16DH1R0012
10	Burugula Sparsha	16DH1R0015
11	Ch Shirisha	16DH1R0016
12	Chilumula Manideep	16DH1R0018
13	Chitukula Priyanka	16DH1R0020
14	Daliparthi Saipriya	16DH1R0021
15	Eldi Swetha	16DH1R0026
16	Gadivenuka Srihari	16DH1R0027
17	Gaikwod Vamshi	16DH1R0028
18	Goparapu Shrutha Keerthi	16DH1R0030
19	J Sowjanya	16DH1R0034
20	Jangiti Teja	16DH1R0035
21	K Harshita	16DH1R0036
22	Kalepu Eswar Krishna Sai	16DH1R0038
23	Kalidindi Navya	16DH1R0039
24	Kancha Shirisha	16DH1R0042
25	Kappala Swetha	16DH1R0043
26	Karankota Anandha Mahalaxmi	16DH1R0044
27	Kothagadi Sowmya	16DH1R0046
28	Kothamaddi Jyothsna	16DH1R0047
29	Kulkarni Sri Laxmi	16DH1R0048
30	Machunur Nagalaxmi	16DH1R0050

31	Mudimala Pravallika	16DH1R0058
32	Mudunuri Tanuja	16DH1R0059
33	Neerudi Ashwini	16DH1R0063
34	Neerudi Sujeevan	16DH1R0064
35	Neha Tarannum	16DH1R0065
36	Noothi Navya	16DH1R0066
37	Patlolla Tejashwini Reddy	16DH1R0070
38	Patlolla Ramya Reddy	16DH1R0071
39	Potluri Kalyani	16DH1R0073
40	R Sai Mahalakshmi	16DH1R0075
41	Ragulapally Sai Charan	16DH1R0076
42	P Sai Srija	16DH1R0080
43	Shaik Asma	16DH1R0082
44	Sheshan supritha	16DH1R0083
45	Shouvik Ray	16DH1R0084
46	Sk Neha Afrin	16DH1R0086
47	Thurpu Srikanth	16DH1R0090
48	T. Sneha Reddy	16DH1R0092
49	U. Narsimha	16DH1R0093
50	V Adithi	16DH1R0094
51	Vadla tejaswi	16DH1R0096
52	Vadthya kiran kumar	16DH1R0097
53	Valluri Pavan Saikishore	16DH1R0098
54	Vottipally Sindhu Priya	16DH1R0099
55	Yasaswini Ramya	18DH8R0001
56	Ashmitha	16GA1R0010

Principal  
Vishnu Institute of Pharmaceutical  
Education & Research  
Narsapur, Medak dist -502313

**VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH**

BVRIT, Vishnupur, Narsapur, Medak Dist - 502 313



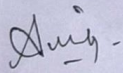
Training Program  
on

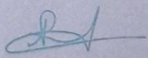


**"Training on Soft Skill Development"**

**Certificate of Participation**

This is to certify that Mr. / Ms. ELDI SWETHA of  
III<sup>rd</sup> YEAR B-PHARMACY has  
participated as a Participant in Training program on "Soft Skill Development" conducted by VEDIC.

  
Jabaselvi.A  
Trainer - VEDIC

  
Dr. A Ramesh,  
Principal  
Principal  
Vishnu Institute of Pharmaceutical  
Education & Research  
Narsapur, Medak dist -502313

# Certificate course of Training on soft skill development

## Purpose

The purpose of learning soft skill is to improve the performance of individuals by upgrading their knowledge, improving their abilities, and enhancing their enthusiasm and dedication. Also, to change their behaviour as a result of the things they have learned.



## Objective

- Understand how measures affect behaviors and thus the achievement of objectives
- Evaluate and improve Communication Skills
- Conveying information in an engaging and interactive way
- Exploring team work
- Emotional Intelligence

At the end of the program students will be able to

- Inspire everyone around them, bringing out the best in everyone.
- Improve working relationships by overcoming communication barriers
- Create a positive working environment
- through proactive discussions
- Keep their discussions focused on clear outcomes

## Methodology

The course follows a facilitation methodology rather than a classical training process, by helping the participants to think, reflect, being proactive through open and candid discussion and practice right away the concepts learned. The methodology though combines instructions with frequent reference to real case scenarios, video/movies accompanied with pre-work and after work.

The training modules are intended to be as practical and interactive, aiming the desired impact on behaviour change. The content will be tailored to meet the needs of the client.



## **Curriculum design**

### **Module-1 (8hrs)**

- Communication skills 1: The basics
- Communication skills 2 : Presentation and interaction
- Communication skills 3: Visual, nonverbal and aural communication

### **Module-2 (8hrs)**

- Interpersonal communication 1: Individuals, groups and cultures
- Interpersonal communication 2: Emotional and social skills

### **Module-3 (8hrs)**

- Developing key traits 1: Creativity, critical thinking and problem solving
- Developing key traits 2: Motivation, persuasion, negotiation and leadership

### **Module-4 (8hrs)**

- Essential and vocational skills: survival strategies



## VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

Narsapur, Medak, Telangana 502313

Date: 31/07/2018

### REPORT

**Name of the program: Training on soft skill development**

**Duration: 4 Day**

**Resource person:** Mrs. Jabaselvi  
Behaviour Specialist  
VEDIC  
Hyderabad

Vishnu Institute of Pharmaceutical Education & Research, Narsapur, organized 4 day certificate program on "**Training on soft skill development**" from 28/07/2018 to 31/07/2018 Mrs. Jabaselvi, Behaviour Specialist, VEDIC, Hyderabad was the instrumental of this program. A total of 50 students participated in this program. After completing this program, students were able to comprehend the objectives and learning outcomes indicated below.

#### **Objectives**

- To encourage the all round development of students by focusing on soft skills.
- To make the engineering students aware of the importance, the role and the content of soft skills through instruction, knowledge acquisition, demonstration and practice.
- To develop and nurture the soft skills of the students through individual and group activities.
- To expose students to right attitudinal and behavioral aspects and to build the same through activities

#### **Outcome**

Students will be able to

- Effectively communicate through verbal/oral communication and improve the listening skills
- Write precise briefs or reports and technical documents
- Become more effective individual through goal/target setting, self motivation and practicing creative thinking
- Function effectively in multi-disciplinary and heterogeneous teams through the knowledge of team work, Inter-personal relationships, conflict management and leadership quality.

All the students, found the training to be extremely beneficial, and they all gave favourable feedback. Finally, the Principal, Dr.A. Ramesh thanked the resource person and congratulated all participants for making the program a success.

  
Coordinator



  
Principal  
Principal  
Vishnu Institute of Pharmaceutical  
Education & Research  
Narsapur, Medak dist -502313

**VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH**  
Narsapur, Medak Dt. 502313, TS

**Certificate course on Training on soft skill development**  
**AC.YEAR: 2018-2019**

**Students List**

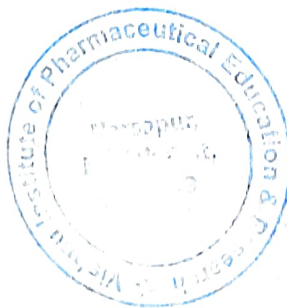
<b>S. No.</b>	<b>Roll Number</b>	<b>Name of the student</b>	<b>Marks Obtained</b>
1.	16DH1R0001	Nayni Divya	22
2.	16DH1R0002	Pathi Nandeeshwar	21
3.	16DH1R0008	Avusaala Gayathri	16
4.	16DH1R0010	Begari Shyamala	18
5.	16DH1R0011	Bemanapally Srineela	17
6.	16DH1R0012	Boddula Renuka	17
7.	16DH1R0015	Burugula Sparsha	15
8.	16DH1R0016	Ch Shirisha	15
9.	16DH1R0018	Chilumula Manideep	16
10.	16DH1R0020	Chitukula Priyanka	18
11.	16DH1R0021	Daliparthi Saipriya	13
12.	16DH1R0026	Eldi Swetha	14
13.	16DH1R0027	Gadivenuka Srihari	15
14.	16DH1R0028	Gaikwod Vamshi	19
15.	16DH1R0030	Goparapu Shrutha Keerthi	20
16.	16DH1R0034	J Sowjanya	21
17.	16DH1R0035	Jangiti Teja	20
18.	16DH1R0036	K Harshita	23
19.	16DH1R0038	Kalepu Eswar Krishna Sai	21
20.	16DH1R0039	Kalidindi Navya	14
21.	16DH1R0042	Kancha Shirisha	15
22.	16DH1R0043	Kappala Swetha	16
23.	16DH1R0044	Karankota Anandha Mahalaxmi	21
24.	16DH1R0046	Kothagadi Sowmya	21
25.	16DH1R0047	Kothamaddi Jyothsna	20
26.	16DH1R0048	Kulkarni Sri Laxmi	20
27.	16DH1R0050	Machunur Nagalaxmi	23
28.	16DH1R0058	Mudimala Pravallika	20
29.	16DH1R0059	Mudunuri Tanuja	22
30.	16DH1R0063	Neerudi Ashwini	21
31.	16DH1R0064	Neerudi Sujeevan	15
32.	16DH1R0065	Neha Tarannum	16
33.	16DH1R0066	Noothi Navya	18
34.	16DH1R0070	Patllola Tejashwini Reddy	15
35.	16DH1R0071	Patlolla Ramya Reddy	1
36.	16DH1R0073	Potluri Kalyani	19
37.	16DH1R0075	R Sai Mahalakshmi	19
38.	16DH1R0076	Ragulapally Sai Charan	18

