

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA-521108.

DATE: 15.06.2018

**CIRCULAR**

This is to inform **IV B Pharm** students have  
“**Campus Recruitment Training**” classes and **III B Pharm**  
students have “**Soft Skills**” as per the schedule given below.  
Hence, all the students are hereby informed to attend the classes  
without fail.

**III B Pharm – 18<sup>th</sup> June to 14<sup>th</sup> July, 2018**

**IV B Pharm - 25<sup>th</sup> June to 14<sup>th</sup> July, 2018**



Handwritten signatures in blue ink, including initials like "AN", "S", "BH", "CB", "CP", "G", and "B".

Principal

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PIN - 521 108

# A CERTIFICATE PROGRAMME

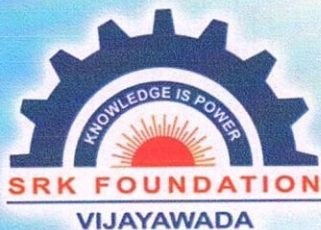
on

# “CAMPUS RECRUITMENT TRAINING”

from 25-6-18 to 14-7-18



Organized By



## VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

ENIKEPADU, VIJAYAWADA



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VIJAYA INSTITUTE  
PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU VIJAYAWADA 521 002

## **PROGRAMME OBJECTIVES :**

Campus Recruitment training (CRT) at is designed to aid candidates in their preparation for Recruitment through Campuses or outside campuses. Students in their final step of graduation looking for placement in reputed organizations can make use of this training to get to deliver their best in the selection processes of organizations.

1. Train the students to think out of the box.
2. Mock Group Discussion sessions
3. Resume making and information Sessions
4. Interactive Methodology (Audio & Video base)
5. Grooming, Body Language, Soft Skills, Attitude etc.

## **RESOURCE PERSON :**

**Mr. L.V. Gangadhara Rao**  
Gannavaram,  
Krishna District. Pin - 521107.  
Email: lvg.futurewise@gmail.com  
Contact : 9866078269

## **ORGANIZATION COMMITTEE**

**B. S. Sri Krishna**  
Secretary, SRK Foundation, Vijayawada

**Mr. S. Venkateswara Rao**  
Programme Co-Ordinator , VIPW, Vijayawada

**Dr. K. Padmalatha**  
Convenor, Principal, VIPW, Vijayawada

## **STUDENT CO-ORDINATORS**

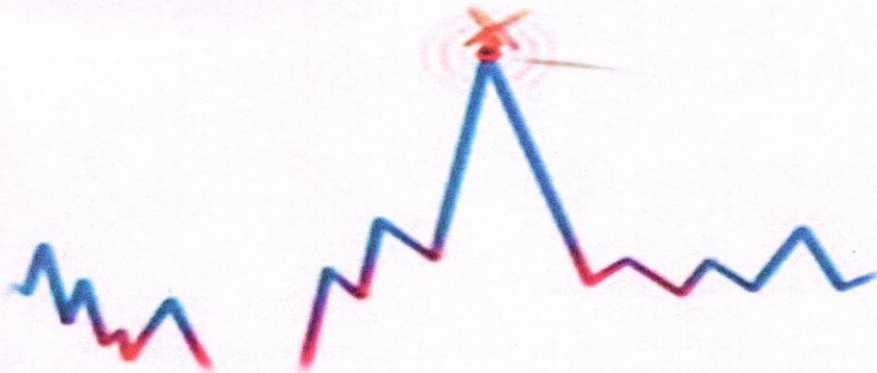
Ms. Kolli Sravani  
Ms. Gunde Bhavya



  
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*Approach Note for Delivery of  
Campus Recruitment Training  
program for VIPW Students.*




D.No. 1-23, Near Panchayath Office, Savaragudem (P.O), Gannavaram,  
Krishna District - 521107

Mobile: 9866078269

E – mail: [lvf.futurewise@gmail.com](mailto:lvf.futurewise@gmail.com)



  
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## Campus Recruitment Training (C R T)



*For the Vijaya Institute of Pharmaceutical Sciences for Women Students:*

**Campus Recruitment Training (C R T)** is a specially designed campus interview module for pre-final and final year graduate students. Our teams of experts have studied the recruitment process of Industries such as *Pharma, IT, ITeS, Banking, Telecom, Automobile, FMCG, and Hotel*, and have used this to design a curriculum which will help your students be better prepared for their placement process.

As the students near the end of their course, their technical acumen would have been perfected by their college. Students now need to hone their aptitude and personality. To navigate the hurdles of the various methods in selection process like Psychometric test, M.R Round, Extempore, JAM, Mock Press, GD and PI, aspirants must know the process and what is required. Campus Recruitment Training (C R T), from *Future Wise's* program helps you:


- ❖ To assist the learner identify, analyze, introspect and understand one's own personality traits so that they can answer confidently and concisely with complete understanding.
- ❖ To give the learner a platform to express their ideas freely, listen to others patiently, come forward with rational ideas and emerge as a well rounded personality.
- ❖ To help students outline the purpose of presentation, understand the group's needs, establish rapport with the group, maintain poise and answer queries convincingly.
- ❖ To equip learners with skills that help them conduct themselves appropriately and bring in a holistic change in them to face the world with confidence.
- ❖ To empower the students with enhanced vocabulary and help them to handle complex situations through apt and impressive expressions.

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<b>Name of Class : B.Pharmacy - IV.</b>	<b>Course : Campus Recruitment Training</b>
<b>Duration of Course : 3 weeks</b>	<b>Duration : 2 Hrs.</b>

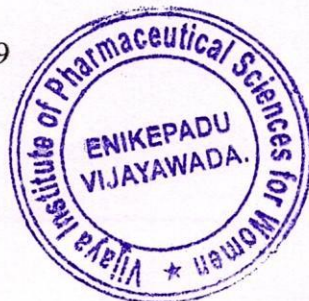
**DETAILED SESSION PLAN**


<b>Session</b>	<b>Topic name</b>	<b>Approach</b>
1	<i>Self Awareness</i> & <i>Psychometric test</i>	❖ Aptitude and personality assessment, suggestions for improvement.
2	Industry Expectations & Career Planning	❖ Academics and Industry – Current Scenario ❖ Gaps ❖ A few Myths ❖ Industry Expectations on Skill base.
3	Communicating Professional; In an Interview.	❖ Recognize the importance of Body language. And manage Body language for success in an Interview.
4	JAM	❖ Practice Session
5	Grooming and Etiquette	❖ Identify the importance of appropriate dress sense and grooming in an Interview.
6	Group Discussions	❖ Know the importance of GD for final placements.
7	MOCK GD	❖ Practice Session
8	Resume Writing	❖ Customization of Resume to the candidate.
9	Interview concepts	❖ Elaborate on the interview concepts

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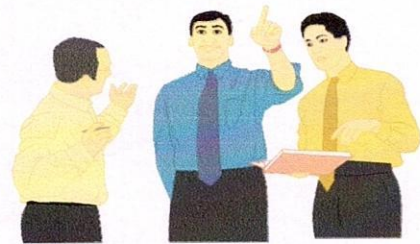


  
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10	MOCK Interview (Personal)	❖ Practice Session
11	Interviews : Personal	❖ We discuss introducing self and more about self in Personal Interviews.
12	Interviews : H R	❖ Different questions asked by HR and how to give answers for them.
13	Interviews : Telephonic	❖ Telephone Etiquette
14	Job Interviews & Video Mirroring	❖ Mock Interviews can be conducted here to give practical exposure to students.
15	Personality Assessment Round	❖ Conducting SWOT Analysis and make Students to realize how to bring the Interviewer to students comfortable zone.

**Training Schedule:**

- ✚ Total no. of students to be trained is 100.
- ✚ There would be 2 batches of 50 students.
- ✚ The training Programme is going to be conducted completely on Power point, Audio, Video (visual) & Role plays, Games and Group activities and Interactive Base Process.
- ✚ The training for the batch would be held as per the schedule for a period of sixteen days @ 2 Hours daily.



**Contact person:**


**Mr. L.V.Gangadhara Rao**  
*Corporate Trainer*  
**Contact No: 9866078269**  
**E-mail: lvg.futurewise@gmail.com**

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# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, VIJAYAWADA – 521108

Telephone No: +91 74165 60999

Fax No: +91 866 2844999

Mail: vijayapharmacyfw@gmail.com

Permitted by Govt. of A.P; Approved by AICTE, New Delhi  
Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada  
**ISO 9001:2015 Certified Institution**

**Date: 21-07-2018**

## REPORT

**Name of the Program: Campus Recruitment Training (CRT)**

**Duration: 25<sup>th</sup> June 2018 to 14<sup>th</sup> July 2018**

**Resource person details: Mr. L.V. Gangadhara Rao**

Future Wise

Gannavaram

Krishna District - 521107

Email: lvg.futurewise@gmail.com

Contact: 9866078269

**Number of students attended: 97**

Future Wise, Gannavaram organized a certificate programme on **Campus Recruitment Training (CRT)** for IV<sup>th</sup> B. Pharmacy students by the resource person **Mr. L. V. Gangadhara Rao** from **25<sup>th</sup> June 2018 to 14<sup>th</sup> July 2018**. The program was designed to train students in the recruitment process which helps them land a good job in a pharmaceutical company. The students were able to understand the following objectives and learning outcomes.

### **Objectives:**

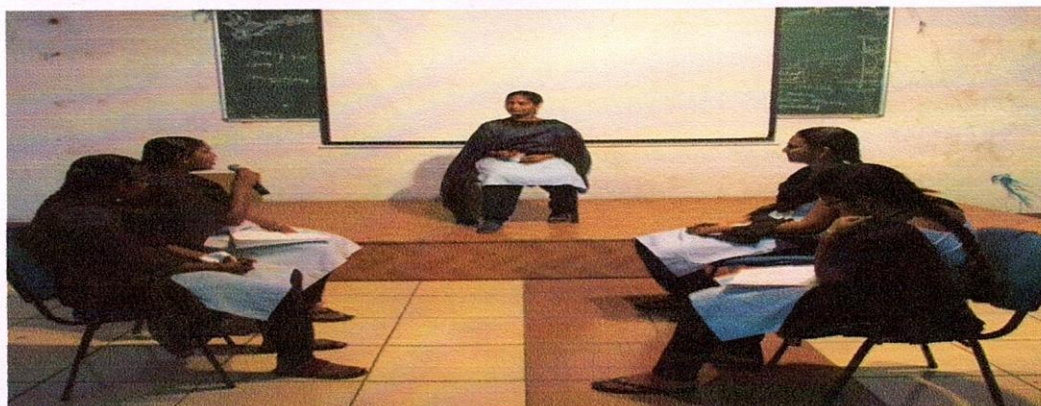
1. Train the students on analytical, logical, verbal, and critical reasoning.
2. Train the students on program include problem-solving and time-saving techniques.
3. Preparedness to become suitable to pharma and non - pharma jobs.
4. Graduates have to enhance their Employable Skills before leaving Educational Institutions.
5. Bridge the gap between industry and university.
6. To develop confidence, communication skills, teamwork (how you manage and engage fellow participants) and technical knowledge of the subject.

### **Learning Outcomes:**

1. Organize and write an effective cover letter and Resume.



2. Exercise judgment and logical decision making in selecting from alternative techniques for Group Discussion & Interview.
3. Understand organizational procedures and policies as related to how the employers process for campus recruitment and employer preferences.
4. Use self-assessments to identify strengths, weaknesses, transferable skills, and prime marketable characteristics.



This course was very much informative to the students and their feedback was positive about the course. The management and Dr. K. Padmalatha, Principal of VIPW thanked the resource person **Mr. L. V. Gangadhara Rao** and participants for making the program successful.

*S. Venkatarao*  
Coordinator



*Dr. K. Padmalatha*  
Principal

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# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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Pharmacy council of India. New Delhi & Affiliated to JNTU Kakinada

Enikepadu, VIJAYAWADA - 521 108.  
Telephone No. : +91 7416560999  
Fax No. : +91 866 2844999  
e-mail : vijayapharmacyfw@gmail.com

## Program Name: CAMPUS RECRUITMENT TRAINING (CRT)

A.Y- 2018-19

Class: IV B. Pharm

Schedule: 25.06.2018 to 14.07.2018

### LIST OF STUDENTS

S. No	Reg.No	Name of the Student
1	157N1R0001	Kolli Sravani
2	157N1R0002	Pasupuleti SandhyaRani
3	157N1R0003	Mungi Lalitha Siva Jyothi
4	157N1R0004	Attuluri Devi Priya Darsini
5	157N1R0005	Veerapaneni Lakshmi Prasanna
6	157N1R0006	Panidapu Srinidhi
7	157N1R0007	Sonekar Swati Vijay
8	157N1R0008	Ayushi Maheshwari
9	157N1R0009	Naserunnisa Sharief
10	157N1R0010	Katamneni Mounika
11	157N1R0011	Dasari Sravani
12	157N1R0012	Mohammad Meharaj
13	157N1R0013	Mamidi Bhavya
14	157N1R0014	Roshni Sekhar
15	157N1R0015	Tirumalasetty Lilly Pushpa
16	157N1R0016	Ghantasala Sairamya
17	157N1R0017	Kasireddy Malleswari
18	157N1R0018	M. T. N. S. Srilakshmi Saraswati
19	157N1R0019	Kotha Sravya
20	157N1R0020	Anumolu Mounika
21	157N1R0021	Vemulapalli Sowmya Sri
22	157N1R0022	Goriparthi Pavani
23	157N1R0023	Duru Preethi
24	157N1R0024	Perni Ramya Krishna
25	157N1R0025	Dontagani Poornima
26	157N1R0026	Thondepu Hari Priya
27	157N1R0027	Panchakarla Lakshmi Sreeja
28	157N1R0028	Sanjana Kotagiri
29	157N1R0029	Nandyala Navya Sri Vani
30	157N1R0030	U. N. Sai Lakshmi Narasa




  
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PIN - 521 108

Contd..... 2

S. No	Reg.No	Name of the Student
31	157N1R0031	Beram Naga Sravya
32	157N1R0032	Sathupati Likhitha
33	157N1R0033	Bopparaju Priyanka
34	157N1R0034	Mannem Usha Kiran
35	157N1R0035	Paidi Mounika
36	157N1R0036	Kanumolu Ramya Krishna
37	157N1R0037	Kondiparthi Naga Prathyusha
38	157N1R0038	Neppala Jagadeeswari
39	157N1R0039	Pamarthi Naga Sowjanya
40	157N1R0040	Gorantla Sai Poornima
41	157N1R0041	Ramisetty Naga Jagadeeswari
42	157N1R0042	Nandam Renuka Prabhandana
43	157N1R0043	Kaladi Navya
44	157N1R0044	Araja Sreehasa
45	157N1R0045	Mohammed Reshma Sulthana
46	157N1R0046	Maddala Rajani
47	157N1R0047	Bandi Naga Manmitha
48	157N1R0048	Tiyyagura Vamsi Meghana
49	157N1R0049	Davuluri Pavani
50	157N1R0050	Spandana Badditi
51	157N1R0051	Kanajam praneetha
52	157N1R0052	Kongala Aswini
53	157N1R0053	Khairunnisa Tasneem
54	157N1R0054	Reddy Gayathri Aparnasai
55	157N1R0056	Shaik Shaheda Begum
56	157N1R0057	Eda Anuhya
57	157N1R0058	V. G. K. D. Maga Swapna
58	157N1R0059	Udumula Nalini
59	157N1R0060	Itta Lakshmi Usha Rani
60	157N1R0061	Gunde Bhavya
61	157N1R0062	Datla Bhagya Sri Vani
62	157N1R0063	M .Y. V. Naga Sai Priya
63	157N1R0064	V. Sri Lakshmi Sai Gayatri
64	157N1R0065	Vejudla Mounika




  
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Contd..... 3

S. No	Reg.No	Name of the Student
65	157N1R0066	Pamu Sai Poojitha
66	157N1R0067	Manuvarthi Sushma
67	157N1R0069	Marepalli Sri Madhulika
68	157N1R0070	Vinnakota Gowthami
69	157N1R0071	Gowravarapu Harshitha
70	157N1R0072	Lakshmi Samrajyam Katta
71	157N1R0073	Sasanala Phani Veda Sri
72	157N1R0074	Battu Gnananjali
73	157N1R0075	Namagiri Aslesha Padmavathi
74	157N1R0076	Kommu Anusha
75	157N1R0077	Nabigaru Sai Ratna Nikhila
76	157N1R0078	Nidamanuru Chamundeswari
77	157N1R0079	Vemulapalli Priyanka
78	157N1R0080	Medepudi Sravya
79	157N1R0081	Chamala Vijaya Durga
80	157N1R0082	Devineni Roopa
81	157N1R0083	Mukku Anusri
82	157N1R0084	Kodamanchili Helen
83	157N1R0085	Paduri Sirisha
84	157N1R0086	Tirumalasetty Kathyayani
85	157N1R0087	Allamsetti Geethanjali
86	157N1R0088	Kadari Kiranmai
87	157N1R0089	Gajjarapu Harshitha
88	157N1R0090	Gandham Anu Pallavi
89	157N1R0091	Vemulapalli Pavani
90	157N1R0092	Vadlagoni Sarath Lavanya
91	157N1R0093	Perni Swethapriya
92	157N1R0094	Kattepogu Bhagya Sri
93	157N1R0095	Appikatla Bhavani
94	157N1R0096	Devangam Bhavana
95	157N1R0097	Koppaka shyamalakshmi
96	157N1R0098	Zakkam Sahithi JeevanSri
97	157N1R0099	Bhukya Bhanumathi Bai



  
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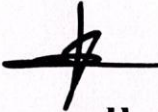
## Certificate of Completion

This is to certify that

Ms


U. Nalini

has successfully completed certificate programme on "**CAMPUS RECRUITMENT TRAINING**" from 25-6-18 to 14-7-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, in association with Future Wise, Gannavaram, Krishna Dist.

