



## VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES

Affiliated to J.N.T.U.K-Kakinada, Approved by PCI & AICTE, New Delhi  
Mindhivanipalem (V) Sontyam(P) Anandapuram (M)Visakhapatnam (Dist) 531 173  
E-mail : principalvniip@yahoo.co.in

### LIST OF ADD ON CERTIFICATE PROGRAMS- AY-2018-2019

S.No	Name of the program	Date	Number of participants	AY-18-19
1	"PATIENT CENTRIC DRUG INFORMATION SERVICE FOR REDUCING MEDICATION ERRORS"	12/06/18 TO 25/06/18.	30	18-19
2	"MICROBIAL QUALITY CONTROL & TESTING"	06/08/18 TO 21/08/18	40	18-19
3	"WATER SOLUBLE POLYMERS"	24/09/18 TO 07/10/18.	24	18-19
4	"PHARMACOKINETIC CONCEPTS"	03/12/18 TO 17/12/18	21	18-19
5	"EFFECTIVENESS OF ANTIBIOTICS"	12/12/18 TO 27/12/18	22	18-19
6	"CONCEPTS OF STEREOCHEMISTRY"	11/02/19 TO 23/02/19	39	18-19
7	"PHARMACEUTICAL RADIOISOTOPES"	29/04/19 TO 13/05/19	21	18-19

*P. Uma Devi*  
Principal

**Dr. P.UMADEVI**  
Principal  
Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173



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E-mail : [principalvnip@yahoo.co.in](mailto:principalvnip@yahoo.co.in)

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Ref No: VNIPS/ two week Certificate Program/ Circular/ 2018

Dt: 03/06/2018

**CIRCULAR**

It is hereby informed to all **IV.I (VII Semester) B. Pharmacy Students**, that our college is conducting a two-week certificate program on **“PATIENT CENTRIC DRUG INFORMATION SERVICE FOR REDUCING MEDICATION ERRORS”** from 12/06/2018 to 25/06/2018. All the students shall enroll their names on or before 06/06/2018, hence all the students are informed to attend the program without fail.

Venue: Room No: 201, VNIPS

Co-Ordinator: Mrs. M. Bhagya sree

Assistant professor

Dept of Pharmaceutics

Principal

**Dr. P.UMADEV I**

Principal

Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173

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E-mail : [principalvni@yahoo.co.in](mailto:principalvni@yahoo.co.in)

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### WEEK/ DAY WISE SCHEDULE

S.No	Date	Topics to be Covered
1	12/06/2018	Objectives and introduction for Medical Errors
2	13/06/2018	Accountability of the Health Care Providers
3	14/06/2018	The Joint Commission Patient Safety Goals to assist Institutions and Health Care Practitioners
4	15/06/2018	Types of Errors and their particular Significance in Finding
5	16/06/2018	Root Cause and Correction or avoidance of the Error
6	18/06/2018	Functioning and Reporting of Errors
7	19/06/2018	Surgical, Medication, Diagnostic Errors and their Prevention
8	20/06/2018	Information Technology in Finding the Errors and Prevention
9	21/06/2018	Communication Errors
10	22/06/2018	Clinical Significance
11	23/06/2018	Safety Promotions
12	25/06/2018	Enhancement of Health Care Team Outcomes



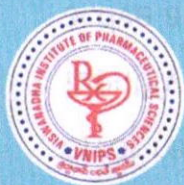
## About Institution

Viswanadha Institute of Pharmaceutical Sciences (VNIPS) was established in 2008. VNIPS is affiliated to Jawaharlal Nehru Technological University, Kakinada and approved by All India Council for Technical Education & Pharmacy Council of India, New Delhi.

VNIPS has all state of art facilities required for running the courses in a best way. It has a team of well experienced, vibrant and dynamic faculty under the veteran leadership of Principal Dr. P. Uma Devi. Quality Education is the prime motto of VNIPS.

## VI SWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES

Affiliated to J.N.T.U.K-Kakinada,  
Approved by PCI & A.I.C.T.E, New Delhi



**MINDIVANIPALEM (V), SONTYAM(P)**  
**ANANDAPURAM (M)**  
**VISAKHAPATNAM (DIST)**  
**531173**

## PATIENT CENTRIC DRUG INFORMATION SERVICE FOR REDUCING MEDICATION ERRORS

ADD ON CERTIFICATE PROGRAM

FROM 12/06/2018  
TO 25/06/2018.



Dr. YELLAPRAGADA SUBBARAO BHAVAN



## Resource Person

Dr.M SAVITHRI

Professor

Dept of Pharmacology

## Program Outcomes

- Types of errors and their particular significance in finding root cause & correction or avoidance of the errors.
- Functioning & reporting of errors
- Chemical significance, safety promotions, enhancement of health care team outcomes.

## Program Objectives

- Describe the major types of errors and how these negatively impact the patient care.
- Outline the most important joint commission patient safety goals including challenges in error accountability and the barriers to error reporting.
- Identify the difference between active and latent errors, as well the difference between adverse, negative adverse, sentinel, and never events



PROGRAM CO-ORDINATOR

**M. BHAGYA SREE**

Asst. Professor

Dept of Pharmaceutics





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E-mail : principalvni@yahoo.co.in

### ENROLLED STUDENTS LIST

**Name of the Program:** A two week Certificate Program “PATIENT CENTRIC DRUG INFORMATION SERVICE FOR REDUCING MEDICATION ERRORS”

**Date:** 12/06/2018 to 25/06/2018

S.No	Regd No	Name of the Student	Year/ Branch	Signature
1	15PK1R0001	Ambati Pallavi	IV.I B. Pharm	A. Pallavi
2	15PK1R0002	Angati Krishna Veni	IV.I B. Pharm	A. Krishna Veni
3	15PK1R0003	Animireddy Sandhya Rani	IV.I B. Pharm	A. Sandhya Rani
4	15PK1R0004	Atcharta Srinu	IV.I B. Pharm	A. Srinu
5	15PK1R0005	Biddika Shanthi	IV.I B. Pharm	B. Shanthi
6	15PK1R0006	Chirra Nandini	IV.I B. Pharm	C. Nandini
7	15PK1R0007	Choppa Revathi	IV.I B. Pharm	C. Revathi
8	15PK1R0008	Ganta Lavanya	IV.I B. Pharm	G. Lavanya
9	15PK1R0009	Gattu Ramadevi	IV.I B. Pharm	G. Ramadevi
10	15PK1R0010	Kandula Anupama	IV.I B. Pharm	K. Anupama
11	15PK1R0011	Kasarapu Anuradha	IV.I B. Pharm	K. Anuradha
12	15PK1R0012	Kavati Naveena Rani	IV.I B. Pharm	K. Naveena Rani
13	15PK1R0013	Ketha Sri Lekhya	IV.I B. Pharm	K. Sri Lekhya
14	15PK1R0014	Komara Rajya Laxmi	IV.I B. Pharm	K. Rajya Laxmi
15	15PK1R0015	Koribilli Nirupama	IV.I B. Pharm	K. Nirupama
16	15PK1R0017	Madiboina Venkata Gowri Naidu	IV.I B. Pharm	M.V.G. Naidu
17	15PK1R0018	Malla Harika	IV.I B. Pharm	M. Harika
18	15PK1R0019	Muppidi Vital Reddy	IV.I B. Pharm	Vital M
19	15PK1R0020	Natram Sireesha	IV.I B. Pharm	N. Sireesha
20	15PK1R0021	Ommi Lakshmana	IV.I B. Pharm	O. Lakshmana
21	15PK1R0022	Pasagadugula Ashok	IV.I B. Pharm	P. Ashok
22	15PK1R0023	Pilla Gnanesh Kalyan Babu	IV.I B. Pharm	P.G. Kalyan Babu
23	15PK1R0024	Pinninti Yamini	IV.I B. Pharm	P. Yamini
24	15PK1R0025	Polamarasetty Rupa Premica	IV.I B. Pharm	P. Rupa
25	15PK1R0026	Polavarapu Sravani	IV.I B. Pharm	P. Sravani
26	15PK1R0027	Polimera Harika	IV.I B. Pharm	P. Harika
27	15PK1R0029	Pugaliya Bharat Kumar	IV.I B. Pharm	P. Bharat Kumar
28	15PK1R0030	Pyla Sowjanya	IV.I B. Pharm	P. Sowjanya
29	15PK1R0032	Sakella Rohan Swaraj	IV.I B. Pharm	S. Rohan
30	15PK1R0033	Sirasapalli Pavani	IV.I B. Pharm	S. Pavani







## **VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES**

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28/6/18

### **PROGRAM REPORT**

**Name of the Program:** A two week Certificate Program “**PATIENT CENTRIC DRUG INFORMATION SERVICE FOR REDUCING MEDICATION ERRORS**”

**Date:** 12/06/2018 to 25/06/2018

**Resource Person:** Dr. M. Savithri

Professor

Viswanadha Institute of Pharmaceutical sciences

Contact number: 9885560877

Mail ID: savi\_mode@yahoo.co.in

**Name of the Co-Ordinator:** Mrs. M. Bhagya sree

Assistant professor

Viswanadha Institute of Pharmaceutical Sciences

**Venue:** Room No: 201, VNIPS

**Number of Students Enrolled:** 30

Viswanadha Institute of Pharmaceutical Sciences organized a two week certificate program on “**PATIENT CENTRIC DRUG INFORMATION SERVICE FOR REDUCING MEDICATION ERRORS**” for **IV.I (VII Semester) B. Pharm Students** by the resource person – Dr. M. Savithri. She explained about various aspects and significant guidance on medical errors referred to health care team and patients’ safety goals. A total of 30 students participated in this program and gained knowledge about topic. They were able to understand the following objectives and learning outcomes.


**OBJECTIVES:**

- Describe the major types of errors and how these negatively impact the patient care.
- Outline the most important joint commission patient safety goals including challenges in error accountability and the barriers to error reporting.
- Identify the difference between active and latent errors, as well the difference between adverse, negative adverse, sentinel, and never events

**LEARNING OUTCOMES:**

- Types of errors and their particular significance in finding root cause & correction or avoidance of the errors.
- Functioning & reporting of errors
- Chemical significance, safety promotions, enhancement of health care team outcomes.

This course is useful to students to acquire knowledge on medication errors. Received positive feedback from the students. Our management and Principal Dr. P. Uma Devi conveyed thanks to resource person and wishes to students. The program was conducted successfully.



Program Co-Ordinator



Principal

**Dr. P.UMADEVI**  
Principal  
Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173





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## *Certificate Of Participation*

THE FOLLOWING CERTIFICATE IS GIVEN TO

*K. Anuradha, IV B.Pharm*

for His/her Active participation in Add On Certificate Program on

***"PATIENT CENTRIC DRUG INFORMATION SERVICE FOR REDUCING MEDICATION ERRORS"***

Organized by

VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES

Held From *12/06/2018 TO 25/06/2018.*

*K. Jayya*

CO-ORDINATOR  
VNIPS



*P. Vasudevi*

PRINCIPAL  
VNIPS





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THE FOLLOWING CERTIFICATE IS GIVEN TO

*M. Vital Reddy , iv B.Pharm*

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VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES

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*[Signature]*

CO-ORDINATOR  
VNIPS



*[Signature]*

PRINCIPAL  
VNIPS





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*S. Pawani, IV B.Pharm*

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*[Signature]*

CO-ORDINATOR  
VNIPS



*[Signature]*

PRINCIPAL  
VNIPS





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Held From *12/06/2018 TO 25/06/2018.*

*[Signature]*

CO-ORDINATOR  
VNIPS



*[Signature]*

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VNIPS





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## *Certificate Of Participation*

THE FOLLOWING CERTIFICATE IS GIVEN TO

*P. Ashok, in B.Pharm*

for His/her Active participation in Add On Certificate Program on

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Held From ***12/06/2018 TO 25/06/2018.***

*A. Hegde*

CO-ORDINATOR  
VNIPS



*P. Venkatesh*

PRINCIPAL  
VNIPS





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## *Certificate Of Participation*

THE FOLLOWING CERTIFICATE IS GIVEN TO

*P. Bharat Kumar, IV B.Pharm*

for His/her Active participation in Add On Certificate Program on

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Held From *12/06/2018 TO 25/06/2018.*

*Heigya*  
CO-ORDINATOR  
VNIPS



*P. Uma Devi*  
PRINCIPAL  
VNIPS





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## *Certificate Of Participation*

THE FOLLOWING CERTIFICATE IS GIVEN TO

*Dr. Lavanya, IV B. Pharm*

for His/her Active participation in Add On Certificate Program on

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Held From *12/06/2018 TO 25/06/2018.*

*L. Lavanya*

CO-ORDINATOR  
VNIPS



*P. Uma Devi*

PRINCIPAL  
VNIPS



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## *Certificate Of Participation*

THE FOLLOWING CERTIFICATE IS GIVEN TO

*A. Pallavi, IV. B.Pharm*

for His/her Active participation in Add On Certificate Program on

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Held from *12/06/2018 TO 25/06/2018.*

*h. g. g. g.*  
CO-ORDINATOR  
VNIPS



*P. Uma Devi*  
PRINCIPAL  
VNIPS





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## *Certificate Of Participation*

THE FOLLOWING CERTIFICATE IS GIVEN TO

*Ch. Nandini, B.Pharm*

for His/her Active participation in Add On Certificate Program on

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VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES

Held from *12/06/2018 TO 25/06/2018.*

*A. Hegga*

CO-ORDINATOR  
VNIPS



*P. Umesh*

PRINCIPAL  
VNIPS





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## Certificate Of Participation

THE FOLLOWING CERTIFICATE IS GIVEN TO

*D. Lakshmana IV B.Pharm*

for His/her Active participation in Add On Certificate Program on

***"PATIENT CENTRIC DRUG INFORMATION SERVICE FOR REDUCING MEDICATION ERRORS"***

Organized by

VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES

Held from *12/06/2018 TO 25/06/2018.*

*h. gya*

CO-ORDINATOR  
VNIPS



*P. Uma Devi*

PRINCIPAL  
VNIPS



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**E-mail : [principalvnip@yahoo.co.in](mailto:principalvnip@yahoo.co.in)**

Ref no:VNIPS/ Two week Certificate Program/Circular/2018

**Date: 02/08/2018**

**CIRCULAR**

It is hereby informed to all **II-I (III semester) B.Pharm** students, that our college is conducting A Two Week Certificate program on “**MICROBIAL QUALITY CONTROL & TESTING**” from **06/08/2018 to 21/08/2018**, hence, all the students are hereby informed to attend the Program without fail.