39.	16DH1R0080	P Sai Srija	18
40.	16DH1R0082	Shaik Asma	16
41.	16DH1R0084	Shouvik Ray	18
42.	16DH1R0086	Sk Neha Afrin	19
43.	16DH1R0090	Thurpu Srikanth	15
44.	16DH1R0092	T. Sneha Reddy	15
45.	16DH1R0093	U. Narsimha	19
46.	16DH1R0094	V Adithi	18
47.	16DH1R0098	Valluri Pavan Saikishore	17
48.	16DH1R0099	Vottipally Sindhu Priya	17
49.	16GA1R0010	Ashmitha	18
50.	18DH8R0001	Yasaswini Ramya	19



**COURSE COORDINATOR**

**PRINCIPAL**



Principal  
**VISHNU INSTITUTE OF PHARMACEUTIC  
EDUCATION & RESEARCH**  
Vishnupur, Natsapur, Medak Dist - 502313 -



VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

Narsapur, Medak Dist-502313, TS

Ac. Year: 2018-2019

VALUE ADDED COURSE ON INTELLECTUAL LEARNING FOR PHARMACEUTICAL PRACTICES

LIST OF STUDENTS

S.NO	NAME OF THE STUDENT	ROLL NUMBER
1	BOJJA SANIYA	17DH1R0001
2	GATTU SRIVALLI	17DH1R0002
3	K SREE VARSHA	17DH1R0003
4	KALLEM BAHARGAVI	17DH1R0004
5	P TARUN	17DH1R0008
6	SHIVAGARI SAHITHI REDDY	17DH1R0011
7	SIRNA VARSHA	17DH1R0012
8	SUDOLLA SHILPA	17DH1R0013
9	ALISHA ELSA ISAN	17DH1R0015
10	AUSULA PRANAVI	17DH1R0020
11	AVUSULA SHRAVANI	17DH1R0021
12	A AKHILA REDDY	17DH1R0022
13	BETHI ABHILASH REDDY	17DH1R0030
14	DANDEM SAI KUMAR	17DH1R0037
15	DHANDAPANI LEBIKA	17DH1R0038
16	D BHANUPRASAD	17DH1R0039
17	D SAHITHI REDDY	17DH1R0042
18	GADDAM BHASKAR	17DH1R0043
19	GANESUNI MANASA TULASI	17DH1R0047
20	G DEEKSHITHA REDDY	17DH1R0048
21	GOLUSULA YUVARAJ	17DH1R0049
22	GUDALA SUSHMITHA GOUD	17DH1R0050
23	JAVERIYA KHANAM	17DH1R0052
24	KADALI BHAVISHYA	17DH1R0053
25	KASAM HARIKA	17DH1R0055
26	KORMANI PRADEEP	17DH1R0059
27	KOTHA NAVANEETHA	17DH1R0060
28	M SUPRATHIKA	17DH1R0062
29	MALLAK RAJA PRASAD	17DH1R0063

30	MANGALI AKSHITHA	17DH1R0065
31	N SINDHU	17DH1R0072
32	NANDI SWETHA	17DH1R0073
33	NIMMALA GAYATHRI	17DH1R0075
34	VANCHA RISHITHA	17DH1R0097
35	VARALAKSHMI GOPULARAM	17DH1R0098
36	VEERSHETTY VANDANA	17DH1R0099
37	YELLANAGARI SINDHU	17DH1R00A0

Principal  
Vishnu Institute of Pharmaceutical  
Education & Research  
Narsaraopeta dist -802313

VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH  
Narsapur, Medak Dt. 502313

ATTENDENCE SHEET

Course Title: Intellectual Learning for Pharmaceutical Practices

Delivered By: MR. D. PRASANNA KUMAR .

Class: II YEAR I SEMESTER B.PHARMACY

AC .YEAR: 2018-2019

S.NO	NAME OF THE STUDENT	ROLL NUMBER	DATE:02-07-2018	DATE:03-07-2018	DATE:04-07-2018	DATE:05-07-2018
1	BOJJA SANIYA	17DH1R0001	Saniya	Sainya	Ab	Sainya
2	GATTU SRIVALLI	17DH1R0002	Ab	Srivalli	Srivalli	Ab
3	K SREE VARSHA	17DH1R0003	Varsha	Ab	Varsha	Varsha
4	SHIVAGARI SAHITHI REDDY	17DH1R0011	Sahithi	Sahithi	Sahithi	Sahithi
5	SIRNA VARSHA	17DH1R0012	Ab	Varsha	Varsha	Ab
6	SUDOLLA SHILPA	17DH1R0013	Shilpa	Shilpa	Ab	Shilpa
7	ALISHA ELSA ISAN	17DH1R0015	Elsa Isan	Elsa Isan	Elsa Isan	Ab
8	AUSULA PRANAVI	17DH1R0020	Pranavi	Ab	Pranavi	Pranavi
9	AVUSULA SHRAVANI	17DH1R0021	Shravani	Shravani	Shravani	Shravani
10	A AKHILA REDDY	17DH1R0022	Ab	Akhila	Akhila	Akhila
11	BETHI ABHILASH REDDY	17DH1R0030	<del>Abhilash</del>	Abhilash	Abhi	Abhi
12	DANDEM SAI KUMAR	17DH1R0037	Sai	Ab	Sai	Ab
13	DHANDAPANI LEBIKA	17DH1R0038	Lebika	Lebika	Lebika	Lebika
14	D BHANUPRASAD	17DH1R0039	Ab	Bhanu	Bhanu	Bhanu
15	D SAHITHI REDDY	17DH1R0042	<del>Sahithi</del>	<del>Sahithi</del>	<del>Sahithi</del>	<del>Sahithi</del>
16	GADDAM BHASKAR	17DH1R0043	Bhaskar	Ab	Bhaskar	Ab
17	GANESUNI MANASA TULASI	17DH1R0047	Manasa	Manasa	Manasa	Ab

18	G DEEKSHITHA REDDY	17DH1R0048	Deeksh	Deek	Deeksh	Deeksh
19	GOLUSULA YUVARAJ	17DH1R0049	Ab	Paj	Paj	Paj
20	GUDALA SUSHMITHA GOUD	17DH1R0050	Shu	Shu	Shu	Ab
21	JAVERIYA KHANAM	17DH1R0052	Shu	Shu	Shu	Shu
22	KADALI BHAVISHYA	17DH1R0053	Ab	Bhes	Ab	Phy
23	KASAM HARIKA	17DH1R0055	Har	Harik	Shu	Ab
24	KORMANI PRADEEP	17DH1R0059	Pra	Ab	Pra	Ab
25	KOTHA NAVANEETHA	17DH1R0060	Koth	Koth	Kotha	Ab
26	M SUPRATHIKA	17DH1R0062	Ab	Supr	Ab	Supra
27	MALLAK RAJA PRASAD	17DH1R0063	Raja	Raja	Raja	Ab
28	MANGALI AKSHITHA	17DH1R0065	Ab	Akshi	Ab	Akshi
29	N SINDHU	17DH1R0072	Sin	Sind	Sindhu	Ab
30	NANDI SWETHA	17DH1R0073	Sweth	Ab	Swetha	Swetha
31	NIMMALA GAYATHRI	17DH1R0075	Gayathri	Gayathri	Gayathri	Gayathri
32	VANCHA RISHITHA	17DH1R0097	Ab	Rishi	Ab	Rishi
33	VARALAKSHMI GOPULARAM	17DH1R0098	Lakshmi	Laksh	Lakshmi	Ab
34	VEERSHETTY VANDANA	17DH1R0099	Vandan	Vandana	Vandana	Ab
35	YELLANAGARI SINDHU	17DH1R00A0	Ab	Sindhu	Ab	Sindhu