  
Mr. L. V. Gangadhara Rao

Convenor  
Future Wise



  
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ENIKEPADU VIJAYAWADA 521 108

  
Prof. K. Padmalatha

Principal  
VIPW



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## Certificate of Completion

This is to certify that


Ms G. Lakshmi Usha Rani

has successfully completed certificate programme on "CAMPUS RECRUITMENT TRAINING" from 25-6-18 to 14-7-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, in association with Future Wise, Gannavaram, Krishna Dist.

  
Mr. L. V. Gangadhara Rao  
Convenor  
Future Wise



  
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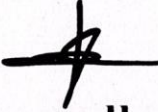
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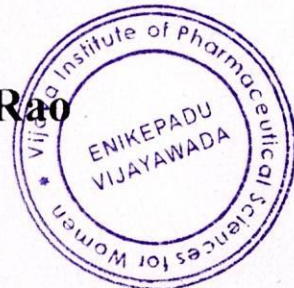



## Certificate of Completion

This is to certify that

Ms D. Bhagya Sri Vani  
has successfully completed certificate programme on "**CAMPUS RECRUITMENT TRAINING**" from 25-6-18 to 14-7-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, in association with Future Wise, Gannavaram, Krishna Dist.

  
Mr. L. V. Gangadhara Rao  
Convenor  
Future Wise



  
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Prof. K. Padmalatha  
Principal  
VIPW



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## Certificate of Completion

This is to certify that

Ms K. Aswini

has successfully completed certificate programme on "**CAMPUS RECRUITMENT TRAINING**" from 25-6-18 to 14-7-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, in association with Future Wise, Gannavaram, Krishna Dist.

**Mr. L. V. Gangadhara Rao**  
Convenor  
Future Wise



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**Prof. K. Padmalatha**  
Principal  
VIPW





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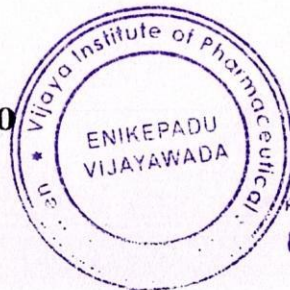
This is to certify that


Ms


*P. Naga Sowjanya*

has successfully completed certificate programme on "CAMPUS RECRUITMENT TRAINING" from 25-6-18 to 14-7-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, in association with Future Wise, Gannavaram, Krishna Dist.

  
Mr. L. V. Gangadhara Rao  
Convenor  
Future Wise



  
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Prof. K. Padmalatha  
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DATE: 20.07.2018

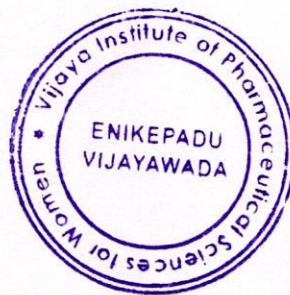
**CIRCULAR**

This is to inform **IV B Pharm** students will have “**SAS & PV Training**” classes from **30<sup>th</sup> July, 2018** to **30<sup>th</sup> September, 2018** regularly.

**Schedule: SAS classes – Monday to Friday**

**PV classes - Saturday & Sunday**

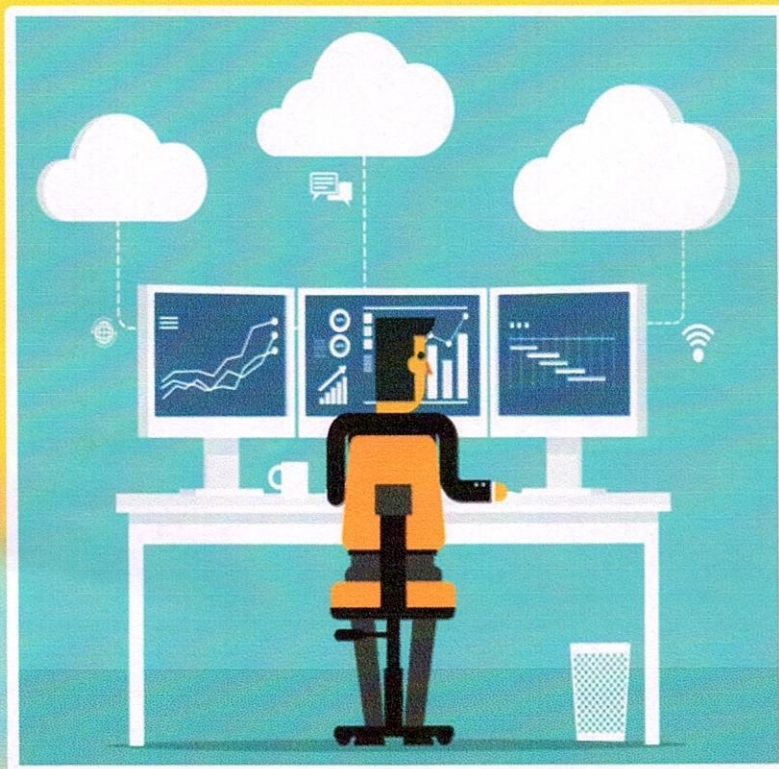
Hence, all the students are instructed to attend the classes without fail.



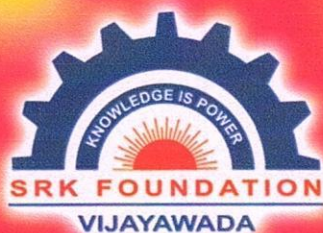
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Principal  
VIJAYA INSTITUTE OF  
PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA  
PIN - 521 108

*Handwritten notes:*  
20/7/18  
20/7/18  
S. Venkatesh  
20/07/2018

AN CERTIFICATE PROGRAMME ON  
“STATISTICAL  
ANALYSIS SYSTEM (SAS)”  
from 30-7-18 to 30-9-18



*Organized By*



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## PROGRAMME OBJECTIVES :

Statistical Analysis System (SAS), a software system for data analysis and report writing. SAS is a group of computer programs that work together to store data values and retrieve them, modify data, compute simple and complex statistical analyses, and create reports. SAS can be used through the SAS Analyst drop down menus, or by writing one's own code for maximum flexibility in performing complex analyses.

1. Role of SAS programmers in Clinical Research.
2. Data validation techniques using SAS
3. Integrate Clinical SAS Data and Metadata
4. Data transformations
5. Advanced concepts including SAS SQL, SAS GRAPH.

## RESOURCE PERSON :

**Mr. K. Varaha Kumar,**  
Proprietor and SAS Consultant  
Clinlogics Academy, Visakhapatnam.  
Email: varahakumar@clinlogics.com  
Contact: 9700050006

## ORGANIZATION COMMITTEE

**Sri B. S. Sri Krishna**  
Secretary, SRK Foundation, Vijayawada

**Mr. S. Venkateswara Rao**  
Programme Co-Ordinator , VIPW, Vijayawada

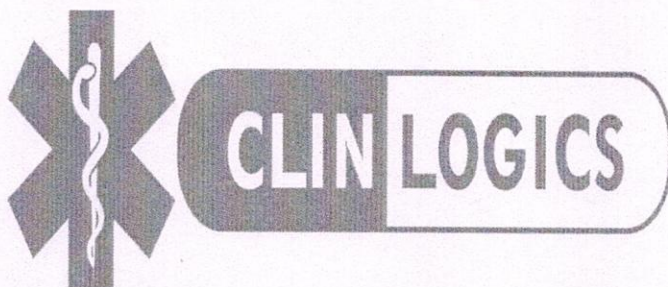
**Dr. K. Padmalatha**  
Convenor, Principal, VIPW, Vijayawada

## STUDENT CO-ORDINATORS

Ms. K. Mounika  
Ms. E. Anuhya



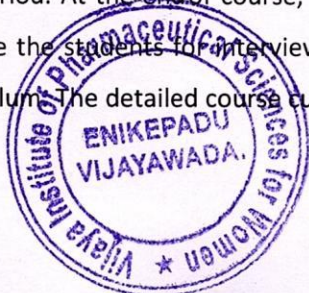
  
PRINCIPAL  
**VIJAYA INSTITUTE**  
PHARMACEUTICAL SCIENCES FOR WOMEN  
EMKEPADU VIJAYAWADA 521 108



Phone : 0891 2550006  
Mobile : 9032864824  
Email : [info@clinlogics.com](mailto:info@clinlogics.com)  
Website: [www.clinlogics.com](http://www.clinlogics.com)  
Address: D.No. 39-33-121, MIG-260,  
Madhavadara VUDA Colony,  
Visakhapatnam - 530018.

**Clinlogics** is an innovative educational and training institute was established in 2017 in Visakhapatnam, Andhra Pradesh and is recognized by the Govt. Our vision is that Clinlogics will be the natural choice for superior skilled education and innovative learning. Our Mission is to offer advanced education to students through comprehensive and job oriented academic courses with enhanced technology, resolute interdisciplinary loom with comprehensive reach, state-of-the art research intellects, scholarly quest, and pertinent industry involvement. Clinlogics will be an indispensable contributor to high quality education that meets the needs of the current industry. We visualize Clinlogics as an abode in the academic world where training and Industry needs converge closer for reciprocal and constructive benefits. Our faculties are professionals have vast experience in Statistical Analysis System (SAS), Pharmacovigilance, Clinical Research and Medical Coding and they trained the students with a career oriented and student-friendly approach.

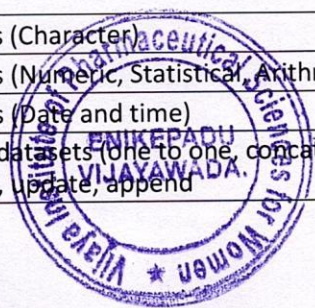
Clinlogics is associated with **Vijaya Institute of Pharmaceutical Sciences for Women (VIPW) since 2017. Dr. Padmalatha (Principal)** has been a guiding light and source of encouragement for us to continue our training program all these years. She provides all the required instructions and requirements to run the program successfully. B. Pharmacy final year students are being rigorously trained on **Statistical Analysis System (SAS) and Pharmacovigilance** for a period of two months i.e. **30<sup>th</sup> July 2018 to 30<sup>th</sup> September 2018**. Classes are taken regularly and students are provided with in depth knowledge and understanding on the course topics. The mode of teaching is through PowerPoint presentations and black board is used when required. Students are advised to maintain proper notes and material is provided when needed. Attendance of students is strictly monitored and personal attention is paid towards the progress of students. Regular assessments to test the understanding of students are also conducted. During the course, students are updated with job openings and are kept motivated throughout the entire period. At the end of course, resume writing, job guidance and mock interviews are conducted to prepare the students for interviews. We also offer job assistance and guidance post completion of the curriculum. The detailed course curriculum for SAS and Pharmacovigilance is provided below.



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**Curriculum Design for Statistical Analysis System (SAS):**

S.No.	Topics	Hours
1	Introduction to Clinical Research process, Drug Development process, Phases of Clinical Research, Industry regulations and standards for Clinical Trials, Departments and roles in a CRO	2
2	History and Introduction to SAS, Role of Statistical Analysis in Clinical Research Study, SAS role in Clinical Research Study, Protocol study, Randomization and Non-randomization, SOP, About DBMS, CDM, SAP in Clinical Research Study	2
3	SAS work flow in Clinical Research Study, Relation between SAS and DBMS, SAS with CDM, CDISC Data models (SDTM, ADM etc.), SAS Report generation in Clinical Research Study	2
4	SAS system overview, working in the SAS environment, Basics of SAS including data and proc step, structure of the data set, variables and attributes, basic rules of writing SAS programs, basic rules to define variable and data set names, SAS windows, keyboard shortcuts	2
5	Reading raw data using Input Styles (List, Modifiers of List, Column)	2
6	Reading raw data using Input Styles (Format with pointer controls including column pointer control, line pointer control and line hold pointer control, Mixed and Named input styles)	2
7	SAS system options, Title and footnote statements, comments	2
8	Data Step processing (PDV, Debugging SAS Code, Error, Warning, Notes in SAS log)	2
9	Referencing a SAS data library using libname statement, reading external files and engines using filename statement (clipboard, DDE, Excel, Access)	2
10	Reading external file (notepad) using INFILE statement with options, writing data to external sources using file and put statements	2
11	Importing data using PROC IMPORT (Delimited files including comma, blank etc., reading Microsoft excel files including .xls, xlsx, csv, reading Microsoft access files including .MDB, .ACCDB)	2
12	Exporting data using PROC EXPORT (Delimited files including comma, blank etc., reading Microsoft excel files including .xls, xlsx, csv, reading Microsoft access files including .MDB, .ACCDB)	2
13	Print procedure with options and statements	2
14	Sort procedure with options for sorting and eliminating duplicate observations	2
15	Pre-defined informats and formats (character, numeric, reading date and time)	2
16	Proc format for creating user defined informats and formats (character, numeric, date and time), managing SAS catalogs	2
17	Conditional statements in SAS (if, if then else, if then do else, select when, select when do)	2
18	Where condition, Operators in SAS (Mathematical, Comparison and logical)	2
19	Generating data with loops (do, do while, do until)	2
20	Processing variables with arrays (group variables into one dimensional, two dimensional), temporary arrays, assigning initial values, creating new variables using arrays	2
21	SAS Functions (Character)	2
22	SAS Functions (Numeric, Statistical, Arithmetic, truncation and Special)	2
23	SAS Functions (Date and time)	2
24	Merging SAS datasets (one to one, concatenating, inter-leaving, simple merge, match merge, update, append)	2



25	Accumulating values of a variable using retain statement, logical variables (first and last.), Control variables (keep and drop)	2
26	PROC MEANS procedure to find out descriptive statistical analysis, PROC FREQ procedure to find out frequency distribution of the data	2
27	PROC TABULATE procedure to find out descriptive statistics in tabular format, PROC REPORT procedure for summary and tabular data analysis	2
28	PROC DATASETS for managing data sets, views, indexes, catalogs etc., PROC TRANSPOSE to transpose data in row to columns and columns to rows	2
29	PROC CONTENTS to find out the descriptor information of the dataset, PROC COMPARE to compare the descriptors of two or more data sets	2
30	PROC SUMMARY for descriptive statistical analysis, PROC UNIVARIATE to find out descriptive statistics based on moments (including skewness and kurtosis), quantiles and percentiles, frequency tables etc.,	2
31	SAS STAT (CORRELATION procedure, REGRESSION procedure, TTEST procedure, NPART1WAY procedure)	2
32	Concepts and features of SAS Macro programming, advantages of Macro programming, Macro processing	2
33	Creating macro variables, passing values to macros using parameters	2
34	Macro quoting functions, macro options	2
35	Macro functions, macro expressions	2
36	Interface functions, stored macros	2
37	SAS SQL basics, terminology, syntax, SQL vs Data step, DBMS vs RDBMS	2
38	SQL Commands (DDL, DML, DQL, TCL, DCL)	2
39	SQL functions, SQL Views, Indexes	2
40	Using SQL with SAS macro facility, SQL Joins	2
41	SAS Access (Libname engine architecture, ACCESS procedure, Access and View descriptors, DBLOAD procedure, SQL-pass through facility)	2
42	SAS Connect (Definition, Sign on, Single user server, Signoff, multi user server, services, communication access method)	2
43	SAS Graph (types of graphs, CHART and GCHART procedures, PLOT and GPLOT procedures)	2
44	Illustration of global options, axis option, axis legend option, pattern options, symbol options, footnote, note and title	2
45	SAS ODS (PDF, RTF, XML, HTML, EXCEL XP TAGSET, ODS LISTING)	2



  
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**Date: 05-10-2018**

## REPORT

**Name of the Program:** Statistical Analysis System (SAS)

**Duration:** 30<sup>th</sup> July 2018 to 30<sup>th</sup> September 2018

**Resource person details:** Mr. K. Varaha Kumar

Proprietor and SAS Consultant,

Clinlogics Academy,

Visakhapatnam.

Email: varahakumar@clinlogics.com

Contact: 9700050006

Clinlogics Academy, Visakhapatnam organized a certificate program on **Statistical Analysis System (SAS)** for IV<sup>th</sup> B. Pharmacy students by the resource person **Mr. Varaha Kumar** from 30<sup>th</sup> July 2018 to 30<sup>th</sup> September 2018. This course was designed to provide knowledge on clinical trial data analysis using SAS. Totally 97 students participated in this training program. All the students had participated actively. Upon completion of the program the students were able to understand the following objectives and learning outcomes.