**Venue:** Seminar hall, Viswanadha Institute of Pharmaceutical sciences.

**Co-ordinator:** Dr. P.V. Madhavi Latha,

Associate Professor,

Dept of Pharmaceutical Analysis.

Viswanadha Institute Of Pharmaceutical Sciences

*P. Uma Devi*

**Principal**  
**P. UMADEVI**  
Principal  
Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173

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## Resource Person

### MS.I VASAVI

Asst professor  
Dept of Pharmaceutics

## REGISTRATION FORM

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Institution: \_\_\_\_\_

Address for Communication:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

### CO-ORDINATOR

### Dr P V Madhavi latha

Assoc professor  
Dept of Analysis

REGISTER NOW



ADD ON  
CERTIFICATE PROGRAM

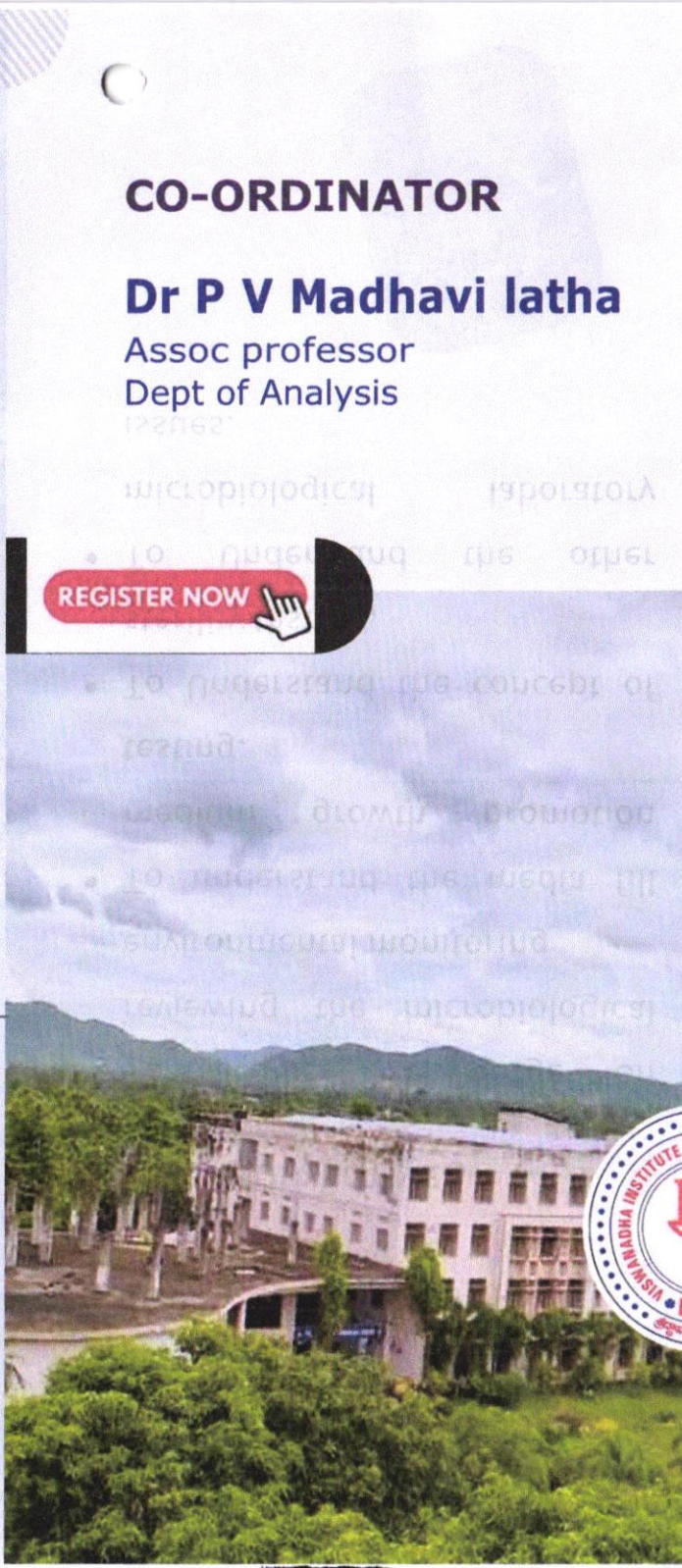
# MICROBIAL QUALITY CONTROL & TESTING

FROM  
06 TO 21. 08.2019



**VISWANADHA  
INSTITUTE OF  
PHARMACEUTICAL  
SCIENCES**

MINDIVANIPALEM (V), SONTYAM(P)  
ANANDAPURAM (M) VISAKHAPATNAM (DIST)  
531173





## ABOUT INSTITUTION

Viswanadha Institute of Pharmaceutical Sciences (VNIPS) was established in 2008. VNIPS is affiliated to Jawaharlal Nehru Technological University, Kakinada and approved by All India Council for Technical Education & Pharmacy Council of India, New Delhi.

VNIPS has all state of art facilities required for running the courses in a best way. It has a team of well experienced, vibrant and dynamic faculty under the veteran leadership of Principal Dr. P. Uma Devi. Quality Education is the prime motto of VNIPS.

**VISION:** To transform as reputed institution imparting Pharmacy education and Research in bringing out adept Professionals.

### MISSION:

Impart value based and value added pharmacy education to meet global standards.

Groom the students towards achieving academic excellence and encourage Research towards social Orientations with emphasis on health care.

Nurture the budding Pharmacists in catering to the needs of Industry and Society.

Strengthen interaction of the institute with Industry and Hospitals.

## ABOUT PROGRAM

Title:

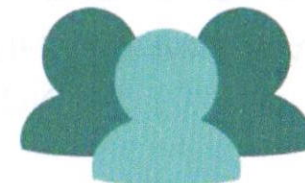
### MICROBIAL QUALITY CONTROL & TESTING

#### OBJECTIVE

- To acquire knowledge on reviewing the microbiological environmental monitoring
- To understand the media fill medium growth promotion testing.
- To Understand the concept of sterility testing.
- To Understand the other microbiological laboratory issues.

#### OUTCOMES

- To describe diversity of microorganisms.
- To gain knowledge on bacterial cell structure and function.
- To understand the concepts of microbial growth and mechanism.
- To understand the ways to control their growth and by physical and chemical means.





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E-mail : [principalvni@yahoo.co.in](mailto:principalvni@yahoo.co.in)

### Day Wise Schedule

S.No	Date	Topics to be covered
1	06/08/2018	Introduction
2	07/08/2018	Quality control and Quality assurance
3	08/08/2018	GMP & GLP
4	09/08/2018	Microbiological parameters
5	10/08/2018	Classification of clean areas
6	13/08/2018	Microbiological validation
7	14/08/2018	Selective media and specific growth factors of microorganisms
8	16/08/2018	Microbial limit Test (MLT)
9	17/08/2018	Sterility test
10	18/08/2018	Bacterial Endotoxin test
11	20/08/2018	Phenol coefficient test
12	21/08/2018	Specific microbial QC Tests





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E-mail : [principalvni@yahoo.co.in](mailto:principalvni@yahoo.co.in)

### ENROLLED STUDENTS LIST

Name of the Program: A Two Week Certificate program “ Microbial Quality control and testing”

Date: 06/08/18 to 21/08/18

AY - 2018-2019

S.No	Regd. No	Name of the student	Year Batch	Signature
1.	17PK1R0001	Athikamsetti Uma Sai Chaitanya	II.I B. Pharm	Uma Sai
2.	17PK1R0002	Badugu Chinnari	II.I B. Pharm	B. Chinnari
3.	17PK1R0004	Bathula Jhansi	II.I B. Pharm	Jhansi
4.	17PK1R0005	Bayye Amulya	II.I B. Pharm	B. Amulya
5.	17PK1R0007	Bogi Lavanya	II.I B. Pharm	B. Lavanya
6.	17PK1R0008	Bonala Sri Lakshmi Rajeev Sarath	II.I B. Pharm	Sarath
7.	17PK1R0010	Earle Lakshman Kumar	II.I B. Pharm	E. Lakshman Kumar
8.	17PK1R0011	Gandreddi Sai Ramya	II.I B. Pharm	Sai Ramya
9.	17PK1R0013	Gavara Jayalaxmi Devi	II.I B. Pharm	G. Jayalaxmi Devi
10.	17PK1R0014	Gemmela Sandhyasravani	II.I B. Pharm	Sandhyasravani
11.	17PK1R0016	Gorrapotu Sridevi	II.I B. Pharm	Sridevi
12.	17PK1R0018	Ippili Pavani	II.I B. Pharm	Pavani
13.	17PK1R0019	Jalli Alekhya	II.I B. Pharm	J. Alekhya
14.	17PK1R0021	Kagana Santhi Kumari	II.I B. Pharm	K. Santhi Kumari
15.	17PK1R0022	Kakiliti Manasa	II.I B. Pharm	K. Manasa
16.	17PK1R0024	Kolluru Lavanya	II.I B. Pharm	K. Lavanya
17.	17PK1R0025	Kondepudi Lalitha	II.I B. Pharm	K. Lalitha
18.	17PK1R0027	Mallavarapu Nandini	II.I B. Pharm	M. Nandini
19.	17PK1R0028	Manduri Naga Sai	II.I B. Pharm	M. Naga Sai
20.	17PK1R0029	Mukala Divya	II.I B. Pharm	M. Divya
21.	17PK1R0031	Padala Rushitha Reddy	II.I B. Pharm	P. Reddy

22.	17PK1R0033	Pappala Sunil	II.I B. Pharm	P. Sunil
23.	17PK1R0034	Penki Sravani	II.I B. Pharm	P. Sravani
24.	17PK1R0036	Perla Dhanalatha	II.I B. Pharm	P. Dhanalatha
25.	17PK1R0037	Rayudu Supriya	II.I B. Pharm	R. Supriya
26.	17PK1R0038	Sampara Meera Bai	II.I B. Pharm	S. meera bai
27.	17PK1R0040	Somadula Devi	II.I B. Pharm	Devi
28.	17PK1R0041	Suddala Nandini	II.I B. Pharm	S. Nandini
29.	17PK1R0043	Tanakala Rohita	II.I B. Pharm	T. Rohita
30.	17PK1R0044	Tangeti Susmitha Kumari	II.I B. Pharm	Susmitha Kumari
31.	17PK1R0046	Varri Tejasri	II.I B. Pharm	V. Tejasri
32.	17PK1R0047	Velamala Taraka Durga Lakshmi	II.I B. Pharm	V. Lakshmi
33.	17PK1R0049	Vemagiri Ravi Kumar	II.I B. Pharm	Ravi Kumar
34.	17PK1R0051	Vithanala Jyothsna	II.I B. Pharm	Jyothsna
35.	17PK1S0302	Boddepalli Prathyusha	II.I B. Pharm	B. Prathyusha
36.	17PK1S0304	Kota Sowndarya	II.I B. Pharm	Sowndarya
37.	17PK1S0401	Annabathula Chitti Sai Rupika	II.I B. Pharm	A. Rupika
38.	17PK1S0402	Balla t n Vamsi Krishna	II.I B. Pharm	B. vamsi krishna
39.	17PK1S0403	Gudivada Rohini	II.I B. Pharm	Rohini
40.	17PK1S0405	Nayana Pravallika Sony	II.I B. Pharm	Sony.





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E-mail : [principalvni@yahoo.co.in](mailto:principalvni@yahoo.co.in)

### DAY-WISE SHEET

S.No	Regd. No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	Total
1.	17PK1R0001	Athikamsetti Uma Sai Chaitanya	P	P	P	P	P	P	P	P	P	P	P	P	12
2.	17PK1R0002	Badugu Chinnari	P	P	P	P	P	P	a	P	P	P	P	P	11
3.	17PK1R0004	Bathula Jhansi	P	P	a	P	P	P	P	P	a	P	P	P	10
4.	17PK1R0005	Bayye Amulya	P	P	P	P	P	P	P	P	P	P	P	P	12
5.	17PK1R0007	Bogi Lavanya	P	P	P	P	P	P	P	P	a	P	P	P	11
6.	17PK1R0008	Bonala Sri Lakshmi Rajeev Sarath	P	P	P	a	P	P	P	P	a	P	P	P	10
7.	17PK1R0010	Earle Lakshman Kumar	P	P	P	P	P	P	a	f	P	P	P	P	11
8.	17PK1R0011	Gandreddi Sai Ramya	P	P	P	P	P	P	P	P	P	P	P	P	12
9.	17PK1R0013	Gavara Jayalaxmi Devi	P	P	a	P	P	P	a	P	P	P	P	P	16
10.	17PK1R0014	Gemmela Sandhyasravani	P	P	P	a	P	P	P	P	P	a	P	P	10
11.	17PK1R0016	Gorruptu Sridevi	P	P	P	P	P	P	P	a	P	P	P	P	11
12.	17PK1R0018	Ippili Pavani	P	P	P	P	P	a	P	P	P	P	P	P	11
13.	17PK1R0019	Jalli Alekhya	P	P	P	P	P	P	P	P	P	P	P	P	12
14.	17PK1R0021	Kagana Santhi Kumari	P	P	P	P	P	P	P	P	a	P	P	P	11
15.	17PK1R0022	Kakiliti Manasa	P	P	P	P	a	P	P	P	P	P	P	P	11
16.	17PK1R0024	Kolluru Lavanya	P	a	P	P	P	P	P	P	a	P	P	P	10
17.	17PK1R0025	Kondepudi Lalitha	P	P	P	P	P	P	P	P	P	P	P	P	12
18.	17PK1R0027	Mallavarapu Nandini	P	P	P	P	P	a	P	P	P	P	P	P	11
19.	17PK1R0028	Manduri Naga Sai	P	P	P	P	a	P	P	P	P	P	P	P	11
20.	17PK1R0029	Mukala Divya	P	P	a	P	P	P	P	P	P	a	P	P	16
21.	17PK1R0031	Padala Rushitha Reddy	a	P	P	P	P	a	P	P	P	P	a	P	9
22.	17PK1R0033	Pappala Sunil	P	P	P	P	a	P	P	P	P	a	P	P	10







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**E-mail : [principalvni@yahoo.co.in](mailto:principalvni@yahoo.co.in)**

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**Date: 24/08/2018**

### **PROGRAM REPORT**

**Name of the Event:** A Two Week Certificate Program on “**MICROBIAL QUALITY CONTROL & TESTING**”

**Date:** 06-08-2018 to 21/08/2018

**Resource Person:** Mrs.I. Vasavi

Assistant Professor

Department of Pharmaceutics,

Contact No: 8142092739

Email ID: [vasavithanvi@gmail.com](mailto:vasavithanvi@gmail.com)

**Name of the Co-ordinator:** Dr. P.V. Madhavi Latha,

Associate Professor,

Dept of Pharmaceutical Analysis.