D. Panikur

Course Co-Ordinator



Principal

Principal  
**VISHNU INSTITUTE OF PHARMACEUTICAL  
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**VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH**

Vishnupur, Narsapur, Medak Dist - 502 313



**Training Program**

entitled

“Intellectual Learning - Pharmaceutical Practices”

## **Certificate of Participation**

This is to certify that Mr. / Ms.  SIRNA VARSHA of

II<sup>nd</sup> YEAR B-PHARMACY has participated as a Participant

in Certificate Course entitled “Intellectual Learning - Pharmaceutical Practices” from 02-07-2018 to 05-07-2018 at VI PER.

D. Prasanna Kumar

Associate Professor, VIPER



Dr. A. Ramesh,

Principal



**VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH**

Vishnupur, Narsapur, Medak Dist - 502 313



Training Program  
entitled

“Intellectual Learning - Pharmaceutical Practices”

## Certificate of Participation

This is to certify that Mr. / Ms. <sup>✓</sup> GATTU SRIVALLI of  
IV <sup>★</sup> YEAR B-PHARMACY has participated as a Participant

in Certificate Course entitled “Intellectual Learning - Pharmaceutical Practices” from 02-07-2018 to 05-07-2018 at VI PER.

D. Prasanna Kumar

Associate Professor, VIPER

Dr. A Ramesh,

Principal


Vishnu Institute of Pharmaceutical  
Education & Research  
Narsapur, Medak dist -502313

**VALUE ADDED COURSE ON MOLECULAR DOCKING STUDIES**

**ATTENDANCE SHEET**

AC.YEAR: 2018-2019.

S.NO.	NAME OF THE STUDENT	ROLL NO.
1	ARDHAM NIVEDITHA REDDY	17DH1S0401
2	BAIKADI SANTHOSH KUMAR	17DH1S0403
3	BEGARI SUJEEVAN RAJ	17DH1S0404
4	BODA NAVYA	17DH1S0405
5	CHALLA VEENA REDDY	17DH1S0406
6	N PRAVEEN KUMAR	17DH1S0408
7	PEDDAGOLLA LOKESHWARI	17DH1S0410
8	PENMATHSA VINEETHA	17DH1S0411
9	PILLAMULA SHAILAJA	17DH1S0412
10	NADAR SHRAVAN KUMAR	17DH1S0414



**Principal**  
Vishnu Institute of Pharmaceutical  
Education & Research  
Narsapur, Medak dist -502313

## **Curriculum design**

### **Unit - 1 Introduction of Molecular Docking (8hrs)**

- Introduction to molecular docking
- Understanding the structure of protein
- Understanding the active site of a protein
- Understanding the ligand structure
- Protein ligand interactions

### **Unit - 2 Conventional to Modern Drug Design (8hrs)**

- Drug design
- Shift from traditional to computational biology
- Computer aided design and drafting
- Structure based drug design
- Virtual screening
- Structure based virtual screening
- Work-flow of multi-stage drug designing

### **Unit - 3 Molecular Docking Techniques (8hrs)**

- Workflow of molecular docking
- Molecular docking theory
- Ligand induced conformation
- Molecular docking task
- Molecular docking programs

### **Unit - 4 Types of docking (8hrs)**

- Protein ligand docking with example
- Protein-Protein docking with example
- Protein-Peptide docking with example
- Protein-DNA docking
- Protein-RNA docking

### **Unit - 5 Modes of Docking (8hrs)**

- Rigid docking
- Semi-Flexible docking
- Flexible Ligand, Rigid Protein
- Challenges of protein ligand docking
- Sampling techniques



**VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH**  
Narsapur, Medak, Telangana 502313

Date: 31/12/2018

**MOLECULAR DOCKING STUDIES**

**Preamble:**

Molecular docking has become an increasingly important tool for drug discovery. In this course, we provide a brief introduction of the available molecular docking methods, and their development and applications in drug discovery.

**Objectives**

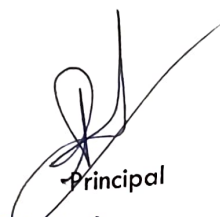
- To give a prediction of the ligand-receptor complex structure using computation methods.
- To identify novel and potent ligands and binding affinity
- To interpret docking results

**RESOURCE PERSON & PROGRAM COORDINATOR**

Dr. D. Appaji,  
Associate Professor,  
Department of Pharmaceutical Analysis & QA  
Vishnu Institute of Pharmaceutical Education & Research  
Narsapur, Medak,  
Telangana-502313

**Student Coordinators**

A. Niveditha Reddy  
N. Praveen Kumar



Principal

**Principal**  
**VISHNU INSTITUTE OF PHARMACEUTICAL  
EDUCATION & RESEARCH**  
Vishnupur, Narsapur, Medak Dist - 502313. T.S.

**VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH**  
Narsapur, Medak Dt. 502313

**ATTENDANCE SHEET**

**Course Title: Molecular Docking Studies**

**Delivered By:**

**Class: I YEAR I SEMESTER M.PHARMACY**

**AC .YEAR: 2018-2019**

S.NO.	NAME OF THE STUDENT	ROLL NO.	DATE:02-01-2019	DATE:03-01-2019	DATE:04-01-2019	DATE:05-01-2019	DATE:06-01-2019
1	ARDHAM NIVEDITHA REDDY	17DH1S0401	Niveditha	Niveditha	Ab	Niveditha	Niveditha
2	BAIKADI SANTHOSH KUMAR	17DH1S0403	Ab	Shy	Shy	Shy	Shy.
3	BEGARI SUJEEVAN RAJ	17DH1S0404	Suj	Ab	Ab.	Suj	Suj
4	BODA NAVYA	17DH1S0405	Veena	Veena	Veena	Ab	Veena
5	CHALLA VEENA REDDY	17DH1S0406	Ab	Pray	Pray	Pray	Pray
6	NALLAMADUGU PRAVEEN KUMAR	17DH1S0408	Pray	Pray	Pray	Ab.	Pray
7	PEDDAGOLLA LOKESHWARI	17DH1S0410	Lux	Lux	Ab	Lux	Lux
8	PENMATHSA VINEETHA	17DH1S0411	Vineetha	Vineetha	Vineetha	Ab	Ab.
9	PILLAMULA SHAILAJA	17DH1S0412	Sury	Ab	Sury	Sury	Ab.
10	NADAR SHRAVAN KUMAR	17DH1S0414	Shy	Ab.	Shy	Shy	Shy

  
Course Co-Ordinator



  
Principal

**Principal**  
**VISHNU INSTITUTE OF PHARMACEUTICAL**  
**EDUCATION & RESEARCH**  
Vishnupur, Narsapur, Medak Dist - 502313. T

Training Program  
entitled  
"Molecular Docking Studies"

## Certificate of Participation

This is to certify that Mr. / <sup>✓</sup>Ms. BODA NAVYA of  
I<sup>st</sup> YEAR M-PHARMACY has participated as a

Participant in Certificate Course entitled "Molecular Docking Studies" from 02-01-2019 to 06-01-2019 at VIPER.