### **Objectives:**

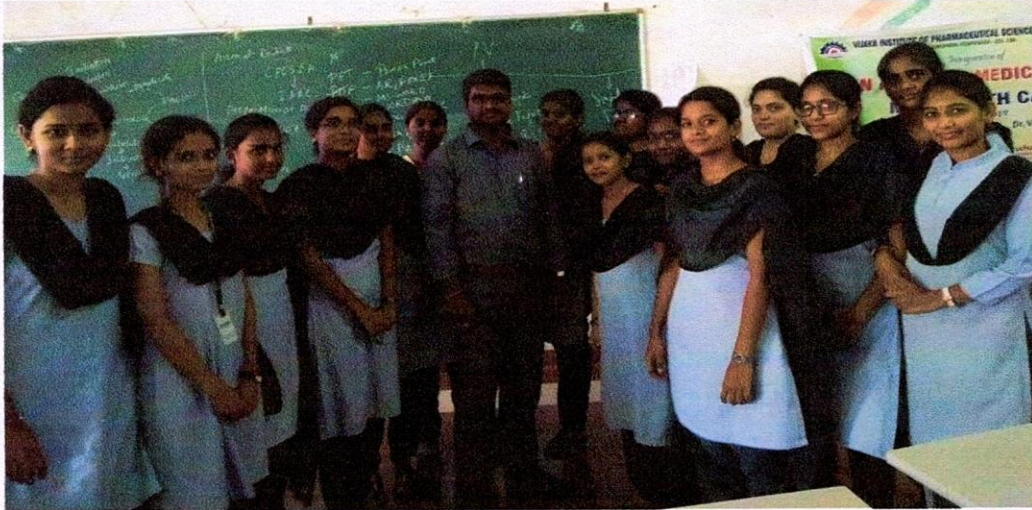
1. Data validation techniques using SAS.
2. Integrate clinical SAS data and metadata.
3. Role of SAS programmers in clinical research.
4. Enhance table relationships using indexes, views and integrity constraints.
5. Data transformations.
6. Advanced concepts including SAS SQL, SAS Macros, SAS STAT, SAS ACCESS, SAS GRAPH, SAS ODS.

### **Learning Outcomes:**

1. Basic knowledge on CDISC including SDTM, AdAM and ODM.
2. Acquire related positions and jobs in the industry.
3. Acquire proficient programming skills that are required in Clinical SAS
4. Able to write SAS programs and SAS environment in Windows.
5. Creating SAS datasets using different SAS statements and data importing methods.

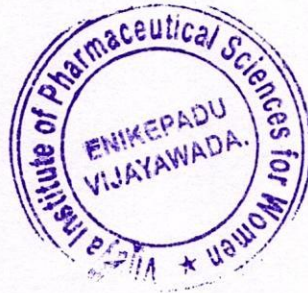


6. Understanding Data step processing.
7. Data validation techniques using SAS.



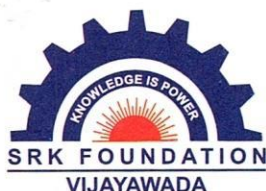
This program was very much informative to the students and their feedback was positive about the program. The management and Dr. K. Padmalatha, Principal of VIPW thanked Mr. Varaha Kumar and participants for making the program successful.

*S. Venkatesh Rao*  
Coordinator



*Principal*  
Principal

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# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Permitted by Govt. of A.P. Approved by AICTE, New Delhi  
Pharmacy council of India. New Delhi & Affiliated to JNTU Kakinada

Enikepadu, VIJAYAWADA - 521 108.  
Telephone No. : +91 7416560999  
Fax No. : +91 866 2844999  
e-mail : vijayapharmacyfw@gmail.com

## Program Name: STATISTICAL ANALYSIS SYSTEM (SAS)

A.Y- 2018-19

Class: IV B. Pharm

Schedule: 30.07.2018 to 30.09.2018

### LIST OF STUDENTS

S. No	Reg.No	Name of the Student
1	157N1R0001	Kolli Sravani
2	157N1R0002	Pasupuleti SandhyaRani
3	157N1R0003	Mungi Lalitha Siva Jyothi
4	157N1R0004	Attuluri Devi Priya Darsini
5	157N1R0005	Veerapaneni Lakshmi Prasanna
6	157N1R0006	Panidapu Srinidhi
7	157N1R0007	Sonekar Swati Vijay
8	157N1R0008	Ayushi Maheshwari
9	157N1R0009	Naserunnisa Sharief
10	157N1R0010	Katamneni Mounika
11	157N1R0011	Dasari Sravani
12	157N1R0012	Mohammad Meharaj
13	157N1R0013	Mamidi Bhavya
14	157N1R0014	Roshni Sekhar
15	157N1R0015	Tirumalasetty Lilly Pushpa
16	157N1R0016	Ghantasala Sairamya
17	157N1R0017	Kasireddy Malleswari
18	157N1R0018	M. T. N. S. Srilakshmi Saraswati
19	157N1R0019	Kotha Sravya
20	157N1R0020	Anumolu Mounika
21	157N1R0021	Vemulapalli Sowmya Sri
22	157N1R0022	Goriparthi Pavani
23	157N1R0023	Duru Preethi
24	157N1R0024	Perni Ramya Krishna
25	157N1R0025	Dontagani Poornima
26	157N1R0026	Thondepu Hari Priya
27	157N1R0027	Panchakarla Lakshmi Sreeja
28	157N1R0028	Sanjana Kotagiri
29	157N1R0029	Nandyala Navya Sri Vani
30	157N1R0030	U. N. Sai Lakshmi Narasa




  
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PIN - 521 108

Contd.... 2

S. No	Reg.No	Name of the Student
31	157N1R0031	Beram Naga Sravya
32	157N1R0032	Sathupati Likhitha
33	157N1R0033	Bopparaju Priyanka
34	157N1R0034	Mannem Usha Kiran
35	157N1R0035	Paidi Mounika
36	157N1R0036	Kanumolu Ramya Krishna
37	157N1R0037	Kondiparthi Naga Prathyusha
38	157N1R0038	Neppala Jagadeeswari
39	157N1R0039	Pamarthi Naga Sowjanya
40	157N1R0040	Gorantla Sai Poornima
41	157N1R0041	Ramisetty Naga Jagadeeswari
42	157N1R0042	Nandam Renuka Prabhandana
43	157N1R0043	Kaladi Navya
44	157N1R0044	Araja Sreehasa
45	157N1R0045	Mohammed Reshma Sulthana
46	157N1R0046	Maddala Rajani
47	157N1R0047	Bandi Naga Manmitha
48	157N1R0048	Tiyyagura Vamsi Meghana
49	157N1R0049	Davuluri Pavani
50	157N1R0050	Spandana Badditi
51	157N1R0051	Kanajam praneetha
52	157N1R0052	Kongala Aswini
53	157N1R0053	Khairunnisa Tasneem
54	157N1R0054	Reddy Gayathri Aparnasai
55	157N1R0056	Shaik Shaheda Begum
56	157N1R0057	Eda Anuhya
57	157N1R0058	V. G. K. D. Maga Swapna
58	157N1R0059	Udumula Nalini
59	157N1R0060	Itta Lakshmi Usha Rani
60	157N1R0061	Gunde Bhavya
61	157N1R0062	Datla Bhagya Sri Vani
62	157N1R0063	M. Y. V. Naga Sai Priya
63	157N1R0064	V. Sri Lakshmi Sai Gayatri
64	157N1R0065	Vejendla Mounika




  
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**PIN - 521 108**

Contd..... 3

S. No	Reg.No	Name of the Student
65	157N1R0066	Pamu Sai Poojitha
66	157N1R0067	Manuvarthi Sushma
67	157N1R0069	Marepalli Sri Madhulika
68	157N1R0070	Vinnakota Gowthami
69	157N1R0071	Gowravarapu Harshitha
70	157N1R0072	Lakshmi Samrajyam Katta
71	157N1R0073	Sasanala Phani Veda Sri
72	157N1R0074	Battu Gnananjali
73	157N1R0075	Namagiri Aslesha Padmavathi
74	157N1R0076	Kommu Anusha
75	157N1R0077	Nabigaru Sai Ratna Nikhila
76	157N1R0078	Nidamanuru Chamundeswari
77	157N1R0079	Vemulapalli Priyanka
78	157N1R0080	Medepudi Sravya
79	157N1R0081	Chamala Vijaya Durga
80	157N1R0082	Devineni Roopa
81	157N1R0083	Mukku Anusri
82	157N1R0084	Kodamanchili Helen
83	157N1R0085	Paduri Sirisha
84	157N1R0086	Tirumalasetty Kathyayani
85	157N1R0087	Allamsetti Geethanjali
86	157N1R0088	Kadari Kiranmai
87	157N1R0089	Gajjarapu Harshitha
88	157N1R0090	Gandham Anu Pallavi
89	157N1R0091	Vemulapalli Pavani
90	157N1R0092	Vadlagoni Sarath Lavanya
91	157N1R0093	Perni Swethapriya
92	157N1R0094	Kattepogu Bhagya Sri
93	157N1R0095	Appikatla Bhavani
94	157N1R0096	Devangam Bhavana
95	157N1R0097	Koppaka shyamalakshmi
96	157N1R0098	Zakkam Sahithi JeevanSri
97	157N1R0099	Bhukya Bhanumathi Bai



  
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## COURSE COMPLETION CERTIFICATE

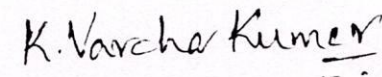
From 30/07/2018 To 30/09/2018

This to certify that Ms A. Mounika  
has successfully completed certificate course on " **PHARMACOVIGILANCE &  
STATISTICAL ANALYSIS SYSTEM** " Organised by **VIJAYA INSTITUTE OF  
PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada**  
in assocition with **CLINLOGICS, Visakhapatnam.**



  
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Director - CLINLOGICS



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VISAKHAPATNAM -530018


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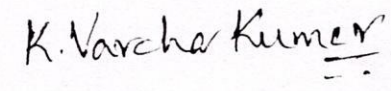
From 30/07/2018 To 30/09/2018

This to certify that Ms G. Bharya  
has successfully completed certificate course on **"PHARMACOVIGILANCE &  
STATISTICAL ANALYSIS SYSTEM"** Organised by **VIJAYA INSTITUTE OF  
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Director - CLINLOGICS



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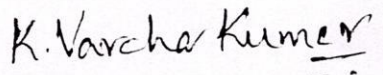
From 30/07/2018 To 30/09/2018

This to certify that Ms D. Pavani  
has successfully completed certificate course on **PHARMACOVIGILANCE &  
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Director - CLINLOGICS



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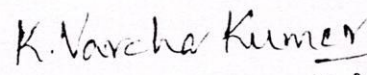
From 30/07/2018 To 30/09/2018

This to certify that Ms E. Anubhya  
has successfully completed certificate course on " **PHARMACOVIGILANCE &  
STATISTICAL ANALYSIS SYSTEM** " Organised by **VIJAYA INSTITUTE OF  
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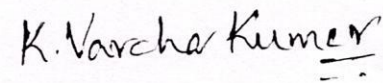
From 30/07/2018 To 30/09/2018

This to certify that Ms K. Sravani  
has successfully completed certificate course on **PHARMACOVIGILANCE &  
STATISTICAL ANALYSIS SYSTEM** Organised by **VIJAYA INSTITUTE OF  
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DATE: 20.07.2018

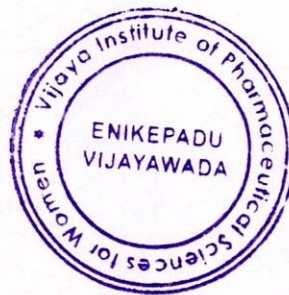
**CIRCULAR**

This is to inform **IV B Pharm** students will have “**SAS & PV Training**” classes from **30<sup>th</sup> July, 2018** to **30<sup>th</sup> September, 2018** regularly.

**Schedule: SAS classes – Monday to Friday**

**PV classes - Saturday & Sunday**

Hence, all the students are instructed to attend the classes without fail.



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Principal  
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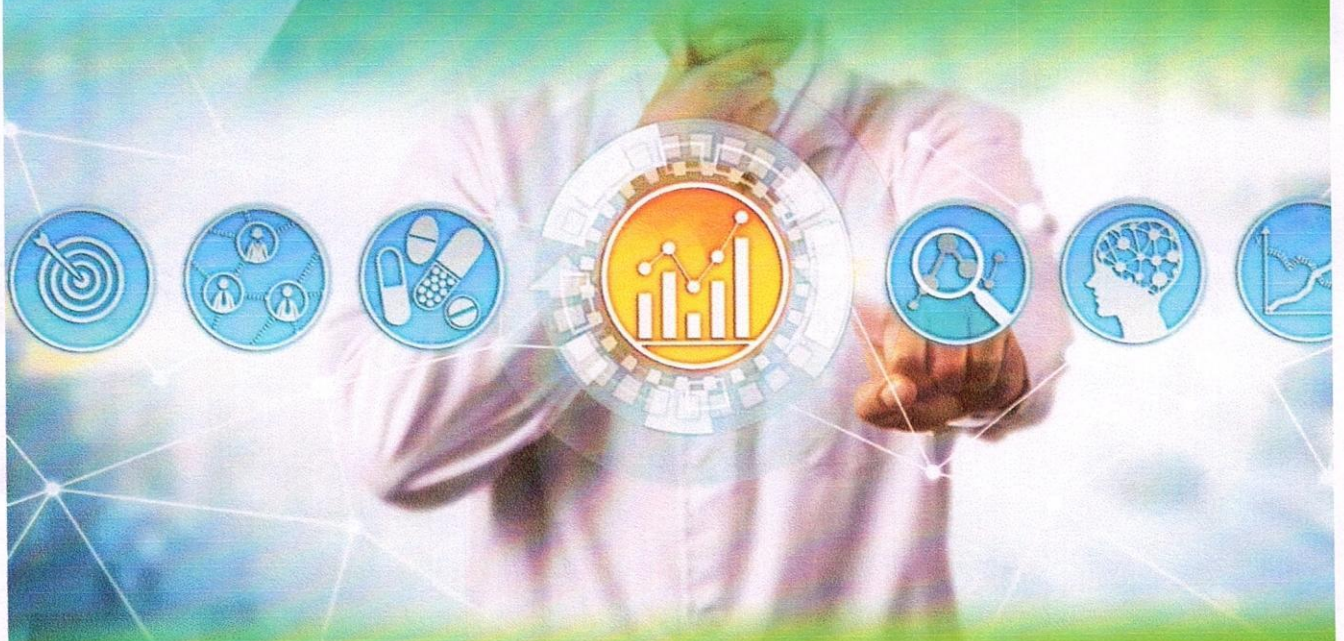
*Al* 20/7/18  
*Abg* 20/7/18  
*Y* 20/7/18  
*S. N. Venkatesh* 20/07/2018

**A CERTIFICATE PROGRAMME**

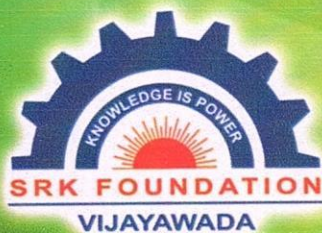
**on**

**“PHARMACOVIGILANCE (PV)”**

**from 30-7-18 to 30-9-18**



**Organized By**



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ENIKEPADU VIJAYAWADA 521 108**

## PROGRAMME OBJECTIVES :

Pharmacovigilance (PV) improve patient care and safety in relation to the use of medicines and all medical and paramedical interventions; improve public health and safety in relation to the use of medicines; detect problems related to the use of medicines and communicate the findings in a timely.

1. Create a nation-,vide system for patient safety reporting
2. Identify and analyse the new signal (ADR) from the reported cases
3. Analyse the benefit-risk ratio of marketed medications
4. Generate the evidence based information on safety of medicines
5. Support regulatory agencies in the decision making process on use of medications

## RESOURCE PERSON :

**Mr. K. Varaha Kumar**

Proprietor and SAS Consultant,  
Clinlogics Academy, Visakhapatnam  
Email: varahakumar@clinlogics.com  
Contact: 7893124321

## ORGANIZATION COMMITTEE

**Sri B. S. Sri Krishna**

Secretary, SRK Foundation, Vijayawada

**Mr. S. Venkateswara Rao**

Programme Co-Ordinator , VIPW, Vijayawada


**Dr. K. Padmalatha**

Convenor, Principal, VIPW, Vijayawada

## STUDENT CO-ORDINATORS

Ms. K. Sravya  
Ms. D. Bhavana



  
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VIJAYA INSTITUTE  
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Phone : 0891 2550006  
Mobile : 9032864824  
Email : [info@clinlogics.com](mailto:info@clinlogics.com)  
Website: [www.clinlogics.com](http://www.clinlogics.com)  
Address: D.No. 39-33-121, MIG-260,  
Madhavadara VUDA Colony,  
Visakhapatnam - 530018.

**Clinlogics** is an innovative educational and training institute was established in 2017 in Visakhapatnam, Andhra Pradesh and is recognized by the Govt. Our vision is that Clinlogics will be the natural choice for superior skilled education and innovative learning. Our Mission is to offer advanced education to students through comprehensive and job oriented academic courses with enhanced technology, resolute interdisciplinary loom with comprehensive reach, state-of-the art research intellects, scholarly quest, and pertinent industry involvement. Clinlogics will be an indispensable contributor to high quality education that meets the needs of the current industry. We visualize Clinlogics as an abode in the academic world where training and Industry needs converge closer for reciprocal and constructive benefits. Our faculties are professionals have vast experience in Statistical Analysis System (SAS), Pharmacovigilance, Clinical Research and Medical Coding and they trained the students with a career oriented and student-friendly approach.

Clinlogics is associated with **Vijaya Institute of Pharmaceutical Sciences for Women (VIPW)** since **2017**. **Dr. Padmalatha (Principal)** has been a guiding light and source of encouragement for us to continue our training program all these years. She provides all the required instructions and requirements to run the program successfully. B. Pharmacy final year students are being rigorously trained on **Statistical Analysis System (SAS) and Pharmacovigilance** for a period of two months i.e. **30<sup>th</sup> July 2018 to 30<sup>th</sup> September 2018**. Classes are taken regularly and students are provided with in depth knowledge and understanding on the course topics. The mode of teaching is through PowerPoint presentations and black board is used when required. Students are advised to maintain proper notes and material is provided when needed. Attendance of students is strictly monitored and personal attention is paid towards the progress of students. Regular assessments to test the understanding of students are also conducted. During the course, students are updated with job openings and are kept motivated throughout the entire period. At the end of course, resume writing, job guidance and mock interviews are conducted to prepare the students for interviews. We also offer job assistance and guidance post completion of the curriculum. The detailed course curriculum for SAS and Pharmacovigilance is provided below.