**Venue:**Seminar hall, Viswanadha Institute of Pharmaceutical sciences.

Viswanadha institute of Pharmaceutical Sciences, Sontyam, organized A Two Week certificate program for Pharmacy students on “ **Microbial quality control and testing** ” for II-I B. Pharm students by the resource person **Mrs. I. Vasavi**, involves Knowledge about microbiological parameters, specific microbial tests and its validation. A Total of 40 students participated in this training program and after the



**Objectives:**

1. To acquire knowledge on reviewing the microbiological environmental monitoring
2. To understand the media fill medium growth promotion testing.
3. To Understand the concept of sterility testing.
4. To Understand the other microbiological laboratory issues.

**Learning Outcomes:**

1. To describe diversity of microorganisms.
2. To gain knowledge on bacterial cell structure and function.
3. To understand the concepts of microbial growth and mechanism.
4. To understand the ways to control their growth and by physical and chemical means.

This Course was very useful to the students and their feedback is positive. The management and Dr. P. Umadevi, Principal of Viswanadha Institute of Pharmaceutical sciences, thanked the resource person and participants for making the programme successful.

Madhan  
Co-Ordinator



Principal

**Dr. P.UMADEVI**  
Principal  
Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173



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## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

B. Chinnasi, II<sup>nd</sup> B. Pharm

For his/her participation in the ADD ON CERTIFICATE PROGRAM  
on "MICROBIAL QUALITY CONTROL & TESTING"

held From 6<sup>th</sup> TO 21<sup>st</sup>.AUG .2019,

Organized by

Viswanadha Institute of Pharmaceutical Sciences (VNIPS),

Mindivanipalem (V), Visakhapatnam Andhra Pradesh - 531173 (A.P.)

Madhavi

Co-Ordinator

VNIPS

P. Uma Devi

Principal  
VNIPS



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## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

E. Lakshman Kumar, II B.Pharm

For his/her participation in the ADD ON CERTIFICATE PROGRAM  
on "MICROBIAL QUALITY CONTROL & TESTING"

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VNIPS

P. Usha Devi

Principal  
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## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

Cr. Sai Ramya, II B. Pharm

For his/her participation in the ADD ON CERTIFICATE PROGRAM  
on "MICROBIAL QUALITY CONTROL & TESTING"

held From 6<sup>th</sup> TO 21<sup>st</sup>.AUG .2019,

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## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

I. Pavani, II B. Pharm

For his/her participation in the ADD ON CERTIFICATE PROGRAM  
on "MICROBIAL QUALITY CONTROL & TESTING"  
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P. Uma Devi

Principal  
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## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

K. Lalitha, II B. Pharm

For his/her participation in the ADD ON CERTIFICATE PROGRAM  
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## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

M. Divya, II B.Pharm

For his/her participation in the ADD ON CERTIFICATE PROGRAM  
on "MICROBIAL QUALITY CONTROL & TESTING"

held From 6<sup>th</sup> TO 21<sup>st</sup>.AUG .2019,

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## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

P. Rushmita Reddy, M. B. Pham

For his/her participation in the ADD ON CERTIFICATE PROGRAM  
on "MICROBIAL QUALITY CONTROL & TESTING"

held From 6<sup>th</sup> TO 21<sup>st</sup>.AUG .2019,

Organized by

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Madhavi

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## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

Bayye Amulya (II - B - Pharm)

For his/her participation in the ADD ON CERTIFICATE PROGRAM  
on "MICROBIAL QUALITY CONTROL & TESTING"

held From 6<sup>th</sup> TO 21<sup>st</sup> .AUG .2018,

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## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

Cr. Jayalaxmi Devi (B. B. Pharm)

For his/her participation in the ADD ON CERTIFICATE PROGRAM  
on "MICROBIAL QUALITY CONTROL & TESTING"  
held From 6<sup>th</sup> TO 21<sup>st</sup>.AUG .2018,

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## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

K. Lavanya (II B-pharm)

For his/her participation in the ADD ON CERTIFICATE PROGRAM  
on "MICROBIAL QUALITY CONTROL & TESTING"

held From 6<sup>th</sup> TO 21<sup>st</sup> .AUG .2018,

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Mindivanipalem (V), Visakhapatnam Andhra Pradesh - 531173 (A.P.)

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Mindhivanipalem (V) Sontyam(P) Anandapuram (M) Visakhapatnam (Dist) 531 173

E-mail : principalvnip@yahoo.co.in

Ref no: VNIPS/ Two Week Certificate Program/ Circular/ 2018

Date: 07/09/2018

**CIRCULAR**

It is hereby informed to all **III B.Pharm** students that our college is conducting A Two Week certificate program on “**WATER SOLUBLE POLYMERS**” from 24/09/2018 to 07/10/2018”. All the students shall give their names to coordinator listed below on or before 17/09/2018. Hence, all the students are hereby informed to attend the Program without fail.

**Venue:** Seminar Hall,

Viswanadha Institute of Pharmaceutical Sciences

**Coordinator:** Mrs. M.Gayathri Devi  
Asst. Professor  
Department of Pharmaceutics

**Principal**

**Dr. P.UMADEV I**  
Principal  
Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173

**Copy to:** Notice board





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Mindhivanipalem (V) Sontyam(P) Anandapuram (M) Visakhapatnam (Dist) 531 173

E-mail : principalvniip@yahoo.co.in

### WEEK/ DAY WISE SCHEDULE

Name of the Program: “Water Soluble Polymers”

S.NO	DATE	TOPICS TO BE COVERED
01	24/9/2018	<ul style="list-style-type: none"><li>• Introduction of Water Soluble Polymers, Water Reducible Resins, Classification of polymers</li></ul>
02	25/09/2018	<ul style="list-style-type: none"><li>• Fabrication and Compounding of Water Soluble Polymers</li></ul>
03	26/09/2018	<ul style="list-style-type: none"><li>• Polymerization of Water Soluble Polymers</li></ul>
04	27/09/2018	<ul style="list-style-type: none"><li>• Water Solubility and Sensitivity</li></ul>
05	28/09/2018	<ul style="list-style-type: none"><li>• Properties of Water Soluble Polymers</li></ul>
06	29/09/2018	<ul style="list-style-type: none"><li>• Water Sensitive Gels</li></ul>
07	01/10/2018	<ul style="list-style-type: none"><li>• Application of Polymer Emulsion for Water Based Paints</li></ul>
08	03/10/2018	<ul style="list-style-type: none"><li>• Polymers In Oil Recovery</li></ul>
09	04/10/2018	<ul style="list-style-type: none"><li>• Rheological Characterization</li></ul>
10	05/10/2018	<ul style="list-style-type: none"><li>• Thermo reversible Gels</li></ul>
11	06/10/2018	<ul style="list-style-type: none"><li>• Medical and Pharmaceutical Application</li></ul>
12	07/10/2018	<ul style="list-style-type: none"><li>• Water Soluble Polymers Business</li></ul>



# REGISTRATION FORM

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year/Sem: \_\_\_\_\_

Institution: \_\_\_\_\_

Address for Communication:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

## RESOURCE PERSON

**MS.T AMRUTHA RAI**

Asst. Professor

Dept of Pharmaceutics



## PROGRAM

CO-ORDINATOR

**M.Gayatri Devi**

Asst. Professor

Dept of Pharmaceutics

# WATER SOLUBLE POLYMERS

ADD ON CERTIFICATE PROGRAM

STARTS FROM

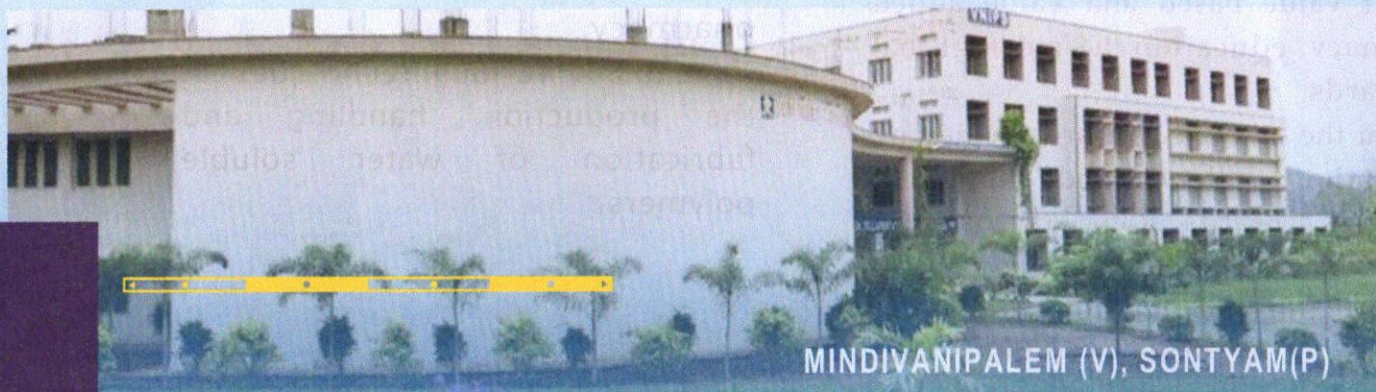
**24<sup>th</sup> SEPT TO 07<sup>th</sup> OCT-2018**



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MINDIVANIPALEM (V), SONTYAM(P)  
ANANDAPURAM (M) VISAKHAPATNAM (DIST)

531173



## ABOUT COLLEGE

Viswanadha Institute of Pharmaceutical Sciences (VNIPS) was established in 2008

VNIPS is affiliated to Jawaharlal Nehru Technological University, Kakinada and approved by All India Council for Technical Education & Pharmacy Council of India, New Delhi.

VNIPS has all state of art facilities required for running the courses in a best way. It has a team of well experienced, vibrant and dynamic faculty under the veteran leadership of Principal Dr. P. Uma Devi. Quality Education is the prime motto of VNIPS.

**VISION:** To transform as reputed institution imparting Pharmacy education and Research in bringing out adept Professionals.

### MISSION:

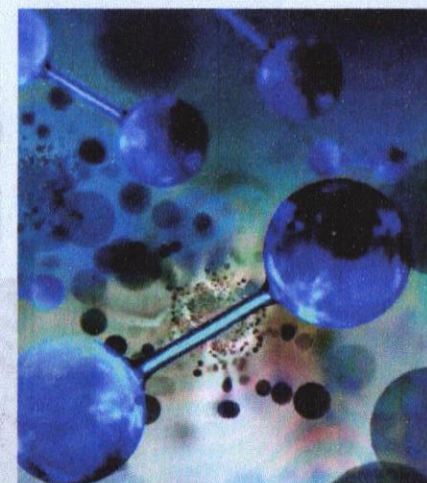
- Impart value based and value added pharmacy education to meet global standards.
- GROOM the students towards achieving academic excellence and encourage Research towards social Orientations with emphasis on health care.
- Nurture the budding Pharmacists in catering to the needs of Industry and Society.
- Strengthen interaction of the

## PROGRAM OBJECTIVE

- To impart knowledge of basic chemistry of water soluble polymers and their applications in the field of Pharmacy..
- To provide a through view of significant water soluble polymers with a focus on industrial pharmacy.
- To explain various techniques in the production, handling and fabrication of water soluble polymers.

## PROGRAM OUTCOMES

- Exhibit a comprehensive knowledge of the various types of commercially important water soluble polymers.
- To impart knowledge about synthetic methods in the field of water soluble polymers.
- Demonstrate a systematic understanding and critical awareness of the solution and interfacial behavior of water soluble polymers at the forefront of current knowledge







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E-mail : principalvniip@yahoo.co.in

**Name of the Program:** Two Week Certificate Program on "WATER SOLUBLE POLYMERS"

**Date:** 24/09/2018-07/10/2018

### ENROLLED STUDENTS LIST

S.NO	Regd.no	Name of the student	Year branch	signature
1	16PK1R0001	Adari Bhanu Bhargavi	III.I.B.Pharm	A. Bhanu Bhargavi
2	16PK1R0002	Akkireddy Renuka	III.I.B.Pharm	A. Renuka
3	16PK1R0003	Amarendra Palla	III.I.B.Pharm	A. Palla
4	16PK1R0004	Batchali Gunasree	III.I.B.Pharm	B. Gunasree
5	16PK1R0005	Bandari Ramesh	III.I.B.Pharm	B. Ramesh
6	16PK1R0006	Bottoli Pavani	III.I.B.Pharm	B. Pavani
7	16PK1R0007	Bokam Lakshmi	III.I.B.Pharm	B. Lakshmi
8	16PK1R0009	Buddha Jyoshna	III.I.B.Pharm	B. Jyoshna
9	16PK1R0011	Dukka Naga Sravani	III.I.B.Pharm	D. Naga Sravani
10	16PK1R0012	Gopidesi sasi sai	III.I.B.Pharm	G. Sasi Sai
11	16PK1R0013	Gudla Lavanya	III.I.B.Pharm	G. Lavanya
12	16PK1R0014	Jagarapu Venkata Durga	III.I.B.Pharm	J.V. Durga
13	16PK1R0017	Kari Vaishnavi	III.I.B.Pharm	K. Vaishnavi
14	16PK1R0018	Korupola Pavan	III.I.B.Pharm	K. Pavan
15	16PK1R0019	Kotni Naveen Kumar	III.I.B.Pharm	K. Naveen
16	16PK1R0020	Kudithi Gayathri	III.I.B.Pharm	K. Gayathri
17	16PK1R0021	Kuna Tejaswini	III.I.B.Pharm	K. Tejaswini
18	16PK1R0022	Lomisi Arun Kumar	III.I.B.Pharm	L. Arun Kumar
19	16PK1R0024	Moturu Sai Divya Vani	III.I.B.Pharm	M. Sai Divya Vani
20	16PK1R0035	Sure Mouni Priya	III.I.B.Pharm	S. Mouni Priya
21	16PK1R0036	Suriseti Lavanya	III.I.B.Pharm	S. Lavanya
22	16PK1R0037	Tadikamalla pavan krishna	III.I.B.Pharm	T. Pavan Krishna
23	16PK1R0038	Terli Pushpalatha	III.I.B.Pharm	T. Pushpalatha
24	16PK1R0039	Viswanadha sree	III.I.B.Pharm	viswanadha sree









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Mindhivanipalem (V) Sontyam(P) Anandapuram (M) Visakhapatnam (Dist) 531 173

E-mail : principalvniip@yahoo.co.in

**Date:** 12/10/2018

### **PROGRAM REPORT**

**Name of The Program:** A Two Week Certificate Program on “ **WATER SOLUBLE POLYMERS**”

**Date:** 24/09/18 to 07/10/18

**Resource person:** T.Amrutha Rai

Asst professor

Viswanadha Institute of pharmaceutical Sciences

Contact number: 8125510322

Email.ID: [amupharma@gmail.com](mailto:amupharma@gmail.com)

**Name of the Co-ordinator:** Ms. M.Gayatri devi

Asst.Professor

Department of pharmaceutics

**Number of students attended:** 24

**Venue:** VNIPS, Seminar Hall

VNIPS, Sontyam Organized a Certificate program on Water soluble polymers for III.I B.Pharm students by the resource Ms.T.Amrutha Rai which involves on going Classifications , properties,



Pharmaceutical industry. In this training program. A total of 24 students have participated. Students were able to understand the Concepts of the topic.