D.Appaji

Assoc. Professor



Dr. A Ramesh,

Principal

Vishnu Institute of Pharmaceutical  
Education & Research  
Narsapur, Medak dist -502313

## CERTIFICATE PROGRAM ON MOLECULAR DOCKING STUDIES

### Challenges in Molecular Docking

- Ligand chemistry
- Receptor flexibility
- Scoring function



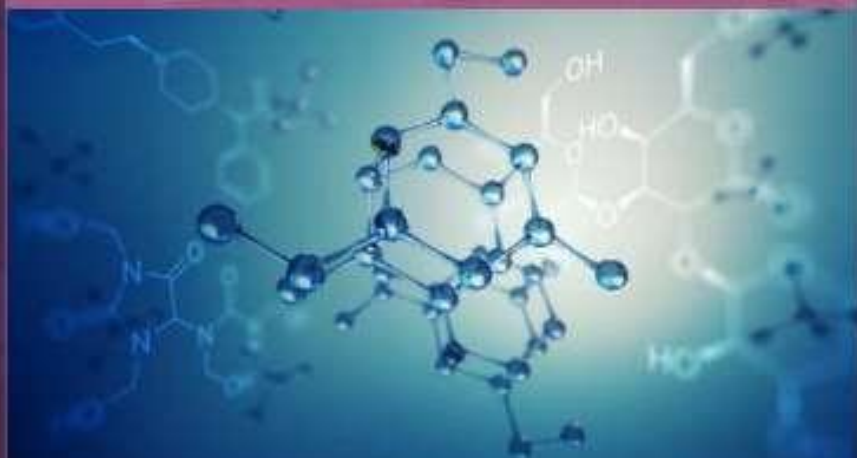
#### Abstract

Molecular docking is a kind of bioinformatic modelling which involves the interaction of two or more molecules to give the stable adduct. Depending upon binding properties of ligand and target, it predicts the three-dimensional structure of any complex. Molecular docking generates different possible adduct structures that are ranked and grouped together using scoring function in the software. Docking simulations predict optimized docked conformer based upon total energy of the system. In spite of all potential approaches, ligand chemistry (tautomerism and ionization), receptor flexibility (single conformation of rigid receptor) and scoring function differentiate true binding mode still remained the challenge.

Date :- 02/01/2019 to  
06/01/2019

### Approaches of Molecular Docking

- Simulation approach
- Lead optimization
- Hit identifications
- Drug-DNA interaction
- Shape complementarity approach





VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH  
Narsapur, Medak, Telangana 502313

Date: 08/01/2019

## REPORT

Name of the program: Molecular docking

Duration: 5 days

Resource person: Dr. D.Appaji  
Associate Professor,  
Department of Pharmaceutical chemistry  
VIPER

Vishnu Institute of Pharmaceutical Education & Research, Narsapur, organized one week certificate program on “**Molecular docking**” from 02/01/2019 to 06/01/2019 Dr. D.Appaji Associate Professor, Department of Pharmaceutical chemistry was instrumental of this program. A total of 10 students participated in this program. After completing this program, students were able to comprehend the objectives and learning outcomes indicated below.

### Objectives

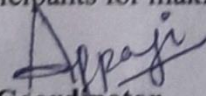
- To give a prediction of the ligand-receptor complex structure using computation methods.
- To identify novel and potent ligands and binding affinity
- To interpret docking results

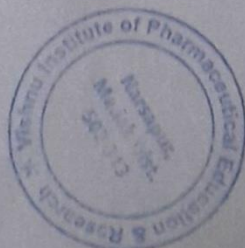
### Outcomes

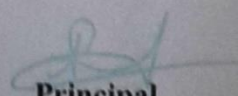
Students will be able to

- Recognize the different types of intermolecular forces and identify them on amino acids.
- Explain the factors that are used to design drug molecules for a protein target.
- Predict how the primary sequence structure of a protein affects its function
- Give examples of how computer simulations are applied to chemistry.

All the students, found the training to be extremely beneficial, and they all gave favorable feedback. Finally, the Principal, Dr.A. Ramesh thanked the resource person and congratulated all participants for making the program a success.

  
Coordinator



  
Principal  
Principal  
Vishnu Institute of Pharmaceutical  
Education & Research  
Narsapur, Medak dist -502313



Vishnu Institute of Pharmaceutical Education and Research  
Narsapur, Medak District – 502 313, TS


Pharmacovigilance Certificate course

Students list

Ac.Year: 2018-19

S.NO	ROLL NUMBER	NAME OF THE STUDENT
1	15DH1R0073	P. KOMAL REDDY
2	15DH1R0063	MUPPIDI SAI MANISHA
3	15CJ1R0014	V SWATHI
4	15DH1R0053	MEESALA SHIVANI
5	15DH1R0064	MUTHYAM BHAVYA
6	15DH1R0052	MEDHARI VIJAY KUMAR
7	15DH1R0074	PERUMBUDURI VAISHNAVI
8	15DH1R0095	V .TRIVENI
9	15DH1R0024	GAJBINKAR SRAVANTHI

  
COORDINATOR

  
PRINCIPAL  
Principal  
Vishnu Institute of Pharmaceutical  
Education & Research  
Narsapur, Medak district - 502313



Vishnu Institute of Pharmaceutical Education and Research  
Narsapur, Medak District – 502 313, TS

**VISHNU**  
UNIVERSAL LEARNING

## CIRCULLUM FOR THE AC. YEAR 2018-19

S.No	Module	Time
1	Over All CR perspective	2 hours
2	CR Topics Day 1	2 hours
3	CR Topics Day 2	2 hours
4	CDM Topics Day 1	2 hours
5		
6	CDM Topics Day 2	2 hours
7		
8	CR Topics Day 3	3 hours
9	RA Topics	3 hours
10	CR Topics Day 4	3 hours
11	RA Topics	3 hours
12	CDM Topics Day 3	2 hours
13	CDM Topics Day 4	2 hours
14	CDM Topics Day 5	2 hours
15	PV Topics Day 2	2 hours
16	CDM Topic -Mock Interviews & Presentations	2 hours
17	CR Revision Classes	2 hours
18	PV Topics Day 1	2 hours
19	PV Topics Day 2	2 hours
20	PV Topics Day 3	2 hours
21	PV Topics Day 4	3 Hours
22	Mid Mock Interview	2 Hours
23	Back up Day	2 hours
24	Final Assessment - Mock Interviews	2 hours
27	PV Topics Day 5	2 hours
28	PV Topics Day 6	2 hours
29	SOFT SKILLS TRAINING Day 1	2 hours
30	SOFT SKILLS TRAINING Day 2	2 hours



# Certificate program of Pharmacovigilance



## Program Review

The course's aim is to develop pharmacovigilance knowledge and skills in pharmacy students relating to the collection, detection, assessment, monitoring, and prevention of adverse effects with pharmaceutical products. Academic and industry specialists will deliver lectures and hands-on training sessions. The field offers a great career scope for and Pharmacy graduates.

DATE : 30-01-2020 to 29-02-2020

### CAREERS IN PHARMCOVIGILANCE

It is a scientific discipline that is primarily concerned with reporting and analysing of drug side effects. It is primarily due to the work of these professionals that the drugs in the market that we consume are mostly safe, and those that are found harmful are taken off the market. Following a report of a drug adverse effect, these specialists enter the information into relevant databases, follow up on the case to acquire more information, and send the reports to regulatory authorities and other relevant agencies. Pharmacovigilance professionals identify signals in data that may indicate a possible side effect and investigate the situation further.

### JOB RESPONSIBILITIES

- Monitoring and reporting of adverse reactions from patients and healthcare providers.
- Developing an in-depth knowledge of products.
- Creating safety update reports on medications and other therapies on a regular basis.
- Writing and reviewing serious adverse effects report and forms
- Completing safety audits
- Minimising the risk of serious side effects.

### LEARNING OBJECTIVES

- Drug safety terminology
- Guidelines for PV, WHO & ICH
- Case processing
- Trial management
- Clinical research process
- Preparing protocols



### AT THE END OF THE PROGRAM STUDENTS WILL BE ABLE TO

- Importance of drug safety monitoring and the development of pharmacovigilance program
- Identify adverse drug reactions and manage it
- Develop and establish pharmacovigilance program in an organization
- Recognize various methods of drug safety surveillance and communication in pharmacovigilance

### JOB OPPORTUNITIES

- Drug safety or PV manager
- Medical Safety scientist/specialist/reviewer
- Post-marketing case processing safety specialist
- Good PV Practices manager
- Pharmacovigilance Quality Compliance



**XCELCAREER**  
CAREER OPPORTUNITIES

To,

Date: 26 /04/2019

**Vishnu Institute of Pharmaceutical Education & Research,  
BVRIT,Narsapur, Medak Dt. Telangana 502313**

Dear Sir,

**Greetings from XCEL CAREER!!**

Congratulations to **Vishnu Institute of Pharmaceutical Education & Research** participated students for successfully completing Certificate Program, **ICH -GCP Clinical Research Training** held from October 2018 to April 2019.