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### Curriculum Design for Pharmacovigilance:

S.No.	Topics	Hours
1	Introduction and History of Pharmacovigilance	3
2	Adverse Events in Clinical Trials Vs Post Marketing	3
3	Guidelines for Pharmacovigilance	2
4	Basics of Pharmacovigilance	2
5	ICSR, Minimum reporting criteria, Sources of ADRs and Reporting Forms	3
6	Identification of Patient and Assessing the validity of ICSR with Examples	3
7	ICSR - Seriousness	2
8	ICSR - Seriousness - Case examples	2
9	Information in Reporting Forms	3
10	Information in Reporting Forms - Case Examples	3
11	ICSR - Expectedness	2
12	ICSR - Causality	2
13	ICSR - Reporting Timelines	3
14	MedDRA	3
15	Assessment 1	3
16	Introduction to Pharmacovigilance Database	3
17	Book - In	2
18	Introduction to Case Form	2
19	Case Entry 1 – Spontaneous Case	2
20	Case Entry 2 – Clinical Trial Case	2
21	Case Entry 3 – Literature Case	2
22	Narrative Writing 1 – Spontaneous and Clinical Trial Cases	2
23	Narrative Writing 2 – Literature Case	2
24	Case processing – Explained with example 1	2
25	Case processing – Explained with example 2	2
26	Development Safety Update Reports	2
27	Periodic Safety Update Reports	2
28	Signal Detection	2
29	Final Assessment	3
30	Mock Interview	3
31	Resume Writing	2
32	Interview Questions and Job Guidance	2



  
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ENIKEPADU VIJAYAWADA 52<sup>nd</sup> 10<sup>th</sup>



**Date: 05-10-2018**

## **REPORT**

**Name of the Program: Pharmacovigilance (PV)**

**Duration: 30<sup>th</sup> July 2018 to 30<sup>th</sup> September 2018**

**Resource person details: Mr. K. Varaha Kumar**

Proprietor and SAS Consultant,

Clinlogics Academy,

Visakhapatnam.

Email: varahakumar@clinlogics.com

Contact: 9700050006

Clinlogics Academy, Visakhapatnam organized a certificate program on **Pharmacovigilance (PV)** for IV<sup>th</sup> B. Pharmacy students by the resource person on every Saturday and Sunday from 30<sup>th</sup> July 2018 to 30<sup>th</sup> September 2018. PV involves ongoing monitoring of drugs to ensure the safety for use, especially since previously undetected adverse effects can occur at any time. Totally 97 students participated in this training course. All the students actively participated. Upon completion of the program the students were able to understand the following objectives and learning outcomes.

### **Objectives:**

1. Processing of individual case safety reports (ICSRs).
2. Databases used for case processing.
3. Understand aggregate reports and signal detection.
4. Understand drug safety, history and evolution of pharmacovigilance, the role of health authorities and their guidelines.

### **Learning Outcomes:**

1. Classify ICSR and complete reporting forms.
2. Process cases in safety database.
3. Understand and determine seriousness, expectedness and causality.
4. Define pharmacovigilance and its history.



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, VIJAYAWADA - 521108

Telephone No: +91 74165 60999

Fax No: +91 866 2844999

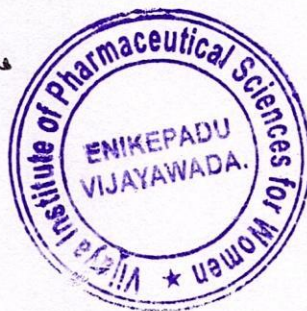
Mail: vijayapharmacyfw@gmail.com

Permitted by Govt. of A.P; Approved by AICTE, New Delhi  
Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada  
**ISO 9001:2015 Certified Institution**



This program was very much informative to the students and their feedback was positive about the program. Dr. K. Padmalatha, Principal of VIPW thanked the resource person and participants for making the program successful.

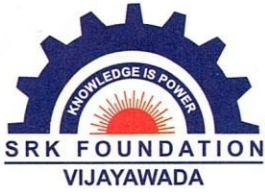
*S. Venkatesh*  
Coordinator



*K. Padmalatha*  
Principal

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# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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Pharmacy council of India. New Delhi & Affiliated to JNTU Kakinada

Enikepadu, VIJAYAWADA - 521 108.  
Telephone No. : +91 7416560999  
Fax No. : +91 866 2844999  
e-mail : vijayapharmacyfw@gmail.com

## Program Name: PHARMACOVIGILANCE (PV)

A.Y- 2018-19

Class: IV B. Pharm

Schedule: 30.07.2018 to 30.09.2018

### LIST OF STUDENTS

S. No	Reg.No	Name of the Student
1	157N1R0001	Kolli Sravani
2	157N1R0002	Pasupuleti SandhyaRani
3	157N1R0003	Mungi Lalitha Siva Jyothi
4	157N1R0004	Attuluri Devi Priya Darsini
5	157N1R0005	Veerapaneni Lakshmi Prasanna
6	157N1R0006	Panidapu Srinidhi
7	157N1R0007	Sonekar Swati Vijay
8	157N1R0008	Ayushi Maheshwari
9	157N1R0009	Naserunnisa Sharief
10	157N1R0010	Katamneni Mounika
11	157N1R0011	Dasari Sravani
12	157N1R0012	Mohammad Meharaj
13	157N1R0013	Mamidi Bhavya
14	157N1R0014	Roshni Sekhar
15	157N1R0015	Tirumalasetty Lilly Pushpa
16	157N1R0016	Ghantasala Sairamy
17	157N1R0017	Kasireddy Malleswari
18	157N1R0018	M. T. N. S. Srilakshmi Saraswati
19	157N1R0019	Kotha Sravya
20	157N1R0020	Anumolu Mounika
21	157N1R0021	Vemulapalli Sowmya Sri
22	157N1R0022	Goriparthi Pavani
23	157N1R0023	Duru Preethi
24	157N1R0024	Perni Ramya Krishna
25	157N1R0025	Dontagani Poornima
26	157N1R0026	Thondepu Hari Priya
27	157N1R0027	Panchakarla Lakshmi Sreeja
28	157N1R0028	Sanjana Kotagiri
29	157N1R0029	Nandyala Navya Sri Vani
30	157N1R0030	U. N. Sai Lakshmi Narasa




  
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PIN - 521 108

Contd....2

S. No	Reg.No	Name of the Student
31	157N1R0031	Beram Naga Sravya
32	157N1R0032	Sathupati Likhitha
33	157N1R0033	Bopparaju Priyanka
34	157N1R0034	Mannem Usha Kiran
35	157N1R0035	Paidi Mounika
36	157N1R0036	Kanumolu Ramya Krishna
37	157N1R0037	Kondiparthi Naga Prathyusha
38	157N1R0038	Neppala Jagadeeswari
39	157N1R0039	Pamarthi Naga Sowjanya
40	157N1R0040	Gorantla Sai Poornima
41	157N1R0041	Ramisetty Naga Jagadeeswari
42	157N1R0042	Nandam Renuka Prabhandana
43	157N1R0043	Kaladi Navya
44	157N1R0044	Araja Sreehasa
45	157N1R0045	Mohammed Reshma Sulthana
46	157N1R0046	Maddala Rajani
47	157N1R0047	Bandi Naga Manmitha
48	157N1R0048	Tiyyagura Vamsi Meghana
49	157N1R0049	Davuluri Pavani
50	157N1R0050	Spandana Badditi
51	157N1R0051	Kanajam praneetha
52	157N1R0052	Kongala Aswini
53	157N1R0053	Khairunnisa Tasneem
54	157N1R0054	Reddy Gayathri Aparnasai
55	157N1R0056	Shaik Shaheda Begum
56	157N1R0057	Eda Anuhya
57	157N1R0058	V. G. K. D. Maga Swapna
58	157N1R0059	Udumula Nalini
59	157N1R0060	Itta Lakshmi Usha Rani
60	157N1R0061	Gunde Bhavya
61	157N1R0062	Datla Bhagya Sri Vani
62	157N1R0063	M .Y. V. Naga Sai Priya
63	157N1R0064	V. Sri Lakshmi Sai Gayatri
64	157N1R0065	Vejendla Mounika




  
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Contd..... 3

S. No	Reg.No	Name of the Student
65	157N1R0066	Pamu Sai Poojitha
66	157N1R0067	Manuvarthi Sushma
67	157N1R0069	Marepalli Sri Madhulika
68	157N1R0070	Vinnakota Gowthami
69	157N1R0071	Gowravarapu Harshitha
70	157N1R0072	Lakshmi Samrajyam Katta
71	157N1R0073	Sasanala Phani Veda Sri
72	157N1R0074	Battu Gnananjali
73	157N1R0075	Namagiri Aslesha Padmavathi
74	157N1R0076	Kommu Anusha
75	157N1R0077	Nabigaru Sai Ratna Nikhila
76	157N1R0078	Nidamanuru Chamundeswari
77	157N1R0079	Vemulapalli Priyanka
78	157N1R0080	Medepudi Sravya
79	157N1R0081	Chamala Vijaya Durga
80	157N1R0082	Devineni Roopa
81	157N1R0083	Mukku Anusri
82	157N1R0084	Kodamanchili Helen
83	157N1R0085	Paduri Sirisha
84	157N1R0086	Tirumalasetty Kathyayani
85	157N1R0087	Allamsetti Geethanjali
86	157N1R0088	Kadari Kiranmai
87	157N1R0089	Gajjarapu Harshitha
88	157N1R0090	Gandham Anu Pallavi
89	157N1R0091	Vemulapalli Pavani
90	157N1R0092	Vadlagoni Sarath Lavanya
91	157N1R0093	Perni Swethapriya
92	157N1R0094	Kattepogu Bhagya Sri
93	157N1R0095	Appikatla Bhavani
94	157N1R0096	Devangam Bhavana
95	157N1R0097	Koppaka shyamalakshmi
96	157N1R0098	Zakkam Sahithi JeevanSri
97	157N1R0099	Bhukya Bhanumathi Bai



  
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VISAKHAPATNAM -530018

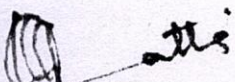
## COURSE COMPLETION CERTIFICATE

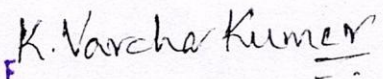
From 30/07/2018 To 30/09/2018

This to certify that Ms N. Renuka Dsabhandana

has successfully completed certificate course on " **PHARMACOVIGILANCE & STATISTICAL ANALYSIS SYSTEM** " Organised by **VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada** in association with **CLINLOGICS, Visakhapatnam.**



  
Principal

  
K. Varaha Kumar  
Director - CLINLOGICS  
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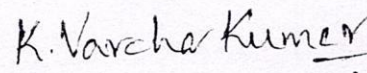
From 30/07/2018 To 30/09/2018

This to certify that Ms B. Naga Manmitha  
has successfully completed certificate course on " **PHARMACOVIGILANCE &  
STATISTICAL ANALYSIS SYSTEM** " Organised by **VIJAYA INSTITUTE OF  
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Director - CLINLOGICS



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## COURSE COMPLETION CERTIFICATE

From 30/07/2018 To 30/09/2018

This to certify that Ms K. Praneetha  
has successfully completed certificate course on " **PHARMACOVIGILANCE &  
STATISTICAL ANALYSIS SYSTEM** " Organised by **VIJAYA INSTITUTE OF  
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K. Varsha Kumar  
Director - CLINLOGICS



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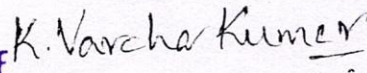
From 30/07/2018 To 30/09/2018

This to certify that Ms B. Bhanumathi Bai  
has successfully completed certificate course on " **PHARMACOVIGILANCE &  
STATISTICAL ANALYSIS SYSTEM** " Organised by **VIJAYA INSTITUTE OF  
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**Director - CLINLOGICS**



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VISAKHAPATNAM -530018


## COURSE COMPLETION CERTIFICATE

From 30/07/2018 To 30/09/2018

This to certify that Ms V. Sarath Laxanya  
has successfully completed certificate course on " **PHARMACOVIGILANCE &  
STATISTICAL ANALYSIS SYSTEM** " Organised by **VIJAYA INSTITUTE OF  
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K. Varsha Kumar  
Director - CLINLOGICS



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**DATE: 10.09.2018**

**CIRCULAR**


This is to inform **III| Pharm D** students have “**Soft Skills & People Skills**” classes and **IV Pharm D** students “**Campus Recruitment Training**” as per Schedule given below. Hence, all the students are hereby informed to attend the classes without fail

**III Pharm D – 17<sup>th</sup> September to 27<sup>th</sup> October 2018**

**IV Pharm D – 17<sup>th</sup> September to 12<sup>th</sup> October 2018**

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**A CERTIFICATE PROGRAMME**

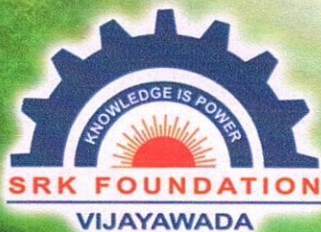
**on**

**“CAMPUS RECRUITMENT  
TRAINING”**

**from 17-9-18 to 12-10-18**

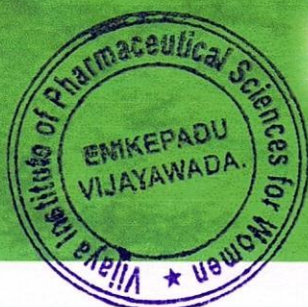


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ENIKEPADU VIJAYAWADA 521 116

## **PROGRAMME OBJECTIVES :**

Campus Recruitment training (CRT) at is designed to aid candidates in their preparation for Recruitment through Campuses or outside campuses. Students in their final step of graduation looking for placement in reputed organizations can make use of this training to get to deliver their best in the selection processes of organizations.

1. Train the students to think out of the box.
2. Mock Group Discussion sessions
3. Resume making and information Sessions
4. Interactive Methodology (Audio & Video base)
5. Grooming, Body Language, Soft Skills, Attitude etc.

## **RESOURCE PERSON :**

**Mr. L.V. Gangadhara Rao**

Gannavaram,

Krishna District. Pin - 521107.

Email: lvg.futurewise@gmail.com

Contact : 9866078269

## **ORGANIZATION COMMITTEE**

**B. S. Sri Krishna**

Secretary, SRK Foundation, Vijayawada

**Mr. S. Venkateswara Rao**

Programme Co-Ordinator , VIPW, Vijayawada

**Dr. K. Padmalatha**

Convenor, Principal, VIPW, Vijayawada

## **STUDENT CO-ORDINATORS**

Ms. Bandi Akhila Sri

Ms. Vadlapatla Mohana Mudhitha

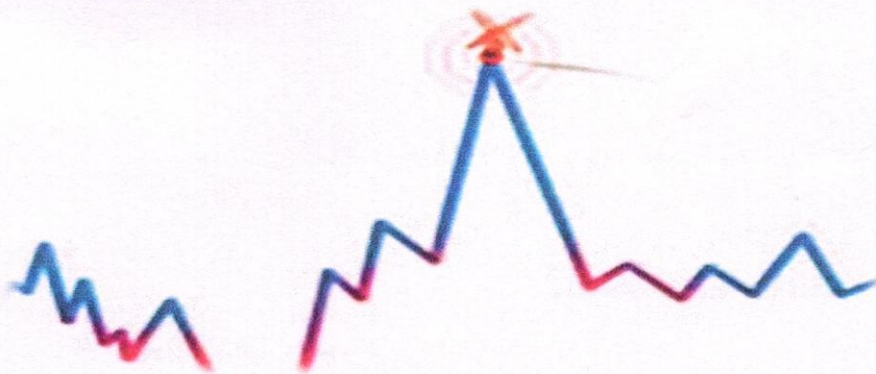


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***Approach Note for Delivery of  
Campus Recruitment Training  
program for VIPW Students.***




D.No. 1-23, Near Panchayath Office, Savaragudem (P.O), Gannavaram,  
Krishna District - 521107

Mobile: 9866078269

E – mail: [lvf.futurewise@gmail.com](mailto:lvf.futurewise@gmail.com)



  
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## Campus Recruitment Training (C R T)



*For the Vijaya Institute of Pharmaceutical Sciences for Women Students:*

**Campus Recruitment Training (C R T)** is a specially designed campus interview module for pre-final and final year graduate students. Our teams of experts have studied the recruitment process of Industries such as *Pharma, IT, ITeS, Banking, Telecom, Automobile, FMCG, and Hotel*, and have used this to design a curriculum which will help your students be better prepared for their placement process.

As the students near the end of their course, their technical acumen would have been perfected by their college. Students now need to hone their aptitude and personality. To navigate the hurdles of the various methods in selection process like Psychometric test, M.R Round, Extempore, JAM, Mock Press, GD and PI, aspirants must know the process and what is required. Campus Recruitment Training (C R T), from *Future Wise's* program helps you:

- ❖ To assist the learner identify, analyze, introspect and understand one's own personality traits so that they can answer confidently and concisely with complete understanding.
- ❖ To give the learner a platform to express their ideas freely, listen to others patiently, come forward with rational ideas and emerge as a well rounded personality.
- ❖ To help students outline the purpose of presentation, understand the group's needs, establish rapport with the group, maintain poise and answer queries convincingly.
- ❖ To equip learners with skills that help them conduct themselves appropriately and bring in a holistic change in them to face the world with confidence.
- ❖ To empower the students with enhanced vocabulary and help them to handle complex situations through apt and impressive expressions.