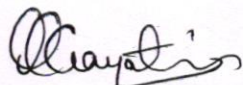
**Objectives:**

1. To impart knowledge of basic chemistry of water soluble polymers and their applications in the field of Pharmacy..
2. To provide a through view of significant water soluble polymers with a focus on industrial pharmacy.
3. To explain various techniques in the production, handling and fabrication of water soluble polymers.

**Learning outcomes:**

- Exhibit a comprehensive knowledge of the various types of commercially important water soluble polymers.
- To impart knowledge about synthetic methods in the field of water soluble polymers.
- Demonstrate a systematic understanding and critical awareness of the solution and interfacial behavior of water soluble polymers at the forefront of current knowledge

This course is useful to Students to acquire knowledge about polymers. Received positive feedback from the students. Our Management and Principal Dr. P.Umadevi conveyed thanks to resource person and wishes to Students. The program was conducted successfully.



**Program Coordinator**



**Principal**

**Dr. P.UMADEVI**  
Principal  
Viswanatha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173





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Mindivanipalem (V), Sontyam (P) Anandapuram (M) Visakhapatnam Andhrapradesh - 531173

## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

J. Venkata Durga (M<sup>rd</sup> B.Pharm)

for His/her Active participation in Add On Certificate Program on

“WATER SOLUBLE POLYMERS ”,

held from 24<sup>th</sup> Sept to 07<sup>th</sup> Oct-2018

Organized by

VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES

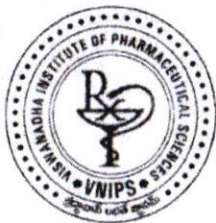
Devaraj

CO-ORDINATOR  
VNIPS

P. Kesava Murthy

PRINCIPAL  
VNIPS





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## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

A. Bharu Bhargavi (III<sup>rd</sup> B.Pharm)

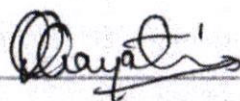
for His/her Active participation in Add On Certificate Program on

**“WATER SOLUBLE POLYMERS ”,**

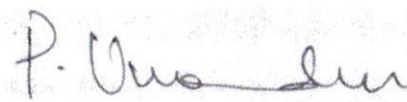
held from **24<sup>th</sup> Sept to 07<sup>th</sup> Oct-2018**

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## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

B. Guna Sree III B. pharm

for His/her Active participation in Add On Certificate Program on

**“WATER SOLUBLE POLYMERS ”,**

held from 24<sup>th</sup> Sept to 07<sup>th</sup> Oct-2018

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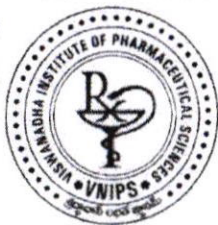
Chaitanya

CO-ORDINATOR  
VNIPS

P. Uma Devi

PRINCIPAL  
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## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

G. Sasi Sai (D B. pharm)

for His/her Active participation in Add On Certificate Program on

**“WATER SOLUBLE POLYMERS ”,**

held from **24<sup>th</sup> Sept to 07<sup>th</sup> Oct-2018**

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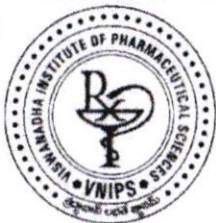
*[Signature]*

CO-ORDINATOR  
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## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

T. Pushpalatha (III<sup>rd</sup> B.pharm)

for His/her Active participation in Add On Certificate Program on

**“WATER SOLUBLE POLYMERS ”,**

held from 24<sup>th</sup> Sept to 07<sup>th</sup> Oct-2018

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## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Viswanadha Sree (U<sup>Yd</sup> B.pharm)

for His/her Active participation in Add On Certificate Program on

**“WATER SOLUBLE POLYMERS ”,**

held from **24<sup>th</sup> Sept to 07<sup>th</sup> Oct-2018**

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## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

B. Jyoshna. (III<sup>rd</sup> B. pharm)

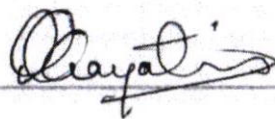
for His/her Active participation in Add On Certificate Program on

**“WATER SOLUBLE POLYMERS ”,**

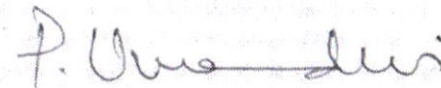
held from 24<sup>th</sup> Sept to 07<sup>th</sup> Oct-2018

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## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

T. Pushpa.latha (III - B. Pharm)

for His/her Active participation in Add On Certificate Program on

**"WATER SOLUBLE POLYMERS",**

held from 24<sup>th</sup> Sept to 07<sup>th</sup> Oct-2018

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## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

G. Lavanya (III - B. Pharm)

for His/her Active participation in Add On Certificate Program on

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## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

A. Renuka (III - B - Pharm)

for His/her Active participation in Add On Certificate Program on

**"WATER SOLUBLE POLYMERS"**,

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E-mail : [principalvnip@yahoo.co.in](mailto:principalvnip@yahoo.co.in)

Ref no: VNIPS/ Two week Certificate program/ Circular/ 2018

Dt: 23/11/2018

### CIRCULAR

It is hereby informed to all **III,II(VI semester) B.Pharm students**, that our college is conducting A Two Week Certificate Program on “ **PHARMACOKINETIC CONCEPTS** ” from 03/12/2018 to 17/12/2018. All the students shall enroll their names on or before 28/11/2018, hence all the students are informed to attend the program without fail.

Venue: VNIPS Seminar Hall.

Co-ordinator: Mrs.P. Siva Lalitha  
Assistant Professor  
Pharmaceutical Analysis

Principal

**Dr. P.UMADEVI**  
Principal  
Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173

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E-mail : [principalvniip@yahoo.co.in](mailto:principalvniip@yahoo.co.in)

### WEEK/ DAY WISE SCHEDULE

S.NO	Date	Topics to be covered
1	03/12/2018	<ul style="list-style-type: none"><li>• Basic concepts in Pharmacokinetics</li></ul>
2	04/12/2018	<ul style="list-style-type: none"><li>• Compartmental and Non-compartmental models</li></ul>
3	05/12/2018	<ul style="list-style-type: none"><li>• One Compartment open model ( IV Infusion and IV Injection- unchanged drug in plasma / urine)</li></ul>
4	06/12/2018	<ul style="list-style-type: none"><li>• One Compartment open model (Extra-vascular Administration)</li></ul>
5	07/12/2018	<ul style="list-style-type: none"><li>• Two Compartment open model (IV Bolus- unchanged drug in plasma / urine)</li></ul>
6	08/12/2018	<ul style="list-style-type: none"><li>• Two Compartment open model (IV Infusion- unchanged drug in plasma/ urine)</li></ul>
7	10/12/2018	<ul style="list-style-type: none"><li>• Two Compartment open model (Oral route-unchanged drug in plasma / urine)</li></ul>
8	11/12/2018	<ul style="list-style-type: none"><li>• Three Compartment open model</li></ul>
9	13/12/2018	<ul style="list-style-type: none"><li>• Multiple Dose Regimen ( one compartment repetitive IV Injection)</li></ul>
10	14/12/2018	<ul style="list-style-type: none"><li>• Multiple Dose Regimen (one compartment open model repetitive extravenuous dosing)</li></ul>
11	15/12/2018	<ul style="list-style-type: none"><li>• Two Compartment open model in Multiple Dose Regimen</li></ul>
12	17/12/2018	<ul style="list-style-type: none"><li>• Non linear Pharmacokinetics</li></ul>



# Registration Form

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Institution: \_\_\_\_\_

Address for Communication:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

## Resource Person

**Dr B NAGAMANI**  
Assoc professor  
Dept of Pharmaceutics

## Co-ordinator

**P.Sivalalitha**  
Asst professor  
Dept of Analysis

# ADD ON CERTIFICATE PROGRAM PHARMACOKINETIC CONCEPTS

**FROM 03<sup>rd</sup> TO 17<sup>th</sup>. DEC - 2018**



## VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES

Affiliated to J.N.T.U.K-Kakinada, Approved by PCI & A.I.C.T.E, New Delhi



MINDIVANIPALEM (V), SONTYAM(P)  
ANANDAPURAM (M) VISAKHAPATNAM (DIST)  
531173



## ABOUT INSTITUTION

Viswanadha Institute of Pharmaceutical Sciences (VNIPS) was established in 2008. VNIPS is affiliated to Jawaharlal Nehru Technological University, Kakinada and approved by All India Council for Technical Education & Pharmacy Council Of India, New Delhi.

VNIPS has all state of art facilities required for running the courses in a best way. It has a team of well experienced, vibrant and dynamic faculty under the veteran leadership of Principal Dr. P. Uma Devi. Quality Education is the prime motto of VNIPS.

**VISION:** To transform as reputed institution imparting Pharmacy education and Research in bringing out adept Professionals.

### MISSION:

- Impart value based and value added pharmacy education to meet global standards.
- Groom the students towards achieving academic excellence and encourage Research towards social Orientations with emphasis on health care.
- Nurture the budding Pharmacists in catering to the needs of Industry and Society.
- Strengthen interaction of the institute with Industry and Hospitals.

# About Program

## OBJECTIVES

- To explain the basic concepts of Pharmacokinetics in detail.
- A brief lecture on Compartmental and Non-compartmental models.
- To describe One and Two Compartment Models for both IV Bolus and IV Infusion.
- To give awareness on Multiple Dose Regimen, Loading Dose and Non-linear Pharmacokinetics.

## OUTCOMES

- Upon completion of the program the students should be able to explain the effect of Pharmacokinetic parameters on the biological effect of the drug.
- They must understand the complete concept of Compartmental Modelling.
- Also they should be able to select the correct Pharmacokinetic model based on plasma level or urinary excretion data that best describes the ADME





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Mindhivanipalem (V) Sontyam(P) Anandapuram (M) Visakhapatnam (Dist) 531 173

E-mail : [principalvnp@yahoo.co.in](mailto:principalvnp@yahoo.co.in)

### LIST OF ENROLLED STUDENTS

**Name of the Program:** A Two Week Certificate Program on “PHARMACOKINETIC CONCEPTS ”

Date: 03/12/2018 to 17/12/2018

S.NO	Regd No	Name of the Student	Year/ Branch	Signature
1	16PK1R0002	Akkireddy Renuka	III.II B.Pharm	X. Renuka
2	16PK1R0003	Amarendra Palla	III.II B.Pharm	A. Palla
3	16PK1R0004	Batchali Guna Sree	III.II B.Pharm	B. Guna Sree
4	16PK1R0005	Bendari Ramesh	III.II B.Pharm	B. Ramesh
5	16PK1R0006	Bobbili Pavani	III.II B.Pharm	B. Pavani
6	16PK1R0008	Boni Jaya Sri	III.II B.Pharm	B. Jaya Sri
7	16PK1R0010	Dalayi Yamini	III.II B.Pharm	D. Yamini
8	16PK1R0012	Gopidesi Sasi sai	III.II B.Pharm	G. Sasi Sai
9	16PK1R0013	Gudla Lavanya	III.II B.Pharm	G. Lavanya
10	16PK1R0015	Kandi Murali Krishna	III.II B.Pharm	K. Murali Krishna
11	16PK1R0016	Kari Reshma	III.II B.Pharm	K. Reshma
12	16PK1R0020	Kudithi Gayathri	III.II B.Pharm	K. Gayathri
13	16PK1R0021	Kuna Tejaswani	III.II B.Pharm	K. Tejaswani
14	16PK1R0022	Lomisi Arun Kumar	III.II B.Pharm	L. Arun Kumar
15	16PK1R0023	Majji Navya Sree	III.II B.Pharm	M. Navya Sree
16	16PK1R0026	Padala Bhargavi	III.II B.Pharm	P. Bhargavi
17	16PK1R0030	Pilli Venkata Lakshmi	III.II B.Pharm	P. Venkata Lakshmi
18	16PK1R0031	Pothina Devi	III.II B.Pharm	P. Devi
19	16PK1R0032	Rajana Vaishnavi	III.II B.Pharm	R. Vaishnavi
20	16PK1R0033	Rajana Kishore	III.II B.Pharm	R. Kishore
21	16PK1R0034	Sanapala Sonali	III.II B.Pharm	S. Sonali





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E-mail : principalvni@vahoo.co.in

### DAYWISE ATTENDANCE SHEET

Name of the programme: Two Week Certificate Program on “ PHARMACOKINETIC CONCEPTS”