Modules covered such as **Clinical Trials, Pharmacovigilance, Clinical Data Management, Regularity Affairs and Medical writing**. XCEL CAREER confident that the students will take away most of the essential points that has been taught and uses them for their advantage in **Clinical Research Industry**.

This program success was possible with the encouragement and whole hearted support from **Dr Ramesh Alluri, Principal** Sir without whom this program would not have conceptualized and able support from **Dr.K.Ramanjaneyulu, Asso. Professor**.

XCEL CAREER congratulates all the mentioned participants for successful completion of the program.

P Komal Reddy  
M Sai Maneesha  
V Swathi Varma  
M Shivani  
M Bhavya  
M Vijay Kumar  
P Vaishnavi Raj  
V Triveni  
G Sravanthi

Kind regards,

  
Mahesh Silver  
Director



**VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH**  
**Narsapur, Medak, Telangana 502313**

Date: 26/04/2019

**PHARMACOVIGILANCE**

**Preamble:**

The course's aim is to develop Pharmacovigilance knowledge and skills in pharmacy students relating to the collection, detection, assessment, monitoring, and prevention of adverse effects with pharmaceutical products. Academic and industry specialists will deliver lectures and hands-on training sessions. The field offers a great career scope for and Pharmacy graduates.

**Objectives:**

- To know drug safety terminology
- To understand Medical Writing
- Clinical data management
- Regulatory Affairs

**RESOURCE PERSON/ RESOURCE CONCERN**  
**XCELCAREER**

Ratna Complex, # 103, Image Hospitals Ln, Behind CHERMAS, Nagarjuna Nagar,  
Yella Reddy Guda,  
Hyderabad, Telangana – 500073  
Phone no: +91 9618077488/9052880022

**Co-Ordinator**

Mr.P. Rajasekar  
HOD-Department of Pharmacology  
Vishnu Institute of Pharmaceutical Education & Research  
Narsapur, Medak,  
Telangana 502313

**Student Coordinators**

N.Divya  
Yashaswini Ramya



Principal

**Principal**  
**VISHNU INSTITUTE OF PHARMACEUTICAL**  
**EDUCATION & RESEARCH**  
Vishnupur, Narsapur, Medak Dist - 502313. T.S.

**Certificate course on Biomedical Engineering**

**Students list**

**Ac.Year: 2018-19**

S.NO	Roll number	Name of the student
1.	15DH1R0001	BURMA NITHIN KRISHNA
2	15DH1R0002	GANDLA HARSHINI
3	15DH1R0003	GUNDAM PREETHI
4	15DH1R0004	ADUGANI V NAGA MALLIKA
5	15DH1R0005	Y.MANASA
6	15DH1R0006	AKHILA SUKHAVASI
7	15DH1R0007	APPARI SAIMANISHA
8	15DH1R0008	AYYAPPAGARI SRILEKHA
9	15DH1R0009	B. PRAVEEN JADAV
10	15DH1R0010	BEGARI SWATHI
11	15DH1R0012	BOLLA KRISHNA PRIYANKA
12	15DH1R0013	BOPANA ROHINI
13	15DH1R0014	CH.SREE REKHA
14	15DH1R0016	CHIKOTI SNEHHA PRIYA
15	15DH1R0017	CHILUVERI SANJUNA
16	15DH1R0018	D. MRUNALINI
17	15DH1R0019	DESHMUKH SHRUTHI
18	15DH1R0020	EDULAPALLY RAJASHEKAR
19	15DH1R0021	E.S. SUMITHRA NANDAN
20	15DH1R0022	G.SAI SRUTHI
21	15DH1R0023	GADIRAJU SRAVANI
22	15DH1R0024	GAJBINKAR SRAVANTHI
23	15DH1R0025	GARREPALLY KEERTHI
24	15DH1R0026	GORIPARTHI HIMABINDU
25	15DH1R0027	IFATH JABEEN
26	15DH1R0028	J. MANASA REDDY
27	15DH1R0029	JAWARIYA SADAF
28	15DH1R0030	KADANNAGARI SUREKHA
29	15DH1R0031	KAKI SPANDANA
30	15DH1R0032	KALALI SRIDIVYA GOUD
31	15DH1R0034	K. VARUN TEJA CHARY
32	15DH1R0037	KILARI SRI KAVYA
33	15DH1R0038	KOMAREGUEDEM LOKESH
34	15DH1R0039	K. PRATHYUSHA
35	15DH1R0040	KORAVATH ARAVIND
36	15DH1R0042	M.SHIVA MOUNIKA
37	15DH1R0043	MAISTRY NISHITHA
38	15DH1R0044	MALLIGARI SHASHIDHAR
39	15DH1R0045	MAMIDI SUSHMITHA

40	1SDHIR0046	MAMILLA MANISHA VANI
41	1SDHIR0047	MANDALA RANI
42	1SDHIR0048	MANISHA GOUD VEER
43	1SDHIR0050	MASHETTY PAVITHRA
44	1SDHIR0051	MD HASHAM
45	1SDHIR0052	MEDHARI VIJAY KUMAR
46	1SDHIR0053	MEESALA SHIVANI
47	1SDHIR0054	MEGAVAT SRIKANTH
48	1SDHIR0055	M. SHAKOOR BAIG
49	1SDHIR0056	MITTAPALLI ANJALI
50	1SDHIR0057	MUDHAPETA RAJESH
51	1SDHIR0058	MUKKERA PRASAD
52	1SDHIR0059	MUKKU DIVYA SRI
53	1SDHIR0060	MULIKI RAMU
54	1SDHIR0061	MUNIGALA ANUSHA
55	1SDHIR0062	MUPPARAM VINAYKUMAR
56	1SDHIR0063	MUPPIDI SAI MANISHA
57	1SDHIR0064	MUTHYAM BHAVYA
58	1SDHIR0065	NAGARAJU CHANDANA
59	1SDHIR0066	NARAYANOLLA SANDHYA
60	1SDHIR0067	N. DIVYABHARATHI
61	1SDHIR0068	NENAVATH MUKESH
62	1SDHIR0069	PAPAGARI SOWMYA SREE
63	1SDHIR0070	PATHA ARAVIND SAI
64	1SDHIR0071	PEDDHAOGGU LAVANYA
65	1SDHIR0073	P. KOMAL REDDY
66	1SDHIR0074	PERUMBUDURI VAISHNAVI
67	1SDHIR0075	PINDRATHI PRAVALIKA
68	1SDHIR0076	POTHUGANTI REKHA
69	1SDHIR0077	R. AISHWARYA
70	1SDHIR0078	R. AISHWARYA REDDY
71	1SDHIR0079	R. MOUNIKA REDDY
72	1SDHIR0080	R. RAKESH REDDY
73	1SDHIR0081	RATHOD SARITHA
74	1SDHIR0083	RYALA RAJU
75	1SDHIR0084	SAIMA MAHREEN
76	1SDHIR0085	SAMA SUPRAJA
77	1SDHIR0086	SHAMBHUNI DIVYASRI
78	1SDHIR0087	SIYYADRI BHASKAR
79	1SDHIR0088	SK KOWSER
80	1SDHIR0090	SURESH GOPAL
81	1SDHIR0091	TANGEDA VIJAYA
82	1SDHIR0092	TASKEEN SULTANA
83	1SDHIR0093	T. HARSHINI REDDY
84	1SDHIR0094	TUDI AVINASH REDDY
85	1SDHIR0095	V. TRIVENI
86	1SDHIR0096	VEMULA NIMITHA
87	1SCJIR0014	V SWATHI