D.No. 1-23, Near Panchayath Office, Savaragudem (P.O), Gannavaram,  
Krishna District - 521107

Mobile: 9866078269

E – mail: lvg.futurewise@gmail.com

  
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PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU VIJAYAWADA 521 10R

10	MOCK Interview (Personal)	❖ Practice Session
11	Interviews : Personal	❖ We discuss introducing self and more about self in Personal Interviews.
12	Interviews : H R	❖ Different questions asked by HR and how to give answers for them.
13	Interviews : Telephonic	❖ Telephone Etiquette
14	Job Interviews & Video Mirroring	❖ Mock Interviews can be conducted here to give practical exposure to students.
15	Personality Assessment Round	❖ Conducting SWOT Analysis and make Students to realize how to bring the Interviewer to students comfortable zone.

**Training Schedule:**

- 🚩 Total no. of students to be trained is 100.
- 🚩 There would be 2 batches of 50 students.
- 🚩 The training Programme is going to be conducted completely on Power point, Audio, Video (visual) & Role plays, Games and Group activities and Interactive Base Process.
- 🚩 The training for the batch would be held as per the schedule for a period of sixteen days @ 2 Hours daily.



**Contact person:**

**Mr. L.V.Gangadhara Rao**  
**Corporate Trainer**  
**Contact No: 9866078269**  
**E-mail: lvg.futurewise@gmail.com**

D.No. 1-23, Near Panchayath Office, Savaragudem (P.O), Gannavaram,  
Krishna District - 521107

Mobile: 9866078269

E – mail: lvg.futurewise@gmail.com



*Att*

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<b>Name of Class : B.Pharmacy - IV.</b>	<b>Course : Campus Recruitment Training</b>
<b>Duration of Course : 3 weeks</b>	<b>Duration : 2 Hrs.</b>

**DETAILED SESSION PLAN**

<b>Session</b>	<b>Topic name</b>	<b>Approach</b>
1	<i>Self Awareness</i> & <i>Psychometric test</i>	❖ Aptitude and personality assessment, suggestions for improvement.
2	Industry Expectations & Career Planning	❖ Academics and Industry – Current Scenario ❖ Gaps ❖ A few Myths ❖ Industry Expectations on Skill base.
3	Communicating Professional; In an Interview.	❖ Recognize the importance of Body language. And manage Body language for success in an Interview.
4	JAM	❖ Practice Session
5	Grooming and Etiquette	❖ Identify the importance of appropriate dress sense and grooming in an Interview.
6	Group Discussions	❖ Know the importance of GD for final placements.
7	MOCK GD	❖ Practice Session
8	Resume Writing	❖ Customization of Resume to the candidate.
9	Interview concepts	❖ Elaborate on the interview concepts

D.No. 1-23, Near Panchayath Office, Savaragudem (P.O), Gannavaram,  
Krishna District - 521107

Mobile: 9866078269

E – mail: lvg.futurewise@gmail.com




PRINCIPAL

**VIJAYA INSTITUTE**  
**PHARMACEUTICAL SCIENCES FOR WOMEN**  
**ENIKEPADU VIJAYAWADA 521 108**



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, VIJAYAWADA – 521108

Telephone No: +91 74165 60999

Fax No: +91 866 2844999

Mail: vijayapharmacyfw@gmail.com

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Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada  
**ISO 9001:2015 Certified Institution**

**Date: 19-10-2018**

## REPORT

**Name of the Program: Campus Recruitment Training (CRT)**

**Duration: 17<sup>th</sup> September 2018 to 12<sup>th</sup> October 2018**

**Resource person details: Mr. L.V. Gangadhara Rao**

Future Wise  
Gannavaram  
Krishna District - 521107  
Email: lvg.futurewise@gmail.com  
Contact: 9866078269

**Number of students attended: 30**

Future Wise, Gannavaram organized a certificate programme on **Campus Recruitment Training (CRT)** for IV<sup>th</sup> Pharm D students by the resource person **Mr. L.V. Gangadhara Rao** from **17<sup>th</sup> September 2018 to 12<sup>th</sup> October 2018**. This training was conducted to train students for upcoming campus recruitment drives. All the students participated energetically and they were able to know the following objectives and learning outcomes.

### **Objectives:**

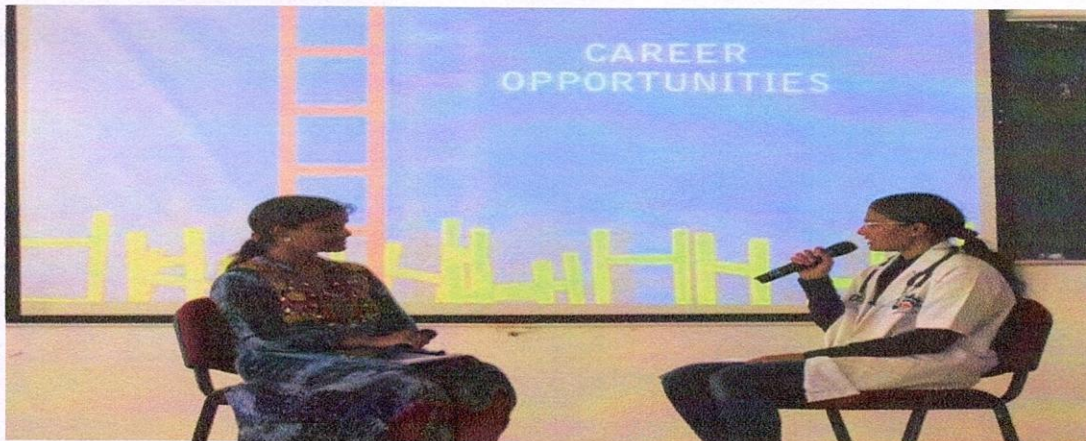
1. To train students on analytical, logical, verbal, and critical reasoning.
2. To train students on program include problem-solving and time-saving techniques.
3. Preparedness to become suitable to pharma and non - pharma jobs.
4. Graduates have to enhance their employability skills before leaving educational institutions.
5. To bridge the gap between industry and university.
6. To develop confidence, communication skills, teamwork (how you manage and engage fellow participants) and technical knowledge of the subject.

### **Learning Outcomes:**

1. Organize and write an effective cover letter and Resume.
2. Exercise judgment and logical decision making in selecting from alternative techniques for Group Discussion & Interview.



3. Understand organizational procedures and policies as related to how the employers process for campus recruitment and employer preferences
4. Use self-assessments to identify strengths, weaknesses, transferable skills, and prime marketable characteristics.



This course was very much informative to the students and their feedback was positive about the course. The management and Dr. K. Padmalatha, Principal of VIPW thanked the resource person **Mr. L.V. Gangadhara Rao** and participants for making the program successful.

*S. Venkatesh*  
Coordinator



*Principal*  
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PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU VIJAYAWADA 521 108

**Program Name: CAMPUS RECRUITMENT TRAINING (CRT)**

**A.Y- 2018-19**

**Class: IV PHARM D**

**Schedule: 17.09.2018 to 12.10.2018**

**LIST OF STUDENTS**

S. No	Reg.No	Name of the Student
1	157N1T0002	BANDI AKHILA SRI
2	157N1T0003	JAMALAPURAPU SRI LAKSHMI PRIYANKA
3	157N1T0004	VEMPARALA LAKSHMI CHAITRA
4	157N1T0005	ACHARI KANDUKURI SRI VASAVI
5	157N1T0006	CHALLAGUNDLA SUKANYA
6	157N1T0007	BELLAMKONDA HARSSHENE
7	157N1T0008	KARNENI HEMA
8	157N1T0009	KOMATI MADHURI
9	157N1T0010	MADALA MOUNISHA
10	157N1T0011	PAREPALLI JHANSI
11	157N1T0012	APPIKONDA RAMYA SRAVANTHI
12	157N1T0013	YERUBANDI SRI NAGA SAI SURYA AKHILA
13	157N1T0014	GOTTAAPU BHARGAVI
14	157N1T0015	SHAIK HAFEEZUNNISA
15	157N1T0016	SHAIK JAREENA
16	157N1T0017	SHAIK TANISHA BIBI
17	157N1T0018	SRI RAMA SAHITYA
18	157N1T0019	MALINA NAGA VENKATA PHANI MOUNIKA
19	157N1T0020	TELLAKULA INDRAJA SAI MANI
20	157N1T0021	TANNIRU TEJASWI PRIYANKA
21	157N1T0022	ELI LAVANYA
22	157N1T0023	KANCHARLA LAVANYA REKHA
23	157N1T0024	MYLIPILLI SANDHYA
24	157N1T0025	MANNEPALLI RAJA KUMARI
25	157N1T0026	MAKKAPATI SIVAKSHARI
26	157N1T0027	PALADUGU VISHNU PRIYA
27	157N1T0028	H.N.S.GAYATHRI
28	157N1T0029	CHINTAPALLI SAI
29	187N1T0101	POTLURI LAKSHMI MEGHANA
30	187N1T0102	VADLPATLA MOHANAMUDHITHA



  
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PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA  
PIN - 521 108



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

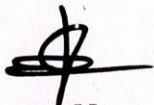
ENIKEPADU, VIJAYAWADA - 521 108.

## Certificate of Completion


This is to certify that


Ms M. Sandhya

has successfully completed certificate programme on "**CAMPUS RECRUITMENT TRAINING**" from 17-9-18 to 12-10-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, in association with Future Wise, Gannavaram, Krishna Dist.

  
**Mr. L. V. Gangadhara Rao**  
Convenor  
Future Wise



  
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ENIKEPADU, VIJAYAWADA 521 108

  
**Prof. K. Padmalatha**  
Principal  
VIPW



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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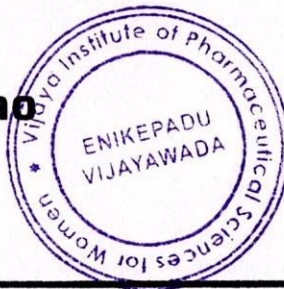
## Certificate of Completion

This is to certify that

Ms Ch. Sai

has successfully completed certificate programme on "**CAMPUS RECRUITMENT TRAINING**" from 17-9-18 to 12-10-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, in association with Future Wise, Gannavaram, Krishna Dist.

**Mr. L. V. Gangadhara Rao**  
Convenor  
Future Wise



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**Prof. K. Padmalatha**  
Principal  
VIPW



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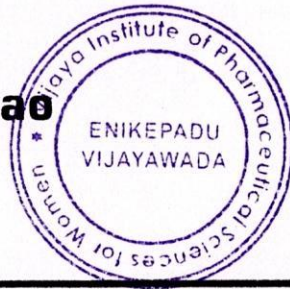
## Certificate of Completion


This is to certify that

Ms K. Madhuri

has successfully completed certificate programme on "**CAMPUS RECRUITMENT TRAINING**" from 17-9-18 to 12-10-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, in association with Future Wise, Gannavaram, Krishna Dist.

  
**Mr. L. V. Gangadhara Rao**  
Convenor  
Future Wise



  
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**Prof. K. Padmalatha**  
Principal  
VIPW



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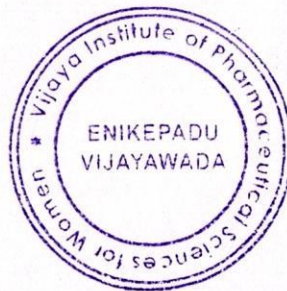
## Certificate of Completion


This is to certify that

Ms M. Mounisha

has successfully completed certificate programme on "**CAMPUS RECRUITMENT TRAINING**" from 17-9-18 to 12-10-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, in association with Future Wise, Gannavaram, Krishna Dist.

  
**Mr. L. V. Gangadhara Rao**  
Convenor  
Future Wise



  
**Prof. K. Padmalatha**  
Principal  
VIJAYA INSTITUTE  
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# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

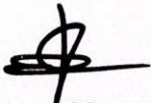
ENIKEPADU, VIJAYAWADA - 521 108.

## Certificate of Completion


This is to certify that


Ms G. Bhargavi

has successfully completed certificate programme on "**CAMPUS RECRUITMENT TRAINING**" from 17-9-18 to 12-10-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, in association with Future Wise, Gannavaram, Krishna Dist.

  
**Mr. L. V. Gangadhara Rao**  
Convenor  
Future Wise



  
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**Prof. K. Padmalatha**  
Principal  
VIPW

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA-521108.

DATE: 10.07.2018

**CIRCULAR**

All the students of **II M Pharm** Pharmaceutics, Pharmaceutical Analysis and Pharmacology are here by informed that, the add-on program on “**Advances in Pharmaceutical Drug Delivery and Technology**” which will commence from **17<sup>th</sup> to 28<sup>th</sup> July 2018**. Hence, all the students are hereby informed to attend the classes without fail.

  
Principal

S. Venkatesh

Q.

BH

Muk

AD

M

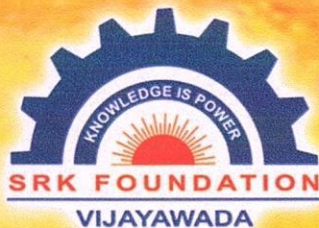


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PIN - 521 108



AN ADD ON PROGRAMME ON  
**“ADVANCES IN PHARMACEUTICAL  
DRUG DELIVERY AND  
TECHNOLOGY”**  
from 17<sup>th</sup> to 28<sup>th</sup> July 2018

*Organized By*



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ENIKEPADU, VIJAYAWADA - 521108



*Principal*  
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VIJAYA INSTITUTE  
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ENIKEPADU VIJAYAWADA 521 108

## PROGRAMME OBJECTIVES :

Advances in Pharmaceutical drug delivery technologies enhance drug absorption, efficacy, and patient experience. When combined with appropriate targeting moieties, drug-coated nanoparticles, drug-encapsulating liposomes and nanotubes, and tree-like dendrimers enable organ and tissue targeting. This program was designed to improve the knowledge on the area of novel drug delivery systems and technology.

1. Principle & approaches for development of various advanced drug delivery systems
2. Criteria for selection of drugs and polymers for the development of novel drug delivery systems, their formulation and evaluation
3. Various new technology used in Pharmaceutical industries.

### RESOURCE PERSON :

**Dr. B. Ramu**, Professor

Department of Pharmaceutical Chemistry

Email: ramu\_swaran@gmail.com, Ph. : 9246775597  
Vijaya Institute of Pharmaceutical Sciences for Women

**Mr. S. Venkateswara Rao**, Associate Professor

Department of Pharmaceutics

Email: venkateshsadhu@gmail.com, Ph. : 9966860288  
Vijaya Institute of Pharmaceutical Sciences for Women

### ORGANIZATION COMMITTEE

**B. S. Sri Krishna**

Secretary, SRK Foundation, Vijayawada

**Mr. S. Venkateswara Rao**

Programme Co-Ordinator , VIPW, Vijayawada

**Dr. K. Padmalatha**


Convenor, Principal, VIPW, Vijayawada

### STUDENT CO-ORDINATORS

Ms. K. Tanuja

Ms. Y. Ramya



  
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VIJAYA INSTITUTE  
PHARMACEUTICAL SCIENCES FOR WOMEN  
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VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

VIJAYAWADA

**VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN**  
**Enikepadu, Vijayawada**

**Program Name: Advances in Pharmaceutical Drug  
Delivery and Technology**

**Duration: 17<sup>th</sup> to 28<sup>th</sup> July 2018**

**A.Y: 2018 - 2019**

**Curriculum Designed and Developed by:**

S. No	Faculty Name	Designation	Signature
1	Dr. B. Ramu Professor	Coordinator	
2	Mr. S. Venkateswara Rao Assoc. Professor	Member	
3	Mrs. B. Sravani Asst. Professor	Member	
4	Mrs. B. Hemalatha Asst. Professor	Member	

SESSION	TITLE	DURATION
1	Nanopharmaceuticals: Generation and significance of Nano-Pharmaceuticals like nanosuspensions, nanogels, nanocarrier systems	3hrs
2	Gastro-Retentive Drug Delivery Systems: Principle, concepts advantages and disadvantages, Modulation of GI transit time approaches to extend GI transit. Methods of formulation and its evaluations.	3hrs
3	Nasal Drug Delivery Systems: Introduction, physiological aspects, mechanisms and pathways, drug delivery systems.	3hrs
4	Sub Micron Cosmeceuticals: Biology, formulation science and evaluation of various cosmetics for skin, hair, nail, eye etc and its regulatory aspects.	3hrs
5	Drug carrier systems targeted to widely dispersed cells <ul style="list-style-type: none"> <li>• Delivery to Macrophages</li> <li>• Delivery to lymphoid cells of immune network</li> <li>• Delivery to lysosomal storage diseases</li> </ul>	3hrs
6	Regulatory consideration in controlled release: Modification requirements to demonstrate safety, efficiency & controlled release nature. Bioavailability, assurance, WHO & Indian condition.	3hrs
7	Basic requirements for design, facility, equipment selection, for tablets, capsules, liquid orals, parenteral and semisolid	3hrs

	preparations.	
8	Improved capsule manufacturing and filling machines for hard and soft gelatin capsules.	3hrs
9	Improved Tablet Production: Tablet production process, unitoperation improvements, granulation and pelletization equipments.	3hrs
10	Importance, Technology transfer from R & D to pilot plant to plant scale, process scale up for tablets, capsules, liquid orals, semisolids, parenteral, NDDS	3hrs
11	Problems encountered during transfer of technology	3hrs
12	Packaging Technology: Types of packaging materials, machinery, labeling, and package printing for different dosage forms.	3hrs

*S. Venkatesh*  
Coordinator



*S. Venkatesh*  
Principal

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PIN - 521 108



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Telephone No: +91 74165 60999

Fax No: +91 866 2844999

Mail: vijayapharmacyfw@gmail.com

**Date: 01-08-2018**

## REPORT

**Name of the Program: Advances in Pharmaceutical Drug Delivery and Technology**

**Duration:** 17<sup>th</sup> to 28<sup>th</sup> July 2018

### **Resource Person Details:**

Dr. B. Ramu, M. Pharm, Ph.D

Professor

Department of Pharmaceutical Chemistry

Vijaya Institute of Pharmaceutical

Sciences for Women

Email: ramu\_swaran@yahoo.co.in

Contact Number: 9246775597

Mr. S. Venkateswara Rao, M. Pharm

Associate Professor

Department of Pharmaceutics

Vijaya Institute of Pharmaceutical

Sciences for Women

Email: venkateshsadhu@gmail.com

Contact Number: 9966860288

Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada organized an add on program on **Advances in Pharmaceutical Drug Delivery and Technology** for M. Pharmacy students by **Dr. B. Ramu**, Professor, Department of Pharmaceutics and **Mr. S. Venkateswara Rao**, Associate Professor, Department of Pharmaceutics from 17<sup>th</sup> to 28<sup>th</sup> July 2018. This program was designed to impart the knowledge on formulation and evaluation of advanced drug delivery systems and recent techniques in the drug development. Totally 23 students participated in this training program. All the students actively participated. Upon completion of the program the students were able to understand the following objectives and learning outcomes.