Date:03/12/18 to 17/12/18

AY: 2018-2019

S.No	Regd. No.	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	16PK1R0002	Akkireddy Renuka	P	P	P	P	P	P	P	P	P	P	P	P	12
2	16PK1R0003	Amarendra Palla	P	P	P	P	P	P	P	P	P	P	P	P	12
3	16PK1R0004	Batchali Guna Sree	P	P	P	P	P	P	P	A	P	P	P		11
4	16PK1R0005	Bendari Ramesh	P	P	A	P	P	A	P	P	P	P	P	P	10
5	16PK1R0006	Bobbili Pavani	P	P	P	P	P	P	P	P	P	P	P	A	11
6	16PK1R0008	Boni Jaya Sri	P	P	P	P	P	A	P	P	P	P	P	P	11
7	16PK1R0010	Dalayi Yamini	P	P	P	P	P	P	P	P	A	P	P	P	11
8	16PK1R0012	Gopidesi Sasi sai	P	P	A	P	P	P	P	P	P	P	A	P	10
9	16PK1R0013	Gudla Lavanya	P	P	P	P	P	P	P	P	P	P	P	P	12
10	16PK1R0015	Kandi Murali Krishna	P	P	P	P	P	A	P	P	P	P	P	P	11
11	16PK1R0016	Kari Reshma	P	P	P	P	P	P	P	P	P	P	P	P	12
12	16PK1R0020	Kudithi Gayathri	P	P	P	P	P	P	P	P	P	P	A	P	11
13	16PK1R0021	Kuna Tejaswani	P	P	P	P	P	P	P	P	P	P	P	P	12
14	16PK1R0022	Lomisi Arun Kumar	P	P	A	P	P	P	P	P	P	P	P	P	11
15	16PK1R0023	Majji Navya Sree	P	P	P	P	P	P	P	P	P	P	P	P	12
16	16PK1R0026	Padala Bhargavi	P	P	P	P	P	P	P	P	P	P	P	P	12
17	16PK1R0030	Pilli Venkata Lakshmi	P	P	P	P	P	P	A	P	P	P	P	P	11
18	16PK1R0031	Pothina Devi	P	P	P	P	P	P	P	P	P	P	A	P	11
19	16PK1R0032	Rajana Vaishnavi	P	P	P	P	P	P	P	P	P	P	P	P	12
20	16PK1R0033	Rajana Kishore	P	P	A	P	P	P	P	P	A	P	P	P	10
21	16PK1R0034	Sanapala Sonali	P	P	P	P	P	P	P	P	A	P	A	P	10





## **VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES**

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Mindhivanipalem (V) Sontyam(P) Anandapuram (M) Visakhapatnam (Dist) 531 173

E-mail : [principalvnip@yahoo.co.in](mailto:principalvnip@yahoo.co.in)

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### **PROGRAM REPORT**

**DATE: 21/12/2018**

**Name of the program:** A two week certificate program on “**PHARMACOKINETIC CONCEPTS**”

Date: 03/12/18 to 17/12/18

**Resource person :** Dr. B.Nagamani

Associate Professor

Viswanadha Institute of Pharmaceutical Sciences

Contact number: 9985407591

Email.ID: [bnmtata@gmail.com](mailto:bnmtata@gmail.com)

**Name of the Co-ordinator:** Mrs.P.Siva Lalitha

Assistant Professor

Viswanadha Institute of Pharmaceutical Sciences

**Number of students Enrolled:** 21

**Venue:** VNIPS Seminar Hall

Viswanadha Institute of Pharmaceutical Sciences organized A Two Week Certificate program on “**PHARMACOKINETIC CONCEPTS**” for III.II(VI semester) **B.Pharm** students by the **Resource person** – Dr.B.Nagamani. She explained about various aspects in Pharmacokinetic concepts. A total of 21 students participated in this program and gained knowledge about this topic. They were able to understand the following Objectives and Learning outcomes.





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E-mail : [principalvnip@yahoo.co.in](mailto:principalvnip@yahoo.co.in)

---

### Objectives:

1. To explain the basics concepts of Pharmacokinetics in detail.
2. A brief lecture on Compartmental and Non-compartmental models.
3. To describe One and Two Compartment Models for both IV Bolus and IV Infusion.
4. To give awareness on Multiple Dose Regimen, Loading Dose and Non-linear Pharmacokinetics.

### Learning Outcomes:

1. Upon completion of the program the students should be able to explain the effect of Pharmacokinetic parameters on the biological effect of the drug.
2. They must understand the complete concept of Compartmental Modelling.
3. Also they should be able to select the correct Pharmacokinetic model based on plasma level or urinary excretion data that best describes the ADME.

This Program is useful to students to acquire knowledge about Pharmacokinetic concepts in detail. We got a very positive response from students. Our Management and Principal Dr. P. Umadevi conveyed thanks to Resource person and wishes to Students.

*P. Siva Lalitha*

Program Coordinator

*P. Umadevi*

Principal

**Dr. P. UMADEVI**  
Principal  
Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173



# VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES

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Approved by PCI & A.I.C.T.E, New Delhi

## CERTIFICATE OF PARTICIPATION



Proudly present to :

A. Renuka (3<sup>rd</sup> B.Pharm)

For his/her participation in the ADD ON CERTIFICATE PROGRAM

on "PHARMACOKINETIC CONCEPTS " held From 3<sup>rd</sup> TO 17<sup>th</sup>. Dec - 2018

Organized by Viswanadha Institute of Pharmaceutical Sciences (VNIPS), Mindivanipalem (V),  
Visakhapatnam Andhra Pradesh - 531173 (A.P.)

P. Siva Lalitha

**Program Co-Ordinator**

P. Venkatesh

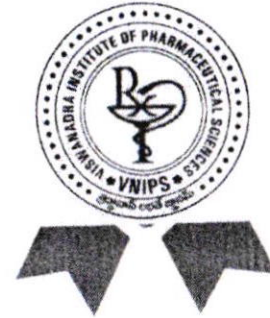
**Principal**



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Proudly present to :

Amarendra Palla (3<sup>rd</sup> B.Pharm)

For his/her participation in the ADD ON CERTIFICATE PROGRAM

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P. Siva Lalitha

**Program Co-Ordinator**

P. Venkatesh

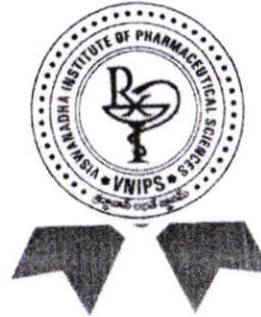
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## CERTIFICATE OF PARTICIPATION



Proudly present to :

B. Ramesh (3<sup>rd</sup> B.Pharm)

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P. Siva Lalitha

**Program Co-Ordinator**

VNIPS

P. Uma Devi

**Principal**

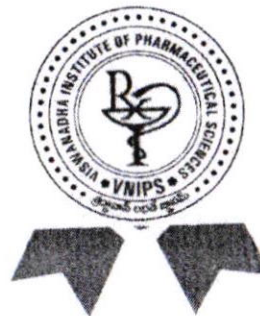
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Proudly present to :

S. Sonali (3<sup>rd</sup> B. Pharm)

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P. Siva Lalitha

Program Co-Ordinator

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P. Uma Devi

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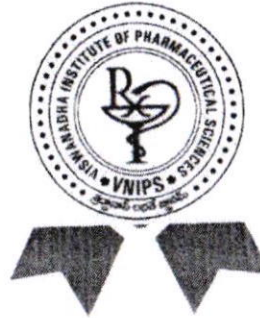
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**CERTIFICATE**  
**OF PARTICIPATION**



Proudly present to :

R. Vaishnavi (3<sup>rd</sup> B.Pharm)

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P. Siva Lalitha  
**Program Co-Ordinator**

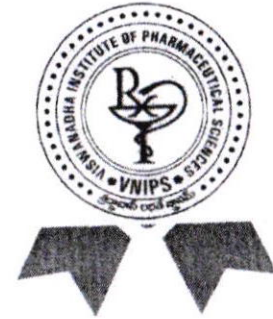
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Proudly present to :

P. Devi (3<sup>rd</sup> B. Pharm)

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Program Co-Ordinator

P. Uma Devi

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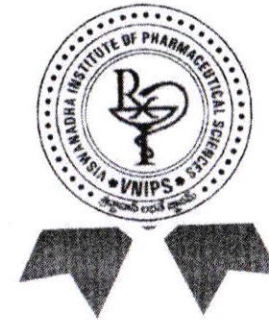
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Proudly present to :

K. Gayathri (3<sup>rd</sup> B. Pharm)

For his/her participation in the ADD ON CERTIFICATE PROGRAM

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P. Siva Lalitha

**Program Co-Ordinator**

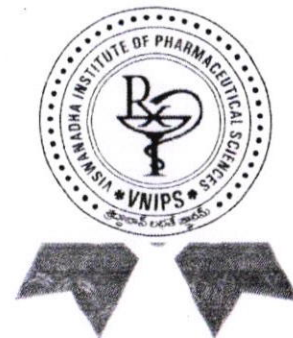
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G. Lavanya (III - B. Pharm)

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OF PARTICIPATION**

Proudly present to

*P. Bhargavi (III - B - Pharm)*

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*P. Siva Lalitha*

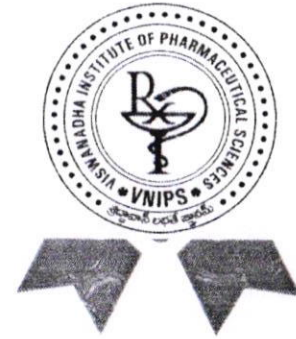
**Program Co-Ordinator**

VNIPS

*P. Umashankar*

**Principal**

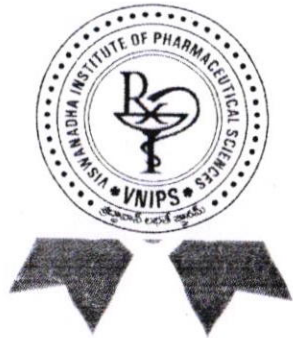
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## CERTIFICATE OF PARTICIPATION

Proudly present to

B. Pavani (III . B. Pharm)

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P. Siva Lalitha

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Mindhivanipalem (V) Sontyam(P) Anandapuram (M) Visakhapatnam (Dist) 531 173

E-mail : principalvniip@yahoo.co.in

Ref no: VNIPS/ Two Week Certificate Program/ Circular/ 2018

Date: 01/12/2018

### CIRCULAR

It is hereby informed to all **IV.II** (VIII Semester) **B.Pharm** students, that our college is conducting A Two Week certificate program on “**EFFECTIVENESS OF ANTIBIOTICS**” from 12/12/2018 to 27/12/2018. All the students shall enroll their names on or before 10/12/2018 hence, all the students are informed to attend the Program without fail.

**Venue:** Seminar Hall, Viswanadha Institute of Pharmaceutical Sciences

**Coordinator:** Mrs. I. Vasavi  
Asst. Professor  
Department of Pharmaceutical Microbiology

Principal

**Dr. P. UMADEVI**

Principal

Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173

**Copy to:** Notice board





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Mindhivanipalem (V) Sontyam(P) Anandapuram (M) Visakhapatnam (Dist) 531 173  
E-mail : principalvnp@yahoo.co.in

### WEEK/ DAY WISE SCHEDULE

**Name of the Program: "EFFECTIVENESS OF ANTIBIOTICS"**

Date: 12/12/2018 to 27/12/2018

S.No	Date	Topic to be covered
01	12/12/2018	<ul style="list-style-type: none"><li>• Introduction of Antibiotics</li></ul>
02	13/12/2018	<ul style="list-style-type: none"><li>• Different types of Antibiotics</li></ul>
03	14/12/2018	<ul style="list-style-type: none"><li>• Different route of administration for Antibiotics</li></ul>
04	15/12/2018	<ul style="list-style-type: none"><li>• Resistance of Antibiotics</li></ul>
05	17/12/2018	<ul style="list-style-type: none"><li>• Side effects and interactions of Antibiotics</li></ul>
06	18/12/2018	<ul style="list-style-type: none"><li>• Considerations of Antibiotics</li></ul>
07	19/12/2018	<ul style="list-style-type: none"><li>• Relationship between microbes and Antibiotics</li></ul>
08	20/12/2018	<ul style="list-style-type: none"><li>•</li></ul>
09	21/12/2018	<ul style="list-style-type: none"><li>• Prevention of Bacterial Infection</li></ul>
10	22/12/2018	<ul style="list-style-type: none"><li>• Role of Antibiotics in prevention</li></ul>
11	26/12/2018	<ul style="list-style-type: none"><li>• Treatment of Bacterial Infections</li></ul>
12	27/12/2018	<ul style="list-style-type: none"><li>• Missing dose of Antibiotics</li></ul>



# ABOUT PROGRAM

## • RESOURCE PERSON

**MS.GAYATRI DEVI**

ASST. PROFESSOR  
Dept of Pharmaceutics

## • PROGRAM COORDINATOR

**MS. I VASAVI**

Asst. Professor  
Dept of Pharmaceutics

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## ABOUT US

Viswanadha Institute of Pharmaceutical Sciences (VNIPS) was established in 2008. VNIPS is affiliated to Jawaharlal Nehru Technological University, Kakinada and approved by All India Council for Technical Education & Pharmacy Council of India, New Delhi.

VNIPS has all state of art facilities required for running the courses in a best way. It has a team of well experienced, vibrant and dynamic faculty under the veteran leadership of Principal Dr. P. Uma Devi. Quality Education is the prime motto of VNIPS.



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## EFFECTIVENESS OF ANTIBIOTICS

**ADD ON CERTIFICATE PROGRAM**

**DATES**

**12<sup>th</sup> TO 27<sup>th</sup> DEC-2018**



**MINDIVANIPALEM (V), SONTYAM(P)  
ANANDAPURAM (M) VISAKHAPATNAM  
531173**



# REGISTRATION FORM

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year/Sem: \_\_\_\_\_

Institution: \_\_\_\_\_

## Address for Communication:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

# PROGRAM OBJECTIVE

- To Acquire and apply basic pharmacy knowledge in various fields of Pharmacy.
- Provide patient-centered care as a responsible Pharmacist.
- A career in pharmacy, unfolds full of opportunities leading to a golden future for a young career aspirant.
- Define the term “antimicrobials”
- Define the term “antibiotic Resistance”
- Define the term “antibiotic stewardship”
- Define the term “diagnostic stewardship”
- Describe mechanisms of the development of antibiotic resistance.
- Define factors that contribute to antibiotic resistance.
- Describe action steps that one can take to prevent antibiotic resistance and the spread of antibiotic-resistant organisms.

# LEARNING OUTCOMES

- Knowledge about antibiotic prescribing and resistance.
- Knowledge, ability, and interest to use own antibiotic prescribing behavior.
- Understanding of the importance of antibiotics.
- Antibiotics are medicines used to prevent and treat bacterial infections. Antibiotic resistance occurs when bacteria change in response to the use of these medicines.
- To classify common clinically important bacteria, describe what organisms are usually found where and select appropriate antibiotics.