*P. P. S. Bhawan*  
Course coordinator

Principal

**VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH**  
Narsapur, Medak Dt. 502313, TS

**Certificate course on Bio-medical Engineering**  
**AC.YEAR: 2018-2019**  
**Students List**

S. No.	Roll Number	Name of the student	Marks Obtained
1.	15DH1R0001	BURMA NITHIN KRISHNA	22
2.	15DH1R0002	GANDLA HARSHINI	21
3.	15DH1R0003	GUNDAM PREETHI	21
4.	15DH1R0004	ADUGANI V NAGA MALLIKA	24
5.	15DH1R0005	Y.MANASA	21
6.	15DH1R0006	AKHILA SUKHAVASI	23
7.	15DH1R0007	APPARI SAIMANISHA	20
8.	15DH1R0008	AYYAPPAGARI SRILEKHA	15
9.	15DH1R0009	B. PRAVEEN JADAV	19
10.	15DH1R0010	BEGARI SWATHI	18
11.	15DH1R0012	BOLLA KRISHNA PRIYANKA	17
12.	15DH1R0013	BOPPANA ROHINI	19
13.	15DH1R0014	CH.SREE REKHA	18
14.	15DH1R0016	CHIKOTI SNEHHA PRIYA	16
15.	15DH1R0017	CHILUVERI SANJUNA	15
16.	15DH1R0018	D. MRUNALINI	18
17.	15DH1R0019	DESHMUKH SHRUTHI	19
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24.	15DH1R0026	GORIPARTHI HIMABINDU	20
25.	15DH1R0027	IFATH JABEEN	20
26.	15DH1R0028	J. MANASA REDDY	23
27.	15DH1R0029	JAWARIYA SADAF	21
28.	15DH1R0030	KADANNAGARI SUREKHA	23
29.	15DH1R0031	KAKI SPANDANA	21
30.	15DH1R0032	KALALI SRIDIVYA GOUD	21
31.	15DH1R0034	K. VARUN TEJA CHARY	23
32.	15DH1R0037	KILARI SRI KAVYA	20
33.	15DH1R0038	KOMAREGUEDEM LOKESH	21
34.	15DH1R0039	K. PRATHYUSHA	20
35.	15DH1R0040	KORAVATH ARAVIND	21
36.	15DH1R0042	M.SHIVA MOUNIKA	23
37.	15DH1R0043	MAISTRY NISHITHA	20
38.	15DH1R0044	MALLIGARI SHASHIDHAR	21
39.	15DH1R0045	MAMIDI SUSHMITHA	20
40.	15DH1R0046	MAMILLA MANISHA VANI	21
41.	15DH1R0047	MANDALA RANI	21
42.	15DH1R0048	MANISHA GOUD VEER	24
43.	15DH1R0050	MASHETTY PAVITHRA	19
44.	15DH1R0051	MD HASHAM	18
45.	15DH1R0052	MEDHARI VIJAY KUMAR	18

46.	15DH1R0053	MEESALA SHIVANI	19
47.	15DH1R0054	MEGAVAT SRIKANTH	19
48.	15DH1R0055	M. SHAKOOR BAIG	19
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50.	15DH1R0057	MUDHAPETA RAJESH	20
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61.	15DH1R0068	NENAVATH MUKESH	19
62.	15DH1R0069	PAPAGARI SOWMYA SREE	15
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70.	15DH1R0078	R. AISHWARYA REDDY	17
71.	15DH1R0079	R. MOUNIKA REDDY	19
72.	15DH1R0080	R. RAKESH REDDY	19
73.	15DH1R0081	RATHOD SARITHA	15
74.	15DH1R0083	RYALA RAJU	18
75.	15DH1R0084	SAIMA MAHREEN	18
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77.	15DH1R0086	SHAMBHUNI DIVYASRI	13
78.	15DH1R0087	SIYYADRI BHASKAR	20
79.	15DH1R0088	SK KOWSER	20
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84.	15DH1R0094	TUDI AVINASH REDDY	23
85.	15DH1R0095	V .TRIVENI	20
86.	15DH1R0096	VEMULA NIMITHA	19
87.	15CJ1R0014	V SWATHI	19

  
Coordinator



Principal



Principal

VISHNU INSTITUTE OF PHARMACEUTICAL  
EDUCATION & RESEARCH  
Vishnupur, Narsapur, Medak Dist - 502313. T.S



**VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH**

**Narsapur, Medak, Telangana 502313**

**2018-2019**

**INTERDISCIPLINARY COURSE (BIOMEDICAL ENGINEERING)**

**Preamble:**

This course is designed to facilitate to fill the gap between biomedical engineering and pharmacy and having knowledge and skills to deal with applies engineering principles to analyse and solve problems in medicine and biology

**Objectives:**

- Provide solid fundamental knowledge in pharmaceutical sciences and engineering
- Encourage creativity, self-learning and innovation (design of devices, components or processes that meet desired needs in Biology or Medicine)

**RESOURCE PERSON**

Faculty members  
Department of Biomedical Engineering  
B. V. Raju Institute of Technology  
Vishnupur, Narsapur,  
Medak District-502313.  
Greater Hyderabad,  
Telangana, India

**Coordinator**

Dr.SVVNSM Lakshmi  
Associate Professor,  
Department of Pharmaconosy  
Vishnu Institute of Pharmaceutical Education & Research  
Narsapur, Medak,  
Telangana-502313

**Student Coordinators**

P.Aishwarya

D.Kumar



  
Principal  
VISHNU INSTITUTE OF PHARMACEUTICAL  
EDUCATION & RESEARCH  
Vishnupur, Narsapur, Medak Dist - 502313. T



	ROHINI														
13	CH.SREE REKHA	15DH1R0014	P	Ab	Ab	P	P	P	Ab	P	P	P	P	P	Ab
14	CHIKOTI SNEHHA PRIYA	15DH1R0016	Ab	P	P	Ab	P	P	P	P	P	P	Ab	P	
15	CHILUVERI SANJUNA	15DH1R0017	Ab	P	P	Ab	P	P	P	Ab	P	Ab	P	P	
16	D. MRUNALINI	15DH1R0018	P	Ab	P	P	Ab	P	P						
17	DESHMUKH SHRUTHI	15DH1R0019	P	P	P	Ab	P	Ab	P	P	P	P	P	P	
18	EDULAPALLY RAJASHEKAR	15DH1R0020	P	Ab	P	Ab	Ab	P	Ab	Ab	P	P	P	P	Ab
19	E.S. SUMITHRA NANDAN	15DH1R0021	P	Ab	Ab	P	P	P	P	P	P	Ab	P	P	
20	G.SAI SRUTHI	15DH1R0022		Ab	P	P	P	Ab	P	P	P	P	P		
21	GADIRAJU SRAVANI	15DH1R0023	Ab	P	P	P	P	P	P	Ab	P	P	P	P	Ab
22	GAJBINKAR SRAVANTHI	15DH1R0024	P	P	Ab	P	P	Ab	P	P	P	P	Ab	P	
23	GARREPALLY KEERTHI	15DH1R0025	Ab	P	P	P	P	Ab	P	P	P	Ab	P	Ab	
24	GORIPARTHI HIMABINDU	15DH1R0026	Ab	Ab	P	P	Ab	P	P	P	Ab	P	P	P	
25	IFATH JABEEN	15DH1R0027	P	P	P	P	Ab	P	Ab	Ab	P	Ab	P	P	
26	J. MANASA REDDY	15DH1R0028	P	P	Ab	P	Ab	P	Ab	P	P	P	P	P	
27	JAWARIYA SADAF	15DH1R0029	Ab	P	P	P	P	P	P	P	P	Ab	Ab	Ab	
28	KADANNAGARI SUREKHA	15DH1R0030	P	Ab	P	P	P	P	Ab	P	Ab	P	P	P	
29	KAKI SPANDANA	15DH1R0031	P	P	P	Ab	P	P	P	P	P	Ab	Ab	P	
30	KALALI SRIDIVYA GOUD	15DH1R0032	P	Ab	P	P	P	P	Ab	Ab	P	P	P	P	
31	K. VARUN TEJA CHARY	15DH1R0034	Ab	P	P	P	P	P	Ab	P	P	Ab	P	P	
32	KILARI SRI	15DH1R0037	P	P	P	P	P	P	P	P	Ab	P	P	P	