### **Objectives**

- Understand the criteria for selection of drugs and polymers for the development of novel drug delivery systems, their formulation and evaluation.
- Understand the formulation and evaluation of novel drug delivery systems.
- Understand the principle involved in formulation of various advanced drug delivery systems.
- Understand various approaches for development of novel drug delivery systems.
- Understand various new technologies used in pharmaceutical industries.



## VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada  
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### Learning Outcomes

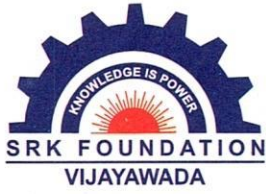
- Formulate Gastro-Retentive drug delivery systems, Floating micro balloons, Magnetic drug delivery systems and evaluate them for their quality.
- Know the Pilot Plant Scale Up Techniques.
- Know the formulation aspects of different advanced drug delivery systems.
- Know various considerations in development of advanced drug delivery systems.
- Know the various new technologies used in pharmaceutical industries.

This program was very much informative to the students and their feedback was positive about the program. The management and Dr. K. Padmalatha, Principal of VIPW thanked the resource persons Dr. B. Ramu, Mr. S. Venkateswara Rao and participants for making the program successful.

*S. Venkateswara Rao*  
Coordinator



*K. Padmalatha*  
Principal  
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ENIKEPADU VIJAYAWADA 521 108



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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Pharmacy council of India. New Delhi & Affiliated to JNTU Kakinada

Enikepadu, VIJAYAWADA - 521 108.  
Telephone No. : +91 7416560999  
Fax No. : +91 866 2844999  
e-mail : vijayapharmacyfw@gmail.com

## Program Name : ADVANCES IN PHARMACEUTICAL DRUG DELIVERY AND TECHNOLOGY

A.Y - 2018-19

Class: II M. PHARM

Schedule: 17.07.2018 to 28.07.2018

### LIST OF STUDENTS

S. No	Reg.No	Name of the Student
1	177N1S0301	KOLETI SINDHU
2	177N1S0302	MENDEM SRUJANA
3	177N1S0303	ANNAVARAPU SRUTHI
4	177N1S0304	SHAIK SHEHANAZ
5	177N1S0305	TANGELLAMUDI PRASANNA KUMARI
6	177N1S0306	VEMANDA UMA
7	177N1S0307	SANAGAPALLI N V SAI BHARGAVI
8	177N1S0308	BOJJAGANI LEKHYA
9	177N1S0309	DONKENA PADMA
10	177N1S0310	DUNGA LAKSHMI BHAVANI
11	177N1S0311	ITHAM MADHUMATHI
12	177N1S0312	MOHAMMAD SHAMEEMUNNISA
13	177N1S0401	SHAIK KARISHMA SULTHANA
14	177N1S0402	MATTI NAGA VENKATA PADMAVATHI
15	177N1S0403	KODALI TANUJA
16	177N1S0404	KOTTHALANKA JYOTHSNA DEVI
17	177N1S0405	PETLA LAKSHMI PRASANNA
18	177N1S0406	RAVURI SOWJANYA
19	177N1S0601	VARADA KALYANI
20	177N1S0602	DUDDU POORNIMA SAI
21	177N1S0603	MAGHAM RUPA DURGA DEVI
22	177N1S0604	KONDAIGUNTA DIVYA
23	177N1S0605	YANAMADALA RAMYA



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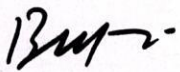
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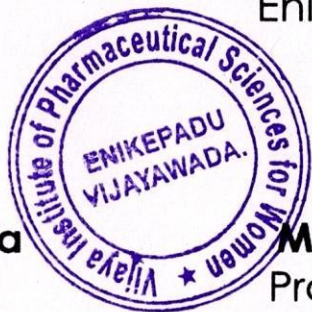
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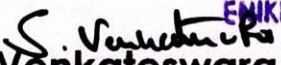
This is to certify that


Ms. V. Uma


has successfully completed add on programme on "**ADVANCES IN PHARMACEUTICAL DRUG DELIVERY AND TECHNOLOGY**" from 17-7-18 to 28-7-18.  
Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN,  
Enikepadu, Vijayawada.

  
B. S. Sri Krishna  
Secretary  
SRK Foundation



  
Mr. S. Venkateswara Rao  
Programme Co-Ordinator  
VIPW

  
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ENIKEPADU VIJAYAWADA 521 108

  
Prof. K. Padmalatha  
Convenor  
Principal, VIPW



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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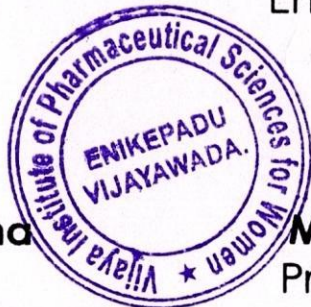
## CERTIFICATE of COMPLETION

This is to certify that

Ms D. Padma

has successfully completed add on programme on "**ADVANCES IN PHARMACEUTICAL DRUG DELIVERY AND TECHNOLOGY**" from 17-7-18 to 28-7-18.  
Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN,  
Enikepadu, Vijayawada.

*B. S. Sri Krishna*  
B. S. Sri Krishna  
Secretary  
SRK Foundation



*S. Venkateswara Rao*  
Mr. S. Venkateswara Rao  
Programme Co-Ordinator  
VIPW

*K. Padmalatha*  
PRINCIPAL  
VIJAYA INSTITUTE  
PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU VIJAYAWADA 521 108  
Prof. K. Padmalatha  
Convenor  
Principal, VIPW

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA-521108.

DATE: 23.07.2018

**CIRCULAR**

All the students of **II M Pharm** Pharmaceutics, Pharmaceutical Analysis and Pharmacology are here by informed that, the add-on program on “**Scientific Approach to Analytical Methods Development and Validation Activities**” which will commence from **30<sup>th</sup> July 2018 to 11<sup>th</sup> August 2018**. Hence, all the students are hereby informed to attend the classes without fail.

  
Principal

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PIN - 521 108



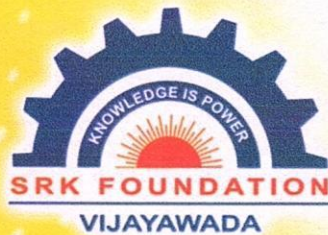
BH  
A.J.V.  
H.V.B.  
S.  
S. Venkatesh Rao

AN ADD ON PROGRAMME ON  
**“SCIENTIFIC APPROACH TO  
ANALYTICAL METHOD DEVELOPMENT  
AND VALIDATION ACTIVITIES”**

from 30-07-2018 to 11-08-2018



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**ENIKEPADU, VIJAYAWADA - 521108**



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ENIKEPADU VIJAYAWADA 521108

## PROGRAMME OBJECTIVES :

This program introduces the schematics of Methods Development and Validation with a grassroots, conceptual standpoint, based on scientific rationale and a Method by Design approach. The aim is to lead the audience to the understanding, basic elements of analytical method, with a focus on Quality. At the outset, it implores the analytical chemist to grasp an Analytical Method as a process of measurement.

1. To get knowledge about development and optimization of chromatographic methods.
2. Study about importance of system suitability parameters in chromatographic methods.
3. To get up to date with the ICH and US FDA guidelines for the analytical method validation parameters.

## RESOURCE PERSON :

**Dr. G. Surendra**, Associate Professor  
Department of Pharmaceutical Chemistry  
Email: grandhi.surender@gmail.com, Ph. : 9951740487  
Vijaya Institute of Pharmaceutical Sciences for Women

**Mr. M. Bala Krishna**, Assistant Professor  
Department of Pharmaceutical Analysis  
Email: balukrishna.muthyala10@gmail.com, Ph. : 8341551448  
Vijaya Institute of Pharmaceutical Sciences for Women

## ORGANIZATION COMMITTEE

**B. S. Sri Krishna**  
Secretary, SRK Foundation, Vijayawada


**Mr. S. Venkateswara Rao**  
Programme Co-Ordinator , VIPW, Vijayawada

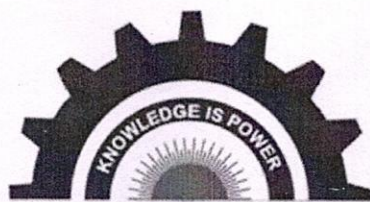
**Dr. K. Padmalatha**  
Convenor, Principal, VIPW, Vijayawada

## STUDENT CO-ORDINATORS

Ms. M. Srujana  
Ms. V. Kalyani



  
PRINCIPAL  
VIJAYA INSTITUTE  
PHARMACEUTICAL SCIENCES FOR WOMEN  
EMIKEPADU VIJAYAWADA 521 008



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

VIJAYAWADA

**VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN**  
**Enikepadu, Vijayawada**

**Program Name: Scientific Approach to Analytical  
Method Development and Validation Activities**

**Duration: 30<sup>th</sup> July 2018 to 11<sup>th</sup> August 2018**

**A.Y: 2018 - 19**

Curriculum Designed and Developed by:

S. No	Faculty Name	Designation	Signature
1	Dr. B. Ramu Professor	Coordinator	
2	Dr. M. Narender Assoc. Professor	Member	
3	Dr. G. Surender Assoc. Professor	Member	
4	Mr. M. Bala Krishna Asst. Professor	Member	

SESSION	TITLE	DURATION
1.	ICH Guidelines: <ul style="list-style-type: none"> <li>• Overview of ICH Guidelines</li> <li>• Stability Guidelines</li> <li>• GMP Guidelines for Pharmaceuticals</li> <li>• Nitrosamine Impurities Guidelines</li> </ul>	3hrs
2.	System Suitability Parameters For Hplc Method Development <ul style="list-style-type: none"> <li>• System Suitability Test</li> <li>• Resolution.</li> <li>• Retention time.</li> <li>• Pressure.</li> <li>• Column efficiency.</li> <li>• Repeatability.</li> <li>• Plate Number.</li> <li>• Tailing factor.</li> <li>• Signal-to-noise ratio.</li> </ul>	3hrs
3.	Analytical Method Validation Parameters ICH Q2B Validation Guidelines The validation characteristics <ul style="list-style-type: none"> <li>• Specificity</li> <li>• Linearity</li> <li>• Quantitation limit</li> <li>• Detection limit</li> <li>• Range</li> <li>• Accuracy</li> <li>• Precision               <ul style="list-style-type: none"> <li>• Repeatability</li> </ul> </li> <li>• Intermediate Precision               <ul style="list-style-type: none"> <li>• Reproducibility</li> </ul> </li> <li>• Robustness</li> <li>• System Suitability Testing</li> </ul>	3hrs
4.	Trouble Shooting Of Hplc <ul style="list-style-type: none"> <li>• Peak Shape</li> <li>• Retention Variation</li> <li>• Ghost Peaks</li> <li>• Column Back Pressure</li> <li>• Column Care</li> </ul>	3hrs
5.	Impurity Profiling <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Classification of impurities in API</li> <li>• Impurities present in formulation</li> <li>• Identification of impurities</li> </ul>	3hrs
6.	Stability Indicating Methods <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Role Of QA In SIM</li> <li>• General Principle</li> </ul>	3hrs

	<ul style="list-style-type: none"> <li>• Photo stability Testing Of New Drug Substances And Products Q1b</li> <li>• Guidance On Stability Testing: Stability Testing Of New Drug Substances And Products</li> <li>• Development Of A SIM</li> <li>• Photo stability Studies</li> <li>• Introduction And Importance Of Stability– Indicating Analytical Method Development</li> <li>• Techniques Engaged In Literature Data For The Development Of SIAMS</li> <li>• Steps Involved During The Development Of Stability–Indicating Analytical Methods (SIAMS)</li> <li>• Force Degradation Studies /Stress Testing Studies</li> <li>• Analytical Method Validation Process</li> </ul>	
7.	Bioanalytical Method Development And Validation <ul style="list-style-type: none"> <li>• Sample Preparation</li> <li>• Extraction Techniques</li> <li>• Analytical Method Procedures</li> <li>• Validation</li> </ul>	3hrs
8.	Cleaning And Process Validation <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Back Ground</li> <li>• General Requirements</li> <li>• Evaluation of Cleaning Validation</li> <li>• Establishment Of Limits</li> <li>• Other Issues</li> </ul>	3hrs
9.	Assay Testing Of Pharmaceutical Substances <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Guidelines of Specifications</li> <li>• General Concepts</li> </ul>	3hrs
10.	Stability Testing Of Residual Solvents <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Types of Solvents</li> <li>• Testing Of Solvents</li> <li>• Current Issues</li> </ul>	3hrs
<b>PRACTICAL HOURS</b>		
11.	Rp-Hplc Method Development And Validation Of Amoxicillin Tri- Hydrate By Using Internal Standard As Pantoprazole In Pharmaceutical Dosage Forms	3hrs
12.	Determination Of Pesticides Residue In Brinjal By Using Extraction Spectrophotometric Method	3hrs

*S. Sankar*  
Coordinator



*Vijaya*  
Principal  
VIJAYA INSTITUTE OF  
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PIN - 521 108





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Pharmacy Council of India, New Delhi & Affiliated to JNTUK, Kakinada  
**ISO 9001:2015 Certified Institution**

Enikepadu, VIJAYAWADA – 521108

Telephone No: +91 74165 60999

Fax No: +91 866 2844999

Mail: vijayapharmacyfw@gmail.com

**Date: 13-08-2018**

## **REPORT**

**Name of the Program:** Scientific Approach to Analytical Method Development and  
Validation Activities

**Duration:** 30-07-2018 to 11-08-2018

### **Resource Person Details:**

Dr. G. Surendra

Associate Professor

Department of Pharmaceutical Chemistry

Vijaya Institute of Pharmaceutical

Sciences for Women

Email: grandhi.surender@gmail.com

Contact Number: 9951740487

Mr. M. Bala Krishna

Assistant Professor

Department of Pharmaceutical Analysis

Vijaya Institute of Pharmaceutical

Sciences for Women

Email: balukrishna.muthyala10@gmail.com

Contact Number: 8341551448

Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada organized a add on program on **Scientific Approach to Analytical Method Development and Validation Activities** for M. Pharmacy students by **Dr. G. Surendra**, Associate Professor, Department of Pharmaceutical Chemistry and **Mr. M. Bala Krishna**, Assistant Professor, Department of Pharmaceutical Analysis from 30/07/2018 to 11/08/2018. This program covered the following objectives and learning outcomes.

### **Objectives**

- To get knowledge about development and optimization of chromatographic methods.
- Study about importance of system suitability parameters in chromatographic methods.
- To get up to date with the ICH and USFDA guidelines for the analytical method validation parameters.



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### Learning outcomes

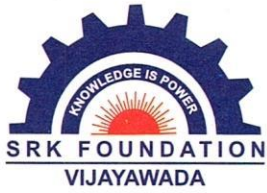
- Development of analytical methods in a systematic view.
- Parameters influencing chromatographic method development and how to optimize the method.
- Reporting of the results of analytical method validation parameters and their significance.

Totally **23** students participated actively in the training. The program was very much useful to the students and their response about the program was encouraging. The management and Dr. K. Padmalatha, Principal of VIPW thanked the resource persons **Dr. G. Surendra, Mr. M. Bala Krishna** and participants for making the program successful.