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E-mail : principalvnp@yahoo.co.in

### ENROLLED STUDENTS LIST

**Name of the Program:** Two Week Certificate Program on "EFFECTIVENESS OF ANTIBIOTICS"

**Date:** 12/12/2018 to 27/12/2018

S.NO	Regd.no	Name of the student	Year branch	signature
1	15PK1R0001	Ambati Pallavi	IV.II.B.Pharm	A. Pallavi
2	15PK1R0002	Angati Krishna Veni	IV.II.B.Pharm	A. Krishna Veni
3	15PK1R0003	Animireddy Sandhya Rani	IV.II.B.Pharm	A. Sandhya Rani
4	15PK1R0004	Atcharta Srinu	IV.II.B.Pharm	A. Srinu
5	15PK1R0006	Chirra Nandini	IV.II.B.Pharm	C. Nandini
6	15PK1R0007	Choppa Revathi	IV.II.B.Pharm	C. Revathi
7	15PK1R0011	Kasarapu Anuradha	IV.II.B.Pharm	K. Anuradha
8	15PK1R0012	Kavati Naveena Rani	IV.II.B.Pharm	K. Naveena Rani
9	15PK1R0013	Ketha Sri Lekhya	IV.II.B.Pharm	K. Sri Lekha
10	15PK1R0015	Koribilli Nirupama	IV.II.B.Pharm	K. Nirupama
11	15PK1R0016	Limmaka Pavani	IV.II.B.Pharm	L. Pavani
12	15PK1R0018	Malla Harika	IV.II.B.Pharm	M. Harika
13	15PK1R0019	Muppidi Vital Reddy	IV.II.B.Pharm	M. vital reddy
14	15PK1R0022	Pasagadugula Ashok	IV.II.B.Pharm	P. ashok
15	15PK1R0023	Pilla Gnanesh Kalyan Babu	IV.II.B.Pharm	P. G. Kalyan
16	15PK1R0024	Pinninti Yamini	IV.II.B.Pharm	P. G. Kalyan Babu
17	15PK1R0028	Poluri Chiranjeevi Reddy	IV.II.B.Pharm	P. Chiranjeevi Reddy
18	15PK1R0029	Pugaliya Bharat Kumar	IV.II.B.Pharm	P. Bharat Kumar
19	15PK1R0030	Pyla Sowjanya	IV.II.B.Pharm	P. Sowjanya
20	15PK1R0033	Sirasapalli Pavani	IV.II.B.Pharm	S. Pavani
21	15PK1R0034	Songa Sai Lakshmi	IV.II.B.Pharm	S. Sai lakshmi
22	15PK1R0035	Vadamadulu Sirisha	IV.II.B.Pharm	V. Sirisha









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E-mail : principalvnip@yahoo.co.in

**Date:** 31/12/2018

### **PROGRAM REPORT**

**Name of The Program:** A Two Week Certificate Program on “EFFECTIVENESS OF ANTIBIOTICS”

**Date:** 12/12/2018 to 27/12/2018

**Resource person:** Ms.M Gayathri Devi  
Asst. Professor  
Department of Pharmaceutics  
Viswanadha Institute of pharmaceutical sciences  
Contact number: 9160352

Email.ID: gayatriminnu@gmail.com

**Name of the Co-ordinator:** Mrs. I. Vasavi  
Asst.Professor  
Department of Pharmaceutics

**Number of Students attended:** 22

**Venue:** VNIPS, Seminar Hall

VNIPS, Sontyam Organized a Certificate program on “Effectiveness of Antibiotics” for IV.II(VIII Semester) B.Pharm students by the resource person Ms M.Gayatri Devi. She explained about Different route of administration for Antibiotics and uses and side effects, Resistance of antibiotics and career guidance in pharmacy field. In this training program totally 22 students have participated. Students were able to understand the following Objectives and Learning outcomes.

#### **Objectives:**

- Define the term “antimicrobials”
- Define the term “antibiotic Resistance”



- Define the term “diagnostic stewardship”
- Describe mechanisms of the development of antibiotic resistance.
- Define factors that contribute to antibiotic resistance.
- Describe action steps that one can take to prevent antibiotic resistance and the spread of antibiotic-resistant organisms.

**Learning outcomes:**

- Knowledge about antibiotic prescribing and resistance.
- Knowledge, ability, and interest to use own antibiotic prescribing behavior.
- Understanding of the importance of antibiotics.
- Antibiotics are medicines used to prevent and treat bacterial infections. Antibiotic resistance occurs when bacteria change in response to the use of these medicines.
- To classify common clinically important bacteria, describe what organisms are usually found where and select appropriate antibiotics.

This course is useful to Students to acquire knowledge about “**Effectiveness of Antibiotics**” Received positive feedback from the students. Our Management and Principal Dr. P.Umadevi conveyed thanks to resource person and wishes to Students. The program was conducted successfully.

*I. Vasavi*

**Program Coordinator**

*P. Umadevi*

**Principal**

**Dr. P.UMADEVI**  
Principal  
Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 :





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## CERTIFICATE

Of Participation

This certificate is proudly presented to

A. Pallavi IV B.Pharm

for His/her active participation in Add On Certificate Program on  
**"EFFECTIVENESS OF ANTIBIOTICS"**, held from **12<sup>th</sup> TO 27<sup>th</sup> Dec-2018**

Organized by

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T. Vadavi

**Co-Ordinator**  
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P. Uma Devi

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## CERTIFICATE

Of Participation

This certificate is proudly presented to

Ch. Nandini IV.B.Pharm

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## CERTIFICATE

Of Participation

This certificate is proudly presented to

M. Harika T.V. Phasru

for His/her active participation in Add On Certificate Program on  
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This certificate is proudly presented to

P. Yamini IV Bpharm

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This certificate is proudly presented to

S. Sai Lakshmi V. Bpharu

for His/her active participation in Add On Certificate Program on  
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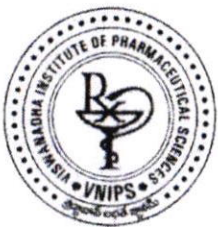
I. Vaalavi

**Co-Ordinator**  
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P. Umadevi

**Principal**  
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V. Srissha Ev. B Pharms

for His/her active participation in Add On Certificate Program on  
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D. Vaslavi

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P. Venkatesh

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Ch. Revathi IV - B.Pharm

for His/her active participation in Add On Certificate Program on  
**"EFFECTIVENESS OF ANTIBIOTICS"**, held from **12<sup>th</sup> TO 27<sup>th</sup> Dec-2018**

Organized by

VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES,  
Mindivanipalem (V) Visakhapatnam (Dist) 531173

L. Vasavi

**Co-Ordinator**  
VNIPS

P. Uma Devi

**Principal**  
VNIPS





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Mindivanipalem (V), Sontyam (P) Anandapuram (M) Visakhapatnam Andhrapradesh - 531173

## CERTIFICATE

### OF PARTICIPATION

This certificate is proudly presented to

K. Anuradha (IV-Bpharm)

for His/her active participation in Add On Certificate Program on  
**"EFFECTIVENESS OF ANTIBIOTICS"**, held from **12<sup>th</sup> TO 27<sup>th</sup> Dec-2018**

Organized by

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I. Vagani

Co-Ordinator  
VNIPS

P. Uma Devi

Principal  
VNIPS





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## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

K. Nibupama W.B.Pharm

for His/her active participation in Add On Certificate Program on  
"EFFECTIVENESS OF ANTIBIOTICS", held from **12<sup>th</sup> TO 27<sup>th</sup> Dec-2018**

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T. Vadavi

Co-Ordinator  
VNIPS

P. Chandra Sekhri

Principal  
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## CERTIFICATE

### OF PARTICIPATION

This certificate is proudly presented to

L. Pavani W.BPharm

for His/her active participation in Add On Certificate Program on  
**"EFFECTIVENESS OF ANTIBIOTICS"**, held from **12<sup>th</sup> TO 27<sup>th</sup> Dec-2018**

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Mindivanipalem (V) Visakhapatnam (Dist) 531173

T. Vasavi

Co-Ordinator  
VNIPS

P. Venkatesh

Principal  
VNIPS





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Mindhivanipalem (V) Sontyam(P) Anandapuram (M)Visakhapatnam (Dist) 531 173

E-mail : principalvnip@yahoo.co.in

Ref no: VNIPS/ Two week Certificate Program/Circular/2019

**Date: 07/02/2019**

**CIRCULAR**

It is hereby informed to all **II-II ( IV semester) B.Pharm** students, that our college is conducting A Two Week Certificate program on “ **CONCEPTS OF STEREOCHEMISTRY**” from **11/02/2019** to **23/02/2019**, hence, all the students are hereby informed to attend the Program without fail.

**Venue:** Seminar hall, Viswanadha Institute of Pharmaceutical sciences.

**Co-ordinator:** Mrs. A. Sowjanya,

Assistant Professor

Dept of Pharmaceutics.

Viswanadha Institute Of Pharmaceutical Sciences

Principal

**Dr. P.UMADEVI**  
Principal  
Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531

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Mindhivanipalem (V) Sontyam(P) Anandapuram (M)Visakhapatnam (Dist) 531 173

**E-mail : [principalvni@yahoo.co.in](mailto:principalvni@yahoo.co.in)**

### Day Wise Schedule

S.No	Date	Topics to be covered
1	11/02/2019	Introduction to stereochemistry
2	12/02/2019	Geometrical isomerism and its application to molecules
3	13/02/2019	Rules of Z & E nomenclature and its applications
4	14/02/2019	Introduction to optical isomerism
5	15/02/2019	Relative configuration (D & L) and its applications
6	16/02/2019	Absolute configuration (R & S) and its applications
7	18/02/2019	Application of R&S configuration for fishers projection compounds
8	19/02/2019	Enantiomers and diastereomers
9	20/02/2019	Elements of symmetry
10	21/02/2019	Stereochemistry of Allenes
11	22/02/2019	Atrope isomerism
12	23/02/2019	Application of stereochemistry to various drug molecules





VISWANADHA INSTITUTE OF  
PHARMACEUTICAL SCIENCES

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## RESOURCE PERSON

**K.PUSHPA RAMALAKSHMI**

Asst professor  
Dept. of Chemistry

## CO-ORDINATOR

**Ms.A.Sowjanya**

Asst professor  
Dept of Pharmaceutics

ADD ON  
CERTIFICATE PROGRAM

---

## CONCEPTS OF STEREOCHEMISTRY

FROM

11<sup>th</sup> TO 23<sup>rd</sup> FEB-2019



# ABOUT INSTITUTION

Viswanadha Institute of Pharmaceutical Sciences (VNIPS) was established in 2008.

VNIPS is affiliated to Jawaharlal Nehru Technological University, Kakinada and approved by All India Council for Technical Education & Pharmacy Council of India, New Delhi.

VNIPS has all state of art facilities required for running the courses in a best way. It has a team of well experienced, vibrant and dynamic faculty under the veteran leadership of Principal Dr. P. Uma Devi. Quality Education is the prime motto of VNIPS.

**VISION:** To transform as reputed institution imparting Pharmacy education and Research in bringing out adept Professionals.

## MISSION:

- Impart value based and value added pharmacy education to meet global standards.
- Groom the students towards achieving academic excellence and encourage Research towards social orientations with emphasis on health care.
- Nurture the budding Pharmacists in catering to the needs of Industry and Society.
- Strengthen interaction of the institute with Industry and Hospitals.

## OBJECTIVES

- To gain knowledge on basic stereochemical concepts
- To understand the Chemistry behind the drug activity based on the stereochemistry concepts.
- To acquire knowledge on Structural activity relationship based on the stereochemical aspects
- To understand relationship between Organic and medicinal chemistry.

## OBJECTIVES

- To distinguish between different kinds of isomers
- To assign cis/trans or E&Z configuration to any unsaturated compounds.
- To distinguish the compounds between mirror images that are superimposable and non superimposable.
- To apply priority rules to assign R & S configuration to different molecules.
- To understand the relationship between the physical properties and chemical properties of pairs of enantiomers or diastereomers.
- To understand the relationship between specific rotation and biological properties of a pair of enantiomers and diastereomers.

## REGISTRATION FORM

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Institution: \_\_\_\_\_

Address for Communication:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_





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E-mail : [principalvnip@yahoo.co.in](mailto:principalvnip@yahoo.co.in)

### ENROLLED STUDENTS LIST

**Name of the Program:** A Two Week Certificate program on “**Concepts of Stereochemistry**”

Date: 11/02/19 to 23/02/19

AY - 2018-2019

S.No	Regd. No	Name of the student	Year Batch	Signature
1.	17PK1R0001	Athikamsetti Uma Sai Chaitanya	II.II B. Pharm	A.uma sai chaitanya
2.	17PK1R0003	Bammidi Saranya	II.II B. Pharm	B. Saranya
3.	17PK1R0005	Bayye Amulya	II.II B. Pharm	B. Amulya
4.	17PK1R0006	Beera Devi	II.II B. Pharm	B. Devi
5.	17PK1R0008	Bonala Sri Lakshmi Rajeev Sarath	II.II B. Pharm	Bsl. Rajeev Sarath
6.	17PK1R0009	Bonda Ramya Sri	II.II B. Pharm	B. Ramya Sri
7.	17PK1R0011	Gandreddi Sai Ramya	II.II B. Pharm	G. Sai Ramya
8.	17PK1R0012	Gara Surekha	II.II B. Pharm	G. surekha
9.	17PK1R0014	Gemmela Sandhyasravani	II.II B. Pharm	G. Sandhyasravani
10.	17PK1R0015	Gokada Harika	II.II B. Pharm	G. Harika
11.	17PK1R0017	Illapu Pavani	II.II B. Pharm	I. Pavani
12.	17PK1R0019	Jalli Alekhya	II.II B. Pharm	J. Alekhya
13.	17PK1R0021	Kagana Santhi Kumari	II.II B. Pharm	K.S Kumari
14.	17PK1R0023	Kandregula Rohitha	II.II B. Pharm	K. Rohitha
15.	17PK1R0025	Kondepudi Lalitha	II.II B. Pharm	K. Lalitha
16.	17PK1R0026	Kranthy	II.II B. Pharm	Kranthy