	KAVYA		P	P	Ab	Ab	P	Ab	P	P	P	P	P	P
33	KOMAREGUEDEM LOKESH	15DH1R0038	P	P	Ab	P	Ab	P	P	P	P	Ab	P	Ab
34	K. PRATHYUSHA	15DH1R0039	P				P	P	Ab	P	P	P	Ab	P
35	KORAVATH ARAVIND	15DH1R0040	Ab	P	Ab	P	P	P	P	Ab	P	P	Ab	P
36	M.SHIVA MOUNIKA	15DH1R0042	P	P	P	P	P	Ab	P	P	P	P	P	Ab
37	MAISTRY NISHITHA	15DH1R0043	P	P	Ab	P	P	P	P	Ab	P	P	Ab	P
38	MALLIGARI SHASHIDHAR	15DH1R0044	Ab	P	P	P	P	Ab	P	P	P	Ab	P	Ab
39	MAMIDI SUSHMITHA	15DH1R0045	P	P	Ab	P	Ab	Ab	P	P	P	P	Ab	Ab
40	MAMILLA MANISHA VANI	15DH1R0046	P	P	P		P	P	P	P	P	P	P	P
41	MANDALA RANI	15DH1R0047	P	P	Ab	P	P	P	P	Ab	P	Ab	P	P
42	MANISHA GOUD VEER	15DH1R0048	P	P	Ab	P	P	P	P	P	P	P	Ab	P
43	MASHETTY PAVITHRA	15DH1R0050	P	P	Ab	P	P	P	P	P	Ab	P	P	P
44	MD HASHAM	15DH1R0051	P	P	Ab	P	P	P	Ab	P	P	P	P	Ab
45	MEDHARI VIJAY KUMAR	15DH1R0052	P	P	P	P	P	P	Ab	Ab	P	P	Ab	P
46	MEESALA SHIVANI	15DH1R0053	P	P	P	P	P	P	Ab	P	P	P	P	P
47	MEGAVAT SRIKANTH	15DH1R0054	Ab	P	Ab	P	P	P	Ab	P	P	Ab	P	P
48	M. SHAKOOR BAIG	15DH1R0055	P	P	P	P	P	P	Ab	P	P	Ab	P	P
49	MITTAPALLI ANJALI	15DH1R0056	P	P	Ab	Ab	P	P	Ab	Ab	P	P	P	Ab
50	MUDHAPETA RAJESH	15DH1R0057	P	P	Ab	P	P	P	P	P	Ab	Ab	P	P
51	MUKKERA	15DH1R0058	P	P	Ab	P	P	P	P	Ab	P	P	Ab	P

PRAS.  
 MUKKU  
 SRI  
 MULIKIRA  
 MUNIGALA  
 ANUSHA  
 MUPPARAM  
 VINAY  
 55  
 56

PRASAD														
	MUKKU DIVYA SRI	15DH1R0059	P	P	P	P	P	P	P	P	Ab	P	P	P
53	MULIKI RAMU	15DH1R0060		P	P	P	P	P	Ab	P	P	P	P	P
54	MUNIGALA ANUSHA	15DH1R0061	P	P	P	P	P	P	P	P	Ab	P	Ab	P
55	MUPPARAM VINAYKUMAR	15DH1R0062	P	P	P	P	P	P	P	Ab	P	P	Ab	P
56	MUPPIDI SAI MANISHA	15DH1R0063	P	P	P	P	Ab	P	P	P	P	P	P	P
57	MUTHYAM BHAVYA	15DH1R0064	P	P	P	Ab	P	P	P	P	Ab	P	P	P
58	NAGARAJU CHANDANA	15DH1R0065	P	P	Ab	P	P	P	P	P	P	P	P	P
59	NARAYANOLLA SANDHYA	15DH1R0066	Ab	P	P	P	P	P	Ab	P	P	P	P	P
60	N. DIVYABHARATHI	15DH1R0067	P	P	Ab	P	P	P	P	Ab	P	P	P	P
61	NENAVATH MUKESH	15DH1R0068	P	Ab	P	P	P	P	P	Ab	P	P	Ab	P
62	PAPAGARI SOWMYA SREE	15DH1R0069	P	P	P	P	P	P	P	P	P	P	Ab	P
63	PATHA ARAVIND SAI	15DH1R0070	P	P	P	Ab	Ab	P	P	P	Ab	Ab	P	Ab
64	PEDDHAOGGU LAVANYA	15DH1R0071	P	P	P	Ab	Ab	P	Ab	P	P	P	P	P
65	P. KOMAL REDDY	15DH1R0073	P	Ab	P	P	P	P	P	P	Ab	P	Ab	P
66	PERUMBUDURI VAISHNAVI	15DH1R0074	P	P	Ab	Ab	P	Ab	P	P	P	Ab	P	Ab
67	PINDRATHI PRAVALIKA	15DH1R0075	P	P	Ab	P	P	P	Ab	P	P	P	Ab	P
68	POTHUGANTI REKHA	15DH1R0076	P	Ab	P	P	P	P	Ab	P	P	P	P	Ab
69	R.AISHWARYA	15DH1R0077	P	P	P	P	P	P	P	P	Ab	P	P	P

70	R. AISHWARYA REDDY	15DH1R0078	P	P	P	P	P	P	P	AB	AB	P	P	Ab	P
71	R. MOUNIKA REDDY	15DH1R0079	P	P	Ab	P	P	P	P	P	Ab	P	P	P	Ab
72	R. RAKESH REDDY	15DH1R0080	P	P	P	P	P	P	P	Ab	Ab	P	P	Ab	P
73	RATHOD SARITHA	15DH1R0081	P	P	P	P	AB	P	P	Ab	P	Ab	P	P	
74	RYALA RAJU	15DH1R0083	P	P	Ab	P	P	P	P	P	Ab	P	Ab		
75	SAIMA MAHREEN	15DH1R0084	P	P	Ab	P	P	P	P	P	Ab	P	P	P	P
76	SAMA SUPRAJA	15DH1R0085	Ab	P	P	Ab	P	P	P	P	Ab	P	P	P	
77	SHAMBHUNI DIVYASRI	15DH1R0086	P	Ab	P	P	P	P	P	Ab	P	P	P	P	
78	SIYYADRI BHASKAR	15DH1R0087	P	P	Ab	P	P	P	P	P	P	Ab	Ab	P	
79	SK KOWSER	15DH1R0088	Ab	P	P	P	P	P	Ab	P	P	Ab	P	P	
80	SURESH GOPAL	15DH1R0090	P	P	P	P	P	P	P	Ab	P	Ab	P	P	
81	TANGEDA VIJAYA	15DH1R0091	P	P	Ab	P	P	P	P	P	P	P	P	Ab	
82	TASKEEN SULTANA	15DH1R0092	P	P	Ab	Ab	P	P	P	P	P	P	P	P	
83	T. HARSHINI REDDY	15DH1R0093	P	P	P	Ab	P	Ab	P	P	P	P	Ab	P	
84	TUDI AVINASH REDDY	15DH1R0094	Ab	P	P	Ab	P	P	P	Ab	P	P	P	P	
85	V. TRIVENI	15DH1R0095	P	P	P	Ab	P	P	P	P	P	P	Ab	Ab	
86	VEMULA NIMITHA	15DH1R0096	P	Ab	P	P	P	Ab	P	P	Ab	P	P	P	
87	V SWATHI	15CJ1R0014	P	P	P	P	Ab	P	P	P	P	Ab	P	Ab	

2021  
COURSE COORDINATOR

PRINCIPAL

Vishal Institute of Pharmaceutical  
Education & Research  
Narsapur, Medak dist - 502313

# B.V.RAJU INSTITUTE OF TECHNOLOGY

## Department of Chemical Engineering

### Certificate course on Chemical engineering for b pharma students

#### Syllabus

#### IV/I Semester, B .Phrama

##### Course 1

Heat exchangers: Enthalpy Balance, Overall heat transfer coefficient, double pipe heat exchanger, shall and tube exchangers, plate heat exchangers, selection of heat exchangers, design 1:1 shall and tube heat exchanger, design of evaporater.