*S. Venkatesh*  
Coordinator



*K. Padmalatha*  
Principal  
PRINCIPAL  
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PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU VIJAYAWADA 521108



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Pharmacy council of India. New Delhi & Affiliated to JNTU Kakinada

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Fax No. : +91 866 2844999  
e-mail : vijayapharmacyfw@gmail.com

## Program Name : SCIENTIFIC APPROACH TO ANALYTICAL METHODS DEVELOPMENT AND VALIDATION ACTIVITIES

A.Y -2018-19

Class: II M. PHARM

Schedule: 30.07.2018 to 11.08.2018

### LIST OF STUDENTS

S. No	Reg.No	Name of the Student
1	177N1S0301	KOLETI SINDHU
2	177N1S0302	MENDEM SRUJANA
3	177N1S0303	ANNAVARAPU SRUTHI
4	177N1S0304	SHAIK SHEHANAZ
5	177N1S0305	TANGELLAMUDI PRASANNA KUMARI
6	177N1S0306	VEMANDA UMA
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11	177N1S0311	ITHAM MADHUMATHI
12	177N1S0312	MOHAMMAD SHAMEEMUNNISA
13	177N1S0401	SHAIK KARISHMA SULTHANA
14	177N1S0402	MATTI NAGA VENKATA PADMAVATHI
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19	177N1S0601	VARADA KALYANI
20	177N1S0602	DUDDU POORNIMA SAI
21	177N1S0603	MAGHAM RUPA DURGA DEVI
22	177N1S0604	KONDAIGUNTA DIVYA
23	177N1S0605	YANAMADALA RAMYA



  
PRINCIPAL

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PIN - 521 108



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ENIKEPADU, VIJAYAWADA - 521 108.

## *Certificate of Completion*

This is to certify that

Ms \_\_\_\_\_

*K. Sindhu*

has successfully completed add on programme on "**SCIENTIFIC APPROACH TO ANALYTICAL METHODS DEVELOPMENT AND VALIDATION ACTIVITIES**" from 30-7-18 to 11-8-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada.

*B.S.K.*  
Sri B. S. Sri Krishna  
Secretary  
SRK Foundation



*S. Venkateswara Rao*  
Mr. S. Venkateswara Rao  
Programme Co-Ordinator  
VIPW



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ENIKEPADU VIJAYAWADA 521 108  
Prof. K. Padmalatha  
Convenor  
Principal, VIPW



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

ENIKEPADU, VIJAYAWADA - 521 108.

## Certificate of Completion

This is to certify that

Ms M. Srujana

has successfully completed add on programme on "**SCIENTIFIC APPROACH TO ANALYTICAL METHODS DEVELOPMENT AND VALIDATION ACTIVITIES**" from 30-7-18 to 11-8-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada.

*B.S.K.*  
Sri B. S. Sri Krishna  
Secretary  
SRK Foundation



*S. Venkateswara Rao*  
Mr. S. Venkateswara Rao  
Programme Co-Ordinator  
VIPW

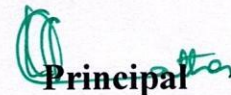
*Prof. K. Padmalatha*  
PRINCIPAL  
Prof. K. Padmalatha  
Convenor  
Principal, VIPW  
PHARMACEUTICAL SCIENCES FOR WOMEN  
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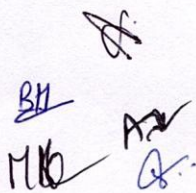
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DATE: 07.08.2018

**CIRCULAR**

All the students of **II M Pharm** Pharmaceutics, Pharmaceutical Analysis and Pharmacology are here by informed that, the add-on program on **“IPR, PATENT DRAFTING, FILLING AND PROCESSING”** which will commence from 13<sup>th</sup> to 25<sup>th</sup> August 2018. Hence, all the students are hereby informed to attend the classes without fail.

  
Principal



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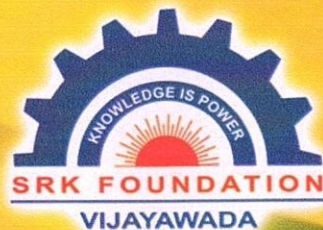
*S. Venkatesh*

AN ADD ON PROGRAMME ON  
"IPR, PATENT DRAFTING,  
FILLING & PROCESSING"

from 13-8-18 to 25-8-18



*Organized By*



**VIJAYA INSTITUTE OF PHARMACEUTICAL  
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*Principal*  
PRINCIPAL

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## PROGRAMME OBJECTIVES :

A patent is a document or legal certificate given for protecting a design, utility or innovation, which comes under the broad umbrella of IPRs. Patent drafting: Distinctly identifying the invention in exact terms and understanding the specification of the invention. The course will cover the fundamental principles of patent drafting and discuss in detail the concepts in patent law & IPR.

1. Vital concepts of intellectual property.
2. Importance of Patents in the knowledge economy
3. Tricks & tips to describe an invention in a patent application.

## RESOURCE PERSON :

**Dr. G. Prasanthi**, Professor

Department of Pharmaceutical Chemistry

Email: prasanthi.gummalla@yahoo.com, Ph. : 9959008935

Vijaya Institute of Pharmaceutical Sciences for Women

**Mrs. B. Hemalatha**, Asst. Professor

Department of Pharmaceutics

Email: balahemalatha25@gmail.com, Ph. : 9704116807

Vijaya Institute of Pharmaceutical Sciences for Women

## ORGANIZATION COMMITTEE

**Sri B. S. Sri Krishna**

Secretary, SRK Foundation, Vijayawada

**Mr. S. Venkateswara Rao**

Programme Co-Ordinator , VIPW, Vijayawada

**Dr. K. Padmalatha**

Convenor, Principal, VIPW, Vijayawada

## STUDENT CO-ORDINATORS

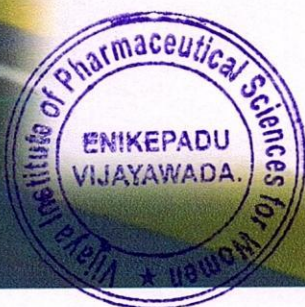
Ms. D. Padma

Ms. R. Sowjanya

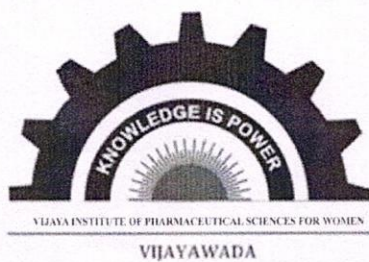


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**VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN**  
**Enikepadu, Vijayawada**

**Program Name: IPR, Patent drafting, Filing and Processing**

**Duration: 13<sup>th</sup> to 25<sup>th</sup> August 2018**

**A.Y: 2018 - 19**

**Curriculum Designed and Developed by:**

S. No	Faculty Name	Designation	Signature
1	Dr. G. Prasanthi Professor	Coordinator	
2	Mrs. B. Hemalatha Asst. Professor	Member	
3	Ms. Md. Mobeen Shaik Asst. Professor	Member	
4	Mrs. A.V.S. Himabindu Asst. Professor	Member	

SESSION	TITLE	DURATION
<b>IPR, Patent drafting, Filing and Processing</b>		
1	Introduction to Intellectual Property Rights (IPR) <ul style="list-style-type: none"> <li>• History of IPR</li> <li>• Rationale for protection of IPR</li> <li>• IPR in India - Genesis and development</li> </ul>	3 hrs
2	International organizations, agencies and treaties. <ul style="list-style-type: none"> <li>• WTO, TRIPS and WIPO</li> </ul> Types of Intellectual Property Rights	3 hrs
3	Introduction to Trademarks. <ul style="list-style-type: none"> <li>• Rights of trademarks</li> <li>• Purpose and functions of trademarks</li> </ul>	3 hrs
4	Introduction to Copyright <ul style="list-style-type: none"> <li>• Rights &amp; protection Covered by Copy rights</li> </ul> Importance of Trade Secret <ul style="list-style-type: none"> <li>• Trade secrets usage in trade and businesses</li> </ul>	3 hrs
5	Concept of Geographical Indications. Geographical Indications registration in India. Value of Layout Designs of Integrated Circuits	3 hrs
6	Protection of plant varieties Significance of Industrial Designs Registration and protection of design in India and abroad.	3 hrs
7	Patents and its importance Patent Act -1970	3 hrs

	Patent Amendment Act 2005	
8	Patentable and Non-patentable Inventions Legal requirements for Patents. Types of Patent applications	3 hrs
9	Understanding patent system in India Filing patents outside of India Patent application process	3 hrs
10	Searching patents databases for designing research objectives. Drafting of provisional specifications Drafting of complete specifications	3 hrs
11	Drafting of claims Patent filing procedure in India Patent document, Specifications and claims	3 hrs
12	Patent prosecution in India. Commercial exploitation of IP – Infringement International Treaties for Patent: <ul style="list-style-type: none"> <li>• Patent Co-operation Treaty (PCT)</li> </ul>	3 hrs

*S. Venkatesh*  
Coordinator



*(Signature)*  
Principal  
VIJAYA INSTITUTE OF  
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Mail: vijayapharmacyfw@gmail.com

**Date: 30-08-2018**

## REPORT

**Name of the Program: IPR, Patent Drafting, Filling & Processing**

**Duration:** 13-08-2018 to 25-08-2018

### **Resource Person Details:**

Dr. G. Prasanthi

Professor

Department of Pharmaceutical Chemistry

Vijaya Institute of Pharmaceutical

Sciences for Women

Email: prasanthi.gummalla@yahoo.com

Contact Number: 9959008935

Mrs. B. Hemalatha

Asst. Professor

Department of Pharmaceutics

Vijaya Institute of Pharmaceutical

Sciences for Women

Email: balahemalatha25@gmail.com

Contact Number: 9704116807

Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada organized a add on program on **IPR, Patent drafting, Filling & Processing** for M. Pharmacy students by the faculty members **Dr. G. Prasanthi**, Professor, Department of Pharmaceutical Chemistry and **Mrs. B. Hemalatha**, Asst. Professor, Department of Pharmaceutics from 13<sup>th</sup> August 2018 to 25<sup>th</sup> August 2018. Totally 23 students participated in this training course. All the students had actively participated and upon completion of the program they were able to understand the following objectives and learning outcomes.

### **Objectives**

- To understand the vital concepts of intellectual property.
- To acquire the preliminary skills of patent drafting.
- To obtain knowledge about patents.

### **Learning outcomes**

- Understand the procedures to convert the research outcome into patents.



## VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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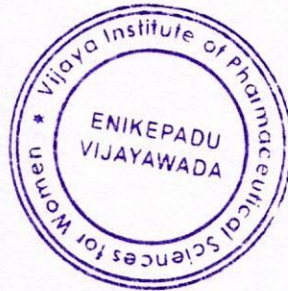
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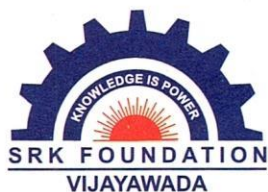
- Impart greater awareness about the issue of IPRs.
- Understand patent drafting and commercialization of research work.

This program was very much informative to the students and their feedback was positive about the program. Dr. K. Padmalatha, Principal of VIPW thanked the resource persons Dr. G. Prasanthi, Mrs. B. Hemalatha and participants for making the program successful.

*S. Venkatesh*  
Coordinator



*B. Hemalatha*  
Principal  
VIJAYA INSTITUTE  
PHARMACEUTICAL SCIENCES FOR WOMEN  
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e-mail : vijayapharmacyfw@gmail.com

**Program Name : IPR, PATENT DRAFTING, FILLING AND PROCESSING**

**A.Y - 2018-19**


**Class: II M. PHARM**

**Schedule: 13.08.2018 to 25.08.2018**

## LIST OF STUDENTS

S. No	Reg.No	Name of the Student
1	177N1S0301	KOLETI SINDHU
2	177N1S0302	MENDEM SRUJANA
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22	177N1S0604	KONDAIGUNTA DIVYA
23	177N1S0605	YANAMADALA RAMYA



  
**PRINCIPAL**  
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PIN - 521 108



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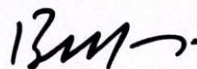
ENIKEPADU, VIJAYAWADA - 521 108.

## Certificate of Completion

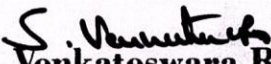
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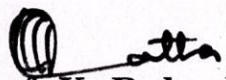
Ms V. Kalyani

has successfully completed add on programme on "IPR, PATENT DRAFTING, FILLING & PROCESSING" from 13-8-18 to 25-8-18. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada.

  
Sri B. S. Sri Krishna  
Secretary  
SRK Foundation



  
Mr. S. Venkateswara Rao  
Programme Co-Ordinator  
VIPW

  
PRINCIPAL  
VIJAYA INSTITUTE  
PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU VIJAYAWADA 521 108

Prof. K. Padmalatha  
Convenor  
Principal, VIPW





VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA-521108.

DATE: 20.11.2018

**CIRCULAR**

All the students of **III B Pharm** are here by informed that, the add-on program on “**Research Design, Execution and Publication**” which will commence from **24<sup>th</sup> November 2018 to 23<sup>rd</sup> February 2019**. Hence, all the students are hereby informed to attend the classes without fail.



  
Principal

VIJAYA INSTITUTE OF  
PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA  
PIN - 521 108

BH







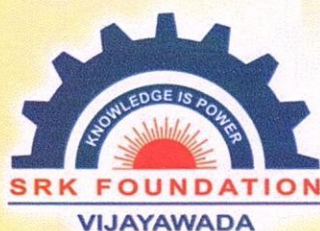


AN ADD ON PROGRAMME ON  
**“RESEARCH DESIGN,  
EXECUTION & PUBLICATION”**

from 24-11-18 to 23-2-19



*Organized By*



**VIJAYA INSTITUTE OF PHARMACEUTICAL  
SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA**



*Principal*  
PRINCIPAL

VIJAYA INSTITUTE  
PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU VIJAYAWADA 521 106

## **PROGRAMME OBJECTIVES :**

Research design is needed because it facilitates the smooth sailing of the various research operations, thereby making research as efficient as possible yielding maximal information with minimal expenditure of effort, time and money.

1. Critical steps for successful research.
2. Research and publication ethics.
3. Assessment of research findings in scientific journal

## **RESOURCE PERSON :**

**Dr. B. Ramu**, Professor

Department of Pharmaceutical Chemistry

Email: ramu\_swaran@yahoo.co.in, Ph. : 9246775597

Vijaya Institute of Pharmaceutical Sciences for Women

**Mr. V. Srinivas**, Associate Professor

Department of Science & Humanities

Email: vemuri.srinivas65@gmail.com, Ph. : 9182693079

Vijaya Institute of Pharmaceutical Sciences for Women

## **ORGANIZATION COMMITTEE**

**B. S. Sri Krishna**

Secretary, SRK Foundation, Vijayawada

**Mr. S. Venkateswara Rao**

Programme Co-Ordinator , VIPW, Vijayawada

**Dr. K. Padmalatha**

Convenor, Principal, VIPW, Vijayawada

## **STUDENT CO-ORDINATORS**

Ms. E. Sravani

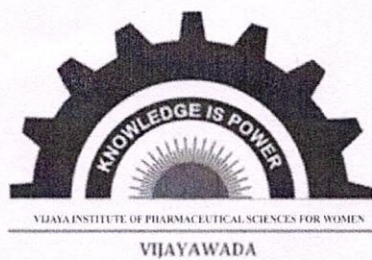
Ms. D. Sirisha



*The*  
PRINCIPAL

VIJAYA INSTITUTE

PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU VIJAYAWADA 521 196







**VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN**  
**Enikepadu, Vijayawada**

**Program Name: Research Design, Execution and  
Publication**

**Duration: 24<sup>th</sup> November 2018 to 23<sup>rd</sup> February 2019**

**A.Y: 2018 - 19**

**Curriculum Designed and Developed by:**

<b>S. No</b>	<b>Faculty Name</b>	<b>Designation</b>	<b>Signature</b>
1	Dr. B. Ramu Professor	Coordinator	
2	Dr. G. Prasanthi Professor	Member	
3	Dr. S. Sundar Assoc. Professor	Member	
4	Mr. V. Srinivas Assoc. Professor	Member	

<b>SESSION</b>	<b>TITLE</b>	<b>DURATION</b>
1	Objectives and types of Research Research approaches Fundamentals in the research process	3 hrs
2	Introduction, methods, results and discussion (IMRAD) structure Extensive Literature Review Developing the hypothesis	3 hrs
3	Preparing the research design Writing experimental protocols Determining sample design	3 hrs
4	Collecting the data Execution of project Analysis of data	3 hrs
5	Hypothesis testing Generalizations and interpretation Preparation of the report	3 hrs
6	Demo on Plagiarism Research and publication ethics Execution of research work done: Demo on Podium Presentation & Poster Presentation	3 hrs
7	Scientific communication An overview of paper structure and thesis writing Art of writing review article and research article	3 hrs
8	Citation and writing acknowledgement Language and style in publication Working with journals	3 hrs
9	Poster and oral presentations at conferences Importance of Biostatistics	3 hrs

	Statistical methods of results analysis	
10	Application of statistical software in the result analysis Recent trends in pharmaceutical research Commercialization of research work – IPRs and patents	3 hrs

*S. Venkatesh Rao*  
Coordinator



*[Signature]*  
Principal

VIJAYA INSTITUTE OF  
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ENIKEPADU, VIJAYAWADA  
PIN - 521 108



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, VIJAYAWADA – 521108

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Fax No: +91 866 2844999

Mail: vijayapharmacyfw@gmail.com

Permitted by Govt. of A.P; Approved by AICTE, New Delhi  
Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada  
**ISO 9001:2015 Certified Institution**

**Date: 27-02-2019**

## REPORT

**Name of the Program:** Research Design, Execution & Publication

**Duration:** 24-11-2018 to 23-02-2019

### **Resource Person Details:**

Dr. B. Ramu

Professor

Department of Pharmaceutical Chemistry

Vijaya Institute of Pharmaceutical

Sciences for Women

Email: ramu\_swaran@yahoo.co.in

Contact Number: 9246775597

Mr. V. Srinivas

Assoc. Professor

Department of Science & Humanities

Vijaya Institute of Pharmaceutical

Sciences for Women

Email: vemuri.srinivas65@gmail.com

Contact Number: 9182693079

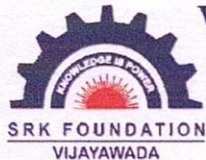
Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada organized a add-on program on **Research Design, Execution & Publication** for III year B. Pharmacy students by the faculty members **Dr. B. Ramu**, Professor, Department of Pharmaceutical Chemistry and **Mr. V. Srinivas**, Assoc. Professor, Department of Science & Humanities from 24<sup>th</sup> November 2018 to 23<sup>rd</sup> February 2019. Totally 90 students participated in this training program. All the students actively participated. Upon completion of the program students were able to understand the following objectives and learning outcomes.