17.	17PK1R0028	Manduri Naga Sai	II.II B. Pharm	M. Naga Sai
18.	17PK1R0030	Neelakayala Pavani	II.II B. Pharm	N. Pavani
19.	17PK1R0032	Pandiri Divya	II.II B. Pharm	P. Divya
20.	17PK1R0034	Penki Sravani	II.II B. Pharm	P. Sravani
21.	17PK1R0036	Perla Dhanalatha	II.II B. Pharm	P. Dhanalatha
22.	17PK1R0037	Rayudu Supriya	II.II B. Pharm	R. Supriya
23.	17PK1R0039	Shabana Khatoon	II.II B. Pharm	S. Khatoon
24.	17PK1R0041	Suddala Nandini	II.II B. Pharm	S. Nandini
25.	17PK1R0043	Tanakala Rohita	II.II B. Pharm	T. Rohita
26.	17PK1R0044	Tangeti Susmitha Kumari	II.II B. Pharm	T. Susmitha Kumari
27.	17PK1R0045	Vanam Priyanka	II.II B. Pharm	V. Priyanka
28.	17PK1R0046	Varri Tejasri	II.II B. Pharm	V. Tejasri
29.	17PK1R0048	Velpula Aditya Prasanthi	II.II B. Pharm	V. Aditya Prasanthi
30.	17PK1R0049	Vemagiri Ravi Kumar	II.II B. Pharm	V. Ravi Kumar
31.	17PK1R0051	Vithanala Jyothsna	II.II B. Pharm	V. Jyothsna
32.	17PK1S0301	Battula Srinitha	II.II B. Pharm	B. Srinitha
33.	17PK1S0302	Boddepalli Prathyusha	II.II B. Pharm	B. Prathyusha
34.	17PK1S0304	Kota Sowndarya	II.II B. Pharm	K. Sowndarya
35.	17PK1S0305	Sriramaneni Lavanya	II.II B. Pharm	S. Lavanya
36.	17PK1S0401	Annabathula Chitti Sai Rupika	II.II B. Pharm	A. Chitti Sai Rupika
37.	17PK1S0403	Gudivada Rohini	II.II B. Pharm	Rohini
38.	17PK1S0404	Imandi Indu	II.II B. Pharm	I. Indu
39.	17PK1S0405	Nayana Pravallika Sony	II.II B. Pharm	N. Pravallika





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E-mail : principalvni@yahoo.co.in

### DAY-WISE SHEET

S.No	Regd. No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	17PK1R0001	Athikamsetti Uma Sai Chaitanya	P	P	P	P	a	P	P	P	P	P	P	P	11
2	17PK1R0003	Bammidi Saranya	P	P	a	P	P	P	P	P	P	a	P	P	10
3	17PK1R0005	Bayye Amulya	a	P	P	P	P	P	P	a	P	P	P	P	10
4	17PK1R0006	Beera Devi	P	P	a	P	P	P	P	P	P	a	P	P	10
5	17PK1R0008	Bonala Sri Lakshmi Rajeev Sarath	P	P	P	P	P	P	a	P	P	P	P	P	11
6	17PK1R0009	Bonda Ramya Sri	P	P	P	P	P	a	P	P	P	P	P	P	11
7	17PK1R0011	Gandreddi Sai Ramya	P	P	P	P	P	P	P	P	P	P	P	P	12
8	17PK1R0012	Gara Surekha	P	P	P	P	a	P	P	P	P	P	P	P	11
9	17PK1R0014	Gemmela Sandhyasravani	P	P	P	P	P	P	P	a	P	P	P	P	11
10	17PK1R0015	Gokada Harika	P	P	a	P	P	P	P	P	P	P	P	P	11
11	17PK1R0017	Illapu Pavani	P	P	P	a	P	P	P	P	P	P	P	P	11
12	17PK1R0019	Jalli Alekhya	P	a	P	P	P	P	P	P	P	P	P	a	10
13	17PK1R0021	Kagana Santhi Kumari	P	P	P	P	a	P	P	P	P	a	P	P	10
14	17PK1R0023	Kandregula Rohitha	P	P	P	P	P	P	P	P	P	P	P	P	12
15	17PK1R0025	Kondepudi Lalitha	P	P	a	P	P	P	P	P	P	P	P	P	11
16	17PK1R0026	Kranthy	P	a	P	P	P	P	P	a	P	P	P	a	9
17	17PK1R0028	Manduri Naga Sai	P	P	a	P	P	P	P	P	P	a	P	P	10
18	17PK1R0030	Neelakayala Pavani	P	P	P	P	P	P	P	P	P	P	P	P	12
19	17PK1R0032	Pandiri Divya	P	P	a	P	P	P	P	P	a	P	P	P	10
20	17PK1R0034	Penki Sravani	P	P	P	P	a	P	P	P	P	a	P	P	10
21	17PK1R0036	Perla Dhanalatha	P	P	a	P	P	P	P	P	a	P	P	P	10



22	17PK1R0037	Rayudu Supriya	P	a	P	P	P	P	P	P	P	a	P	P	10
23	17PK1R0039	Shabana Khatoon	P	P	P	P	a	P	P	P	P	P	P	P	11
24	17PK1R0041	Suddala Nandini	a	P	P	P	P	P	P	a	P	P	P	P	10
25	17PK1R0043	Tanakala Rohita	P	P	P	P	P	P	P	P	P	P	P	P	12
26	17PK1R0044	Tangeti Susmitha Kumari	P	a	P	P	P	P	P	P	a	P	P	P	10
27	17PK1R0045	Vanam Priyanka	P	P	P	P	P	a	P	P	P	P	P	P	11
28	17PK1R0046	Varri Tejasri	P	P	a	P	P	P	P	P	P	P	P	P	11
29	17PK1R0048	Velpula Aditya Prasanthi	P	a	P	P	P	P	a	P	P	P	P	P	10
30	17PK1R0049	Vemagiri Ravi Kumar	P	P	P	a	P	P	P	P	P	a	P	P	10
31	17PK1R0051	Vithanala Jyothsna	P	P	a	P	P	P	P	P	a	P	P	P	10
32	17PK1S0301	Battula Srinitha	a	P	P	P	P	a	P	P	P	P	P	P	10
33	17PK1S0302	Boddepalli Prathyusha	P	P	P	P	P	a	P	P	P	P	P	P	11
34	17PK1S0304	Kota Sowndarya	P	P	P	P	P	P	P	P	P	P	P	P	12
35	17PK1S0305	Sriramaneni Lavanya	P	P	P	P	P	P	P	P	P	a	P	P	11
36	17PK1S0401	Annabathula Chitti Sai Rupika	P	P	P	P	P	P	P	P	a	P	P	P	11
37	17PK1S0403	Gudivada Rohini	P	P	P	P	a	P	P	P	P	P	P	P	11
38	17PK1S0404	Imandi Indu	P	P	P	a	P	P	P	P	P	P	P	P	11
39	17PK1S0405	Nayana Pravallika Sony	P	P	P	P	a	P	P	P	P	P	P	P	11





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E-mail : [principalvnip@yahoo.co.in](mailto:principalvnip@yahoo.co.in)

---

**Date: 26/02/2019**

**PROGRAM REPORT**

**Name of the Event:** A Two Week Certificate Program on “**CONCEPTS OF STEREOCHEMISTRY**”.

**Date:** 11-02-2019 to 23-02-2019

**Resource Person:** Mrs. K. Pushpa Ramalakshmi,

Assistant Professor,

Department of Pharmaceutical Chemistry,

Contact No: 9490579998

Email ID: [luckypharmacy24@gmail.com](mailto:luckypharmacy24@gmail.com)

**Name of the Co-ordinator:** Mrs. A. Sowjanya,

Assistant Professor

Dept of Pharmaceutics.

**Venue:** Seminar hall, Viswanadha Institute of Pharmaceutical sciences.

Viswanadha institute of Pharmaceutical Sciences, Sontyam, organized A Two Week certificate program on Concepts of Stereochemistry for II-II B. Pharm students by the resource person **Mrs. K. Pushpa Ramalakshmi**, involves Introduction to stereochemistry, awareness on different stereochemistry concepts related to drugs and its activity. A Total of 39 students participated in this training program and after the completion of the program they were able to understand the objectives of the program.



**Objectives:**


1. To gain knowledge on basic stereochemical concepts
2. To understand the Chemistry behind the drug activity based on the stereochemistry concepts.
3. To acquire knowledge on Structural activity relationship based on the stereochemical aspects
4. To understand relationship between organic and medicinal chemistry.

**Learning Outcomes:**

1. To distinguish between different kinds of isomers
2. To assign cis/trans or E&Z configuration to any unsaturated compounds.
3. To distinguish the compounds between mirror images that are superimposable and non superimposable.
4. To apply priority rules to assign R & S configuration to different molecules.
5. To understand the relationship between the physical properties and chemical properties of pairs of enantiomers or diastereomers.
6. To understand the relationship between specific rotation and biological properties of a pairs of enantiomers and diastereomers.

This Course was very useful to the students and their feedback is positive. The management and Dr. P. Umadevi, Principal of Viswanadha Institute of Pharmaceutical sciences, thanked the resource person and participants for making the programme successful.

  
Co-Ordinator

  
Principal  
**Dr. P.UMADEVI**  
Principal  
Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173





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## CERTIFICATE OF PARTICIPATION

WE PROUDLY PRESENT TO

K. Sowndarya (II B. Pharm)

For his/her participation in ADD ON CERTIFICATE PROGRAM on

**"CONCEPTS OF STEREOCHEMISTRY"**

held From 11<sup>th</sup> TO 23<sup>rd</sup> Feb-2019, Organized

by

Viswanadha Institute of Pharmaceutical Sciences (VNIPS), Mindivanipalem (V),

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Sowjanya

Co-Ordinator  
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P. Venkatesh

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## CERTIFICATE OF PARTICIPATION

PROUDLY PRESENT TO

G. Surekha (II.B.Pharm)

For his/her participation in the ADD ON CERTIFICATE  
PROGRAM on "CONCEPTS OF STEREOCHEMISTRY"

held From 11<sup>th</sup> TO 23<sup>rd</sup> Feb-2019,

Organized by

Viswanadha Institute of Pharmaceutical Sciences (VNIPS), Mindivanipalem (V),

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S. Rajan

Co-Ordinator  
VNIPS

P. Uma Devi

Principal  
VNIPS





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## CERTIFICATE OF PARTICIPATION

PROUDLY PRESENT TO

J. Alekhya (B.Pharm)

For his/her participation in the ADD ON CERTIFICATE  
PROGRAM on "CONCEPTS OF STEREOCHEMISTRY"

held From 11<sup>th</sup> TO 23<sup>rd</sup> Feb-2019,

Organized by

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Visakhapatnam Andhra Pradesh - 531173 (A.P.)

Soujanya

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## CERTIFICATE OF PARTICIPATION

PROUDLY PRESENT TO

K-Rohitha II.B.Pharm

For his/her participation in the ADD ON CERTIFICATE  
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held From 11<sup>th</sup> TO 23<sup>rd</sup> Feb-2019,

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Visakhapatnam Andhra Pradesh - 531173 (A.P.)

Sreejanyu

Co-Ordinator  
VNIPS

P. Umadevi

Principal  
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## CERTIFICATE OF PARTICIPATION

PROUDLY PRESENT TO

M. Nagasai (II-B.Pharm)

For his/her participation in the ADD ON CERTIFICATE  
PROGRAM on "CONCEPTS OF STEREOCHEMISTRY"  
held From 11<sup>th</sup> TO 23<sup>rd</sup> Feb-2019,

Organized by

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P. Venjaya

Co-Ordinator  
VNIPS

P. Venjaya

Principal  
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## CERTIFICATE OF PARTICIPATION

PROUDLY PRESENT TO

P. Sravani (B.Pharm)

For his/her participation in the ADD ON CERTIFICATE  
PROGRAM on "CONCEPTS OF STEREOCHEMISTRY"

held From 11<sup>th</sup> TO 23<sup>rd</sup> Feb-2019,

Organized by

Viswanadha Institute of Pharmaceutical Sciences (VNIPS), Mindivanipalem (V),

Visakhapatnam Andhra Pradesh - 531173 (A.P.)

S. G. Sontyam

Co-Ordinator  
VNIPS

P. Umeswari

Principal  
VNIPS





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## CERTIFICATE OF PARTICIPATION

PROUDLY PRESENT TO

N. Pravalika Sony (B.Pharm)

For his/her participation in the ADD ON CERTIFICATE  
PROGRAM on "CONCEPTS OF STEREOCHEMISTRY"

held From 11<sup>th</sup> TO 23<sup>rd</sup> Feb-2019,

Organized by

Viswanadha Institute of Pharmaceutical Sciences (VNIPS), Mindivanipalem (V),  
Visakhapatnam Andhra Pradesh - 531173 (A.P.)

Sowjanya

Co-Ordinator  
VNIPS

P. Uma Devi

Principal  
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# VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES

Affiliated to J.N.T.U.K-Kakinada, Approved by PCI & A.I.C.T.E, New Delhi  
Mindivanipalem (V), Sontyam (P) Anandapuram (M) Visakhapatnam Andhrapradesh - 531173

## CERTIFICATE OF PARTICIPATION

PROUDLY PRESENT TO

S. Lavanya (B. Pharm.)

For his/her participation in the ADD ON CERTIFICATE  
PROGRAM on "CONCEPTS OF STEREOCHEMISTRY"  
held From 11<sup>th</sup> TO 23<sup>rd</sup> Feb-2019,

Organized by

Viswanadha Institute of Pharmaceutical Sciences (VNIPS), Mindivanipalem (V),  
Visakhapatnam Andhra Pradesh - 531173 (A.P.)

S. Lavanya

Co-Ordinator  
VNIPS

P. Uma Devi

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P. Divya (II. B.pharm)

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Soujanya

Co-Ordinator  
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P. Umadevi

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## CERTIFICATE OF PARTICIPATION

WE PROUDLY PRESENT TO

B. Srilakshmi Rajeev Sarath (B. Pharm)

For his/her participation in ADD ON CERTIFICATE PROGRAM On

“CONCEPTS OF STEREOCHEMISTRY“

held From 11<sup>th</sup> TO 23<sup>rd</sup> Feb-2019, Organized

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Sowjanya

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Mindhivanipalem (V) Sontyam(P) Anandapuram (M) Visakhapatnam (Dist) 531 173

E-mail : principalvni@yaho.co.in

Ref no: VNIPS/ Two Week Certificate Program/ Circular/ 2019

Date: 18/04/2019

**CIRCULAR**

It is hereby informed to all **I.II** (II Semester) **B.Pharm** students, that our college is conducting A Two Week certificate program on "**PHARMACEUTICAL RADIOISOTOPES**" from 29/04/2019 to 13/05/2019. All the students shall enroll their names on or before 25/04/2019 hence, all the students are informed to attend the Program without fail.