##### Course 2

Mass transfer: principles of distillation, absorption, extrtaction, crystallization, adsorption, humidification, and drying , design of plate column for distillation

##### Course 3

Air compressors and blowers: Types of compressors and blowers, selection of compressors

##### Course 4

Reaction engineering : Rate of reactions homogenous and heterogeneous reactions, ideal and non- ideal reactors ,Design equations and applications , catalysts, types of catalysts.

#### IV/II Semester, B.Phrama

##### Course 5

Process Design: flow sheet development P and ID development, Material Balance , Material of constructions, design temperature, Design pressure process , data sheets.

##### Course 6

**Process control :** Transfers of first order and second order systems ,interacting ans non interacting systems , Open and closed loop systems, different types of controllers.

##### Laboratory Work:

1. Determine the overall heat coefficient for 1:2 shell and dtube heat exchanger.
2. Drying characteristics in tray drier
3. Isothermal bath reactor
4. Performance of packed bed reactor for agiven system
5. Response of P,PI,PD,PID,& ON/OFF Controllersin control trainer
6. Interacting and non Interacting System.

**Certificate course on Chemical Engineering for B. Pharmacy Students**  
**TIME TABLE**

**Ac. Yr. 2018-2019**

S No.	Date	TOPIC	Faculty
1.	28-07-2018	<b>Heat Exchangers:</b> Enthalpy balance, Overall Heat transfer coefficient, Plate heat exchangers. Selection of heat exchangers	Dr. G. B. Radhika
2	18-08-2018	<b>Heat Exchangers:</b> Double pipe heat exchangers, Shell and tube exchangers, Plate heat exchangers, design 1:1 ratio STHE, design of evaporator	Dr. G. B. Radhika
3.	01-09-2018	<b>Mass Transfer:</b> Principles of Distillation, Absorption, Extraction, Crystallization	B. Shiva Kumar
4.	15-09-2018	<b>Mass Transfer:</b> Adsorption, humidification, drying, design of plate column for distillation	B. Shiva Kumar
5.	13-10-2018	<b>Air Compressors and blowers:</b> Types of compressors	Archana Rao. P
6.	27-10-2018	<b>Air Compressors and blowers:</b> Types of Blowers, selection of compressors	Archana Rao. P
7.	10-11-2018	<b>Reaction Engineering:</b> Rate of reaction, homogenous and heterogeneous, ideal and non-ideal reactors	J. Prasad
8.	24-11-2018	<b>Reaction engineering:</b> Design equations and applications, catalyst, types of catalyst	J. Prasad
9.	08-12-2018	<b>Process Design:</b> Flow sheet development P and ID development, material balance	J. Prasad
10.	22-12-2018	<b>Process Design:</b> Material of constructions, design temperature, design pressure, process data sheets	Ch.Venkateswarlu
11.	12-01-2019	<b>Process Control:</b> Transfers of First order and Second Order system, interacting and non-interacting systems	Ch.Venkateswarlu
12.	02-02-2019	<b>Process Control:</b> Open and closed loop systems, different types of controller	Ch.Venkateswarlu

**Certificate course on Chemical Engineering**

**Students list**

**Ac.Year: 2018-19**

S.NO	Roll number	Name of the student
1.	15DH1R0001	BURMA NITHIN KRISHNA
2	15DH1R0002	GANDLA HARSHINI
3	15DH1R0003	GUNDAM PREETHI
4	15DH1R0004	ADUGANI V NAGA MALLIKA
5	15DH1R0005	Y.MANASA
6	15DH1R0006	AKHILA SUKHAVASI
7	15DH1R0007	APPARI SAIMANISHA
8	15DH1R0008	AYYAPPAGARI SRILEKHA
9	15DH1R0009	B. PRAVEEN JADAV
10	15DH1R0010	BEGARI SWATHI
11	15DH1R0012	BOLLA KRISHNA PRIYANKA
12	15DH1R0013	BOPPANA ROHINI
13	15DH1R0014	CH.SREE REKHA
14	15DH1R0016	CHIKOTI SNEHHA PRIYA
15	15DH1R0017	CHILUVERI SANJUNA
16	15DH1R0018	D. MRUNALINI
17	15DH1R0019	DESHMUKH SHRUTHI
18	15DH1R0020	EDULAPALLY RAJASHEKAR
19	15DH1R0021	E.S. SUMITHRA NANDAN
20	15DH1R0022	G.SAI SRUTHI
21	15DH1R0023	GADIRAJU SRAVANI
22	15DH1R0024	GAJBINKAR SRAVANTHI
23	15DH1R0025	GARREPALLY KEERTHI
24	15DH1R0026	GORIPARTHI HIMABINDU
25	15DH1R0027	IFATH JABEEN
26	15DH1R0028	J. MANASA REDDY
27	15DH1R0029	JAWARIYA SADAF
28	15DH1R0030	KADANNAGARI SUREKHA
29	15DH1R0031	KAKI SPANDANA
30	15DH1R0032	KALALI SRIDIVYA GOUD
31	15DH1R0034	K. VARUN TEJA CHARY
32	15DH1R0037	KILARI SRI KAVYA
33	15DH1R0038	KOMAREGUEDEM LOKESH
34	15DH1R0039	K. PRATHYUSHA
35	15DH1R0040	KORAVATH ARAVIND
36	15DH1R0042	M.SHIVA MOUNIKA
37	15DH1R0043	MAISTRY NISHITHA
38	15DH1R0044	MALLIGARI SHASHIDHAR
39	15DH1R0045	MAMIDI SUSHMITHA
40	15DH1R0046	MAMILLA MANISHA VANI
41	15DH1R0047	MANDALA RANI

42	15DH1R0048	MANISHA GOUD VEER
43	15DH1R0050	MASHETTY PAVITHRA
44	15DH1R0051	MD HASHAM
45	15DH1R0052	MEDHARI VIJAY KUMAR
46	15DH1R0053	MEESALA SHIVANI
47	15DH1R0054	MEGAVAT SRIKANTH
48	15DH1R0055	M. SHAKOOR BAIG
49	15DH1R0056	MITTAPALLI ANJALI
50	15DH1R0057	MUDHAPETA RAJESH
51	15DH1R0058	MUKKERA PRASAD
52	15DH1R0059	MUKKU DIVYA SRI
53	15DH1R0060	MULIKI RAMU
54	15DH1R0061	MUNIGALA ANUSHA
55	15DH1R0062	MUPPARAM VINAYKUMAR
56	15DH1R0063	MUPPIDI SAI MANISHA
57	15DH1R0064	MUTHYAM BHAVYA
58	15DH1R0065	NAGARAJU CHANDANA
59	15DH1R0066	NARAYANOLLA SANDHYA
60	15DH1R0067	N. DIVYABHARATHI
61	15DH1R0068	NENAVATH MUKESH
62	15DH1R0069	PAPAGARI SOWMYA SREE
63	15DH1R0070	PATHA ARAVIND SAI
64	15DH1R0071	PEDDHAOGGU LAVANYA
65	15DH1R0073	P. KOMAL REDDY
66	15DH1R0074	PERUMBUDURI VAISHNAVI
67	15DH1R0075	PINDRATHI PRAVALIKA
68	15DH1R0076	POTHUGANTI REKHA
69	15DH1R0077	R.AISHWARYA
70	15DH1R0078	R. AISHWARYA REDDY
71	15DH1R0079	R. MOUNIKA REDDY
72	15DH1R0080	R. RAKESH REDDY
73	15DH1R0081	RATHOD SARITHA
74	15DH1R0083	RYALA RAJU
75	15DH1R0084	SAIMA MAHREEN
76	15DH1R0085	SAMA SUPRAJA
77	15DH1R0086	SHAMBHUNI DIVYASRI
78	15DH1R0087	SIYYADRI BHASKAR
79	15DH1R0088	SK KOWSER
80	15DH1R0090	SURESH GOPAL
81	15DH1R0091	TANGEDA VIJAYA
82	15DH1R0092	TASKEEN SULTANA
83	15DH1R0093	T. HARSHINI REDDY
84	15DH1R0094	TUDI AVINASH REDDY
85	15DH1R0095	V .TRIVENI
86	15DH1R0096	VEMULA NIMITHA
87	15CJ1R0014	V SWATHI

*P. Durga Bhawan*  
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