**Venue:** Seminar Hall, Viswanadha Institute of Pharmaceutical Sciences

**Coordinator:** Mrs. P. Sivalalitha  
Asst. Professor  
Department of Pharmaceutical analysis

**Principal**  
**Dr. P. UMADEVI**  
Principal  
Viswanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 173

**Copy to:** Notice board





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Mindhivanipalem (V) Sontyam(P) Anandapuram (M) Visakhapatnam (Dist) 531 173

E-mail : principalvnip@yahoo.co.in

### WEEK/ DAY WISE SCHEDULE

**Name of the Program: "PHARMACEUTICAL RADIOISOTOPES"**

S.No	Date	Topic to be covered
01	29/04/2019	• Introduction to the Radioisotope
02	30/04/2019	• Introduction to Radiation Measurement
03	01/05/2019	• Basic Criteria for Radiation Measurement
04	02/05/2019	• Statistics (Error of Measurement)
05	03/05/2019	• Radioactive Decay
06	04/05/2019	• Properties of radiation and Interaction with Matters
07	06/05/2019	• Radiation Detection and Measurement
08	08/05/2019	• Nuclear Analysis (Identification and Calibration of Nuclides)
09	09/05/2019	• Radiochemical separation Technique
10	10/05/2019	• Radioisotopes in chemistry
11	13/05/2019	• Radioisotopes in Biological Sciences



## RESOURCE PERSON

### K. SUVARNA

- Asst professor  
Dept of Analysis

## CO-ORDINATOR

### P. SIVALALITHA

- Asst professor  
Dept of Analysis

## REGISTRATION FORM

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year/Sem: \_\_\_\_\_

Institution: \_\_\_\_\_

### Address for Communication:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

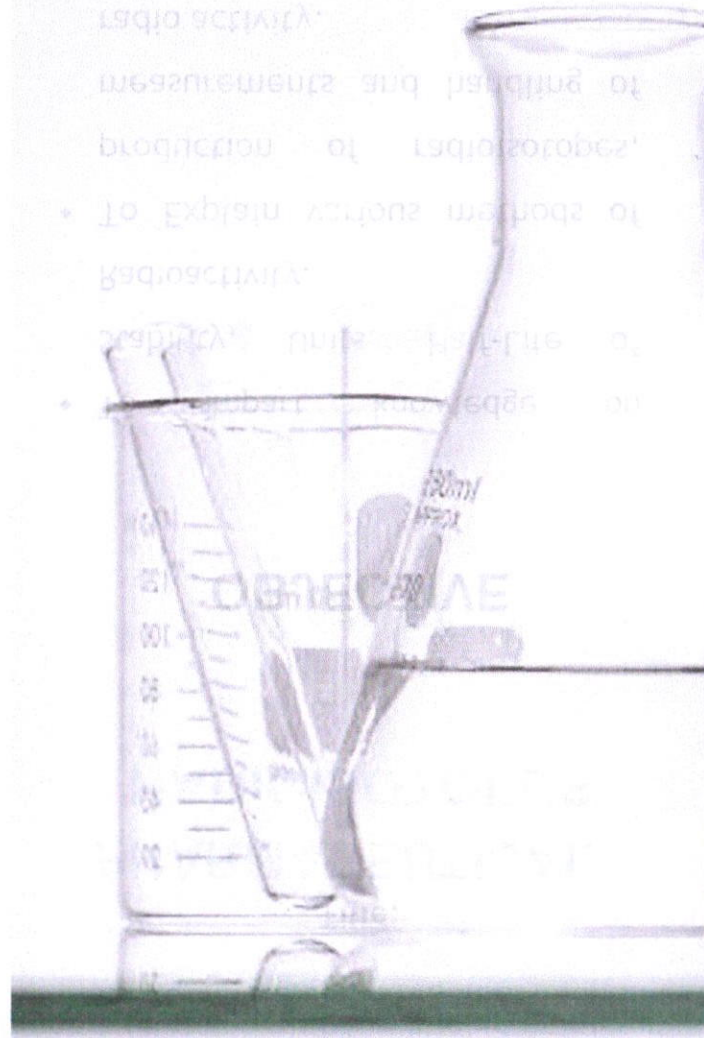
## COURSES OFFERED:

B.PHARMACY ( 4 YEARS ),  
PHARM D

M.PHARMACY

- PHARMACEUTICS

- PHARMACEUTICAL ANALYSIS

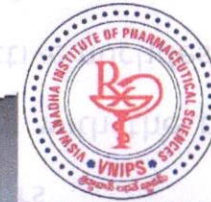


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ADD ON CERTIFICATE PROGRAM

# PHARMACEUTICAL RADIOISOTOPES



Dates

29/4/19 TO 13/5/19

MINDIVANIPALEM (V), SONTYAM(P)  
ANANDAPURAM (M) VISAKHAPATNAM  
531173



## ABOUT INSTITUTION

Viswanadha Institute of Pharmaceutical Sciences (VNIPS) was established in 2008. VNIPS is affiliated to Jawaharlal Nehru Technological University, Kakinada and approved by All India Council for Technical Education & Pharmacy Council of India, New Delhi.

VNIPS has all state of art facilities required for running the courses in a best way. It has a team of well experienced, vibrant and dynamic faculty under the veteran leadership of Principal Dr. P. Uma Devi. Quality Education is the prime motto of VNIPS.

**VISION:** To transform as reputed institution imparting Pharmacy education and Research in bringing out adept Professionals.

### MISSION:

- Impart value based and value added pharmacy education to meet global standards.
- Groom the students towards achieving academic excellence and encourage Research towards social Orientations with emphasis on health care.
- Nurture the budding Pharmacists in catering to the needs of Industry and Society.
- Strengthen interaction of the institute with Industry and Hospitals.

## ABOUT PROGRAM

Title:

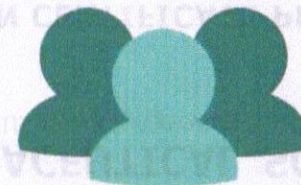
# PHARMACEUTICAL RADIOISOTOPES

## OBJECTIVE

- To impart knowledge on Stability, Units, Half-Life of Radioactivity.
- To Explain various methods of production of radioisotopes, measurements and handling of radio activity.
- To provide a detailed outcome on applications of pharmaceutical radioisotopes in therapy, diagnosis, research's and sterilization.

## OUTCOMES

- To account for fundamental concepts of radiation protection
- To account for interaction between radiation and matter
- To use a variety of radioactivity detectors
- To work with the production of radioactive nuclides
- To Synthesis target molecules labeled with radio nuclides
- To account for the use of labeled







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Mindhivanipalem (V) Sontyam(P) Anandapuram (M) Visakhapatnam (Dist) 531 173

E-mail : principalvni@yahoo.co.in

### Name of the Program: Two Week Certificate Program on "PHARMACEUTICAL RADIOISOTOPES"

Date: 29/04/2019 to 13/05/2019

#### ENROLLED STUDENTS LIST

S.NO	Regd.no	Name of the student	Year branch	Signature
1	18PK1R0002	Bobbari Divya	I.II B.Pharm	B. Divya
2	18PK1R0003	Burra Vandana	I.II B.Pharm	B. Vandana
3	18PK1R0004	Chinni Sravani	I.II B.Pharm	Ch. Sravani
4	18PK1R0005	Chowdada Dileep	I.II B.Pharm	C. Dileep
5	18PK1R0006	Dulla Hemalatha	I.II B.Pharm	D. Hemalatha
6	18PK1R0007	Gullipalli Revathi	I.II B.Pharm	G. Revathi
7	18PK1R0008	Gunta Yuvaraj	I.II B.Pharm	G. Yuvaraj
8	18PK1R0010	Jalluri Likitha	I.II B.Pharm	J. Likitha
9	18PK1R0011	Kareti Jahnvi Devi	I.II B.Pharm	K. Jahnvi Devi
10	18PK1R0012	Kenere Shalini	I.II B.Pharm	K. Shalini
11	18PK1R0017	Kosanam Nandini	I.II B.Pharm	K. Nandini
12	18PK1R0018	Kuna Rajeswari	I.II B.Pharm	K. Rajeswari
13	18PK1R0020	Palivela Priyanka	I.II B.Pharm	P. Priyanka
14	18PK1R0026	Seedam Poojitha	I.II B.Pharm	S. Poojitha
15	18PK1R0027	Silarapu L Lavanya Saraswathi	I.II B.Pharm	S. Lavanya
16	18PK1R0028	Tamarana Durga Bhavani	I.II B.Pharm	T. Durga Bhavani
17	18PK1R0030	Vanthala Sandhyadevi	I.II B.Pharm	V. Sandhyadevi
18	18PK1R0032	Vennala Dharani Sree	I.II B.Pharm	V. Dharani Sree
19	18PK1R0033	Yammala Prameela	I.II B.Pharm	Y. Prameela
20	18PK1R0034	Yammala Rajeswari	I.II B.Pharm	Y. Rajeswari
21	18PK1R0035	Yerra Lavanya	I.II B.Pharm	Y. Lavanya









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E-mail : principalvnp@yahoo.co.in

---

**Date:** 16/5/19

**PROGRAM REPORT**

**Name of The Program:** A Two Week Certificate Program on “**PHARMACEUTICAL RADIOISOTOPES**”

**Date:** 29/04/2019 to 13/05/2019

**Resource person:** Mrs. K. Suvarna  
Asst. Professor  
Department of Pharmaceutical Analysis  
VNIPS  
Contact number: 7416760496  
Email.ID: suvarnakasi@gmail.com

**Name of the Co-ordinator:** Mrs. P. Sivalalitha  
Asst. Professor  
Department of Pharmaceutical analysis

**Number of students attended:** 21

**Venue:** VNIPS, Seminar Hall

VNIPS, Sontyam Organized a Certificate program on “**pharmaceutical Radioisotopes**” for I.II(IISemister) B.Pharm students by the resource person Mrs. K.Suvarna which involves on Radiation Detection and mesurments, properties of radiation and Radio isotopes in chemistry. It enhances the biological response of drugs and career guidance in pharmacy field. In this training program totally 21 students have participated. Students were able to understand the following Objectives and Learning outcomes.

**Objectives:**

- To impart knowledge on Stability, Units, Half-Life of Radioactivity.
- To Explain various methods of production of radioisotopes, measurements and handling of radio activity.
- To provide a detailed out come on applications of pharmaceutical raidoisotopes in therapy, diagnosis, reasearch and sterilization.



**Learning outcome:**

- To account for fundamental concepts of radiation protection
- To account for interaction between radiation and matter
- To use a variety of radioactivity detectors
- To work with the production of radioactive nuclides
- To Synthesis target molecules labeled with radio nuclides
- To account for the use of labeled

This course is useful to Students to acquire knowledge about Pharmaceutical Radioisotopes. Received positive feedback from the students. Our Management and Principal Dr. P.Umadevi conveyed thanks to resource person and wishes to Students. The program was conducted successfully.

*P. Siva Lalitha*  
**Program Coordinator**

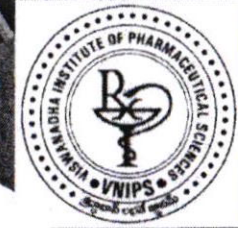
*P. Umadevi*

**Principal**  
**Dr. P.UMADEVI**  
Principal  
Vowanadha Inst. of  
Pharmaceutical Sciences  
Visakhapatnam - 531 111



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## CERTIFICATE OF PARTICIPATION

IS PRESENTED TO

B. Divya (I. B. Pharm)

FOR HIS/HER ACTIVE PARTICIPATION IN ADD ON CERTIFICATE PROGRAM ON  
"PHARMACEUTICAL RADIOISOTOPES"

ORGANIZED BY

VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES, VISAKHAPATNAM

held from 29/4/19 TO 13/5/19.

P. Siva Lalitha

Co-Ordinator

VNIPS

P. Uma Devi

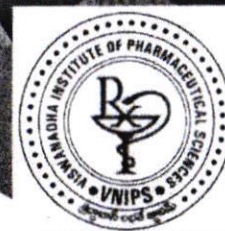
Principal

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Ch. Sravani (I.B. Pharm)

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P. Urvasini

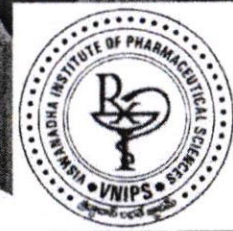
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K. Shalini (I. B. Pharm)

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Co-Ordinator

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P. Uma Devi

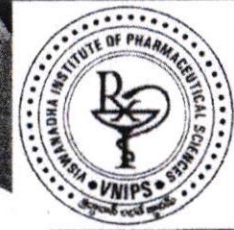
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P. Prameela (I. B. Pharm)

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Co-Ordinator

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P. Uma Devi

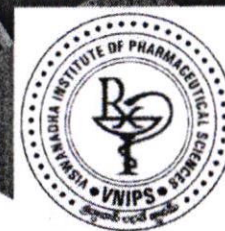
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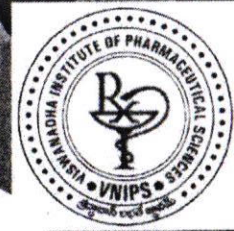
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IS PRESENTED TO

G. Yuvaraj (I.B.Pharm)

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P. Siva Lalitha

Co-Ordinator

VNIPS

P. Venkatesh

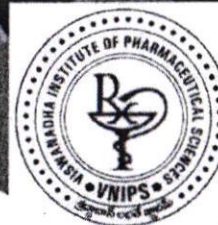
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P. Siva Lalitha

Co-Ordinator

VNIPS

P. Uma Devi

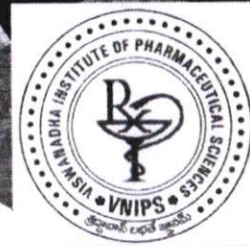
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*D. Hema latha (I - B - Pharm)*

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*P. Siva Lalitha*

Co-Ordinator

VNIPS

*P. Umesh*

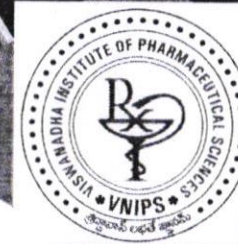
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## CERTIFICATE OF PARTICIPATION

IS PRESENTED TO

S. Poojitha (D. B. pharm)

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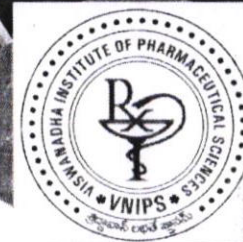
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B. Vandana (I-B-Pharm)

FOR HIS/HER ACTIVE PARTICIPATION IN ADD ON CERTIFICATE PROGRAM ON

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P. Siva Lalitha

Co-Ordinator

VNIPS

P. Umasu

Principal

VNIPS