### **Objectives:**

- To assist participants to develop a research or study protocol, and communicate those research findings in a conference setting or scientific journal.
- To know critical steps for successful research.
- To know research and publication ethics.

### **Learning outcomes:**

- Sequential steps in developing a study protocol, from choosing a research topic to developing research questions and a hypothesis.



## VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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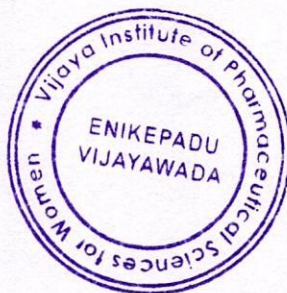
Mail: vijayapharmacyfw@gmail.com

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Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada  
**ISO 9001:2015 Certified Institution**

- Writing and understanding the components of a research paper (IMRaD).
- Statistical analysis in biomedical research.
- Evidence-based discussion in a research paper.

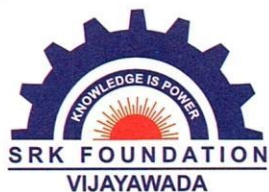
This program was very much informative to the students and their feedback was positive. Dr. K. Padmalatha, Principal of VIPW thanked the resource persons Dr. B. Ramu, Mr. V. Srinivas and participants for making the program successful.

*S. Venkatesh*  
**Coordinator**



*K. Padmalatha*  
**Principal**  
**PRINCIPAL**  
**VIJAYA INSTITUTE**  
**PHARMACEUTICAL SCIENCES FOR WOMEN**  
**ENIKEPADU, VIJAYAWADA 521 108**





# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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Pharmacy council of India. New Delhi & Affiliated to JNTU Kakinada

Enikepadu, VIJAYAWADA - 521 108.  
Telephone No. : +91 7416560999  
Fax No. : +91 866 2844999  
e-mail : vijayapharmacyfw@gmail.com

**Program Name: RESEARCH DESIGN, EXECUTION AND PUBLICATION**

**A.Y- 2018-19**


**Class: III B. PHARM**

**Schedule: 24.11.2018 to 23.02.2019**

## LIST OF STUDENTS


S. No	Reg.No	Name of the Student
1	167N1R0001	SHAIK SALMA
2	167N1R0002	EEGA SRAVANI
3	167N1R0003	SHAIK APSANA
4	167N1R0004	KARISHMA RAO
5	167N1R0005	SIDDINENI JOSHANAVI
6	167N1R0006	GEETHIKA PALLA
7	167N1R0008	BOINAPALLI YAMINI
8	167N1R0009	PAVANALAKSHMI BHAVYA
9	167N1R0010	NARAVULA NAGA LAKSHMI
10	167N1R0011	JONNALAGADDA NAGA SRI LAKSHMI
11	167N1R0012	POTTURI NAVYASRI
12	167N1R0013	TALLAM LALITHA
13	167N1R0014	CHAPALA RATNA HARIKA
14	167N1R0015	SHAIK NAZMA
15	167N1R0016	BOPPUDI BINDU SRI
16	167N1R0017	KOPANATHI VISWAJA
17	167N1R0018	KARRA KEERTHI
18	167N1R0019	MARIYAPPAN KOUSALYA
19	167N1R0020	MOHAMMAD SABIHA KOUSAR
20	167N1R0021	AKKEM V N S JAHNAVI
21	167N1R0022	UNGUTURU MOUNIKA SAROJINI
22	167N1R0023	RAMSETTY PHANI SAI VENNELA
23	167N1R0024	PYDIMUKKALA HIMAJA
24	167N1R0025	GORRE ASHA
25	167N1R0026	GANTA JYOTHIKA
26	167N1R0027	KONDEVETI LATHA SRI
27	167N1R0028	JANAKI CHUNDURU
28	167N1R0029	THOTA POOJA NEELIMA
29	167N1R0030	AKURATHI LAVANYA
30	167N1R0031	SHARON PANTHAGANI



  
PRINCIPAL  
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PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA  
PIN - 521 108

S. No	Reg.No	Name of the Student
31	167N1R0032	VADLAMUDI ANUSHA
32	167N1R0033	UPPUGANTI SONY
33	167N1R0034	GORIPARTHI BHAVYA SREE
34	167N1R0035	MOHAMMED SHIREEN
35	167N1R0036	SAVARA BHAGYA LAXMI
36	167N1R0037	GUVVALA SRI LAKSHMI
37	167N1R0038	VEMA NANDINI
38	167N1R0039	TELLAPALLI NAGA PRATHYUSHA
39	167N1R0040	SAREDDY ANANTHA LAKSHMI
40	167N1R0041	BANAVATHU SIREESHA
41	167N1R0042	KANCHARLA BHANU SRI CHANDANA
42	167N1R0043	PALAVAI PAVANI
43	167N1R0045	KAMABATTULA JAYASREE
44	167N1R0046	KODALI GEETHA SRI
45	167N1R0047	JAMPANA HARIKA
46	167N1R0048	TAGARAM TARUNI
47	167N1R0049	MOHAMMAD NAFEESABEGUM
48	167N1R0050	BOLLA YOGA PRIYANKA
49	167N1R0052	KURAPATI KATYAYANI
50	167N1R0053	KODAVALI PREETHI SOBHASRI
51	167N1R0054	CHIMATA Y LAKSHMI PRASANNA
52	167N1R0055	MANDHADA HEMA RANI
53	167N1R0056	MANDA JOY PRISE
54	167N1R0057	VEERAMACHINENI V BHAVANA
55	167N1R0058	DARA SIRISHA
56	167N1R0059	KUKKALA SIREESHA
57	167N1R0061	GUNJI LOKA SWARNA DEEPIKA
58	167N1R0062	HEMALATHA KARI
59	167N1R0063	SAREDDU TEJASWI KOMAL SAI




  
**PRINCIPAL**  
 VIJAYA INSTITUTE OF  
 PHARMACEUTICAL SCIENCES FOR WOMEN  
 ENIKEPADU, VIJAYAWADA  
 PIN - 521 108

Contd.... 3

S. No	Reg.No	Name of the Student
60	167N1R0064	CHANAMPUDI DIVYA
61	167N1R0065	SHAIK SHARMILA
62	167N1R0066	IKA PAVANI
63	167N1R0067	NAGA TEJASWI KASIREDDY
64	167N1R0068	PARASA GEETA SAI
65	167N1R0069	SHAIK SOFIYA BEGUM
66	167N1R0070	VALLURU KUSUMA
67	167N1R0071	APPISETTY SUPRIYA
68	167N1R0072	BHUKYA CHANDANA
69	167N1R0073	ABDUL SAFIYA NASEEMA
70	167N1R0074	SYKAM KYATHI SREE
71	167N1R0075	MADDI SUSHMA REDDY
72	167N1R0076	BORRA SANDHYA RANI
73	167N1R0077	MODUGUMUDI ANUSHA REKHA
74	167N1R0079	PATTIPATI SANTHI
75	167N1R0080	PANCHAMGAM LAKSHMI PRIYANKA
76	167N1R0082	KAREM MRUDULA
77	167N1R0083	CHELLU TANYA
78	167N1R0084	KOTTAPALLI BHANU KRISHNA SAHITHI
79	167N1R0085	MALLENANE BHAGYA LAKSHMI
80	167N1R0086	MAMILLAPALLI SNEHA LATHA
81	167N1R0088	MUNIPALLI SRAVANTHI
82	167N1R0089	BORRA LAKSHMI
83	167N1R0091	TAMMALALA TEJASWINI
84	167N1R0092	SUMERA BEGUM
85	167N1R0093	KANCHERLA V SRI SAI VEDA SAHITHI
86	167N1R0095	SINGAMSETTI NAGA SATYAVANI
87	167N1R0096	YEMMILA KRISHNA SUKANYA
88	167N1R0098	CHARUNYA VISHWANATH
89	167N1R0099	MODUGUPALLI MONIKA
90	167N1R00A0	GUNTUPALLI BHARGAVI



  
**PRINCIPAL**  
 VIJAYA INSTITUTE OF  
 PHARMACEUTICAL SCIENCES FOR WOMEN  
 ENIKEPADU, VIJAYAWADA  
 PIN - 521 108



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

ENIKEPADU, VIJAYAWADA - 521 108.

## Certificate of Completion

This is to certify that

Ms

*T. Lalitha*

has successfully completed add on programme on "**RESEARCH DESIGN, EXECUTION & PUBLICATION**" from 24-11-18 to 23-2-19. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada.

*12/2/19*  
Sri B. S. Sri Krishna  
Secretary  
SRK Foundation



*S. Venkateswara Rao*  
Mr. S. Venkateswara Rao  
Programme Co-Ordinator  
VIPW

*K. Padmalatha*  
PRINCIPAL  
VIJAYA INSTITUTE  
OF PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU VIJAYAWADA 521 108

*K. Padmalatha*  
Prof. K. Padmalatha  
Convenor  
Principal, VIPW



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN


ENIKEPADU, VIJAYAWADA - 521 108.

## Certificate of Completion

This is to certify that


Ms Ch. Janaki

has successfully completed add on programme on "**RESEARCH DESIGN, EXECUTION & PUBLICATION**" from 24-11-18 to 23-2-19. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada.

  
Sri B. S. Sri Krishna  
Secretary  
SRK Foundation



  
Mr. S. Venkateswara Rao  
Programme Co-Ordinator  
VIPW

  
PRINCIPAL  
Prof. K. Padmalatha  
Convenor  
Principal, VIPW  
VIJAYA INSTITUTE  
PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU VIJAYAWADA 521



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

ENIKEPADU, VIJAYAWADA - 521 108.

## Certificate of Completion

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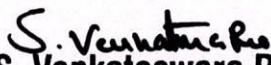
Ms

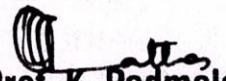
G. Asha

has successfully completed add on programme on **"RESEARCH DESIGN, EXECUTION & PUBLICATION"** from 24-11-18 to 23-2-19. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada.

  
Sri B. S. Sri Krishna  
Secretary  
SRK Foundation



  
Mr. S. Venkateswara Rao  
Programme Co-Ordinator  
VIPW

  
PRINCIPAL  
Prof. K. Padmalatha  
Convenor  
VIJAYA INSTITUTE  
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ENIKEPADU, VIJAYAWADA 521108  
Principal, VIPW



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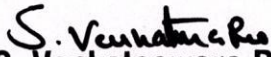
Ms


K. Keerthi

has successfully completed add on programme on **"RESEARCH DESIGN, EXECUTION & PUBLICATION"** from 24-11-18 to 23-2-19. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada.

  
Sri B. S. Sri Krishna  
Secretary  
SRK Foundation



  
Mr. S. Venkateswara Rao  
Programme Co-Ordinator  
VIPW

  
PRINCIPAL  
Prof. K. Padmalatha  
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Principal, VIPW  
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ENIKEPADU, VIJAYAWADA 521 108



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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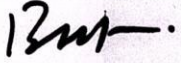
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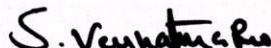
Ms


K. Viswaja

has successfully completed add on programme on "**RESEARCH DESIGN, EXECUTION & PUBLICATION**" from 24-11-18 to 23-2-19. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada.

  
Sri B. S. Sri Krishna  
Secretary  
SRK Foundation



  
Mr. S. Venkateswara Rao  
Programme Co-Ordinator  
VIPW

  
PRINCIPAL  
Prof. K. Padmalatha  
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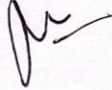
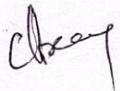

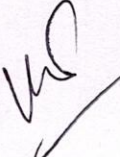


DATE: 20.11.2018

**CIRCULAR**

All the students of **IV Pharm D** are here by informed that, the add-on program on “**CLINICAL RESEARCH DESIGN AND STATISTICAL ANALYSIS**” which will commence from **24<sup>th</sup> November 2018 to 16<sup>th</sup> February 2019**. Hence, all the students are hereby informed to attend the classes without fail.



  
Principal  
VIJAYA INSTITUTE OF  
PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA  
PIN - 521 108

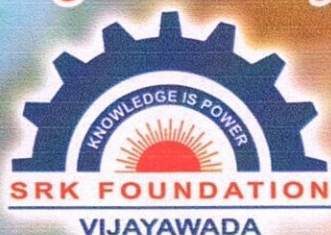
**AN ADD ON PROGRAMME ON  
“CLINICAL RESEARCH DESIGN  
AND STATISTICAL ANALYSIS”**

**from 24<sup>th</sup> November 2018**

**to**

**16<sup>th</sup> February 2019**

*Organized By*



**VIJAYA INSTITUTE OF PHARMACEUTICAL  
SCIENCES FOR WOMEN**

**ENIKEPADU, VIJAYAWADA**



**VIJAYA INSTITUTE  
PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA 521 198**

## **PROGRAMME OBJECTIVES :**

The program provides concepts and methods that relate to the purposes of clinical research, clinical epidemiology, clinical trials, program evaluation, and technology assessment. Students learn computer skills and concepts, including data file management, data organization, and use of statistical packages.

1. Introduction to the clinical research process.
2. Know safety monitoring and reporting in clinical trials.
3. Manage the trial coordination process.
4. Appreciate and conduct the clinical trials activities.

## **RESOURCE PERSON :**

**Mrs. D. Santhi krupa**, Asst. Professor  
Dept. of Pharmacology

Email: shanthikrupa@gmail.com, Ph. : 9247679315  
Vijaya Institute of Pharmaceutical Sciences for Women

**Mr. V. Srinivas**, Associate Professor  
Department of Science & Humanities

Email: vemuri.srinivas65@gmail.com, Ph. : 9182693079  
Vijaya Institute of Pharmaceutical Sciences for Women

## **ORGANIZATION COMMITTEE**

**B. S. Sri Krishna**

Secretary, SRK Foundation, Vijayawada

**Mr. S. Venkateswara Rao**

Programme Co-Ordinator , VIPW, Vijayawada

**Dr. K. Padmalatha**

Convenor, Principal, VIPW, Vijayawada

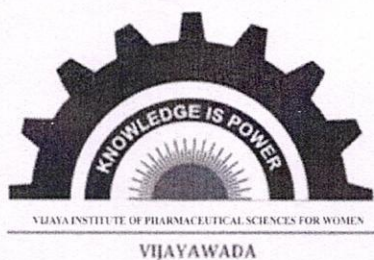
## **STUDENT CO-ORDINATORS**

Ms. B. Akhila Sri

Ms. E. Lavanya



**VIJAYA INSTITUTE**  
PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU VIJAYAWADA 521 108



**VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN**  
**Enikepadu, Vijayawada**

**Program Name: Clinical Research Design and  
Statistical Analysis**

**Duration: 24<sup>th</sup> November 2018 to 16<sup>th</sup> February 2019**

**A.Y: 2018 - 19**

**Curriculum Designed and Developed by:**

S. No	Faculty Name	Designation	Signature
1	Dr. B. Pragna Malavika Asst. Professor	Coordinator	
2	Dr. G. Manas Kumar Asst. Professor	Member	
3	Mr. V. Srinivas Assoc. Professor	Member	
4	Mrs. D. Santhi Krupa Asst. Professor	Member	

SESSION	TITLE	DURATION
<b>Clinical Research Design</b>		
1	Introduction to Clinical Research & Good Clinical Practice <ul style="list-style-type: none"> <li>• Overview ICH GCP</li> <li>• Good Clinical practice</li> </ul>	3hrs
2	<ul style="list-style-type: none"> <li>• Clinical Trails</li> <li>• Institutional Reviews board</li> <li>• Investigation Responsibilities in clinical trails</li> </ul>	3hrs
3	<ul style="list-style-type: none"> <li>• Roles and Responsibilities of Sponsor &amp; Clinical Trial Monitor</li> <li>• Informed Consent Process</li> <li>• Serious Adverse Event (SAE), Adverse event reporting</li> </ul>	3hrs
<b>Statistical Analysis</b>		
4	Introduction to Bio-Statistics Definition and Basic concepts Fundamentals of data collection, presentation Sampling procedures	3hrs
5	Descriptive statistics Measures of Central Tendency Mean Median and mode Measure of Dispersion: Range, Quartile deviation, standard deviation Coefficient of variance, standard Error	3hrs
6	Test of Significance Parametric Tests <ul style="list-style-type: none"> <li>• t- test (Single mean and Difference of means)</li> <li>• F-test</li> <li>• X<sup>2</sup>- test</li> <li>• Analysis of Variance</li> </ul>	3hrs
7	Non-parametric Tests <ul style="list-style-type: none"> <li>• Sign Test</li> <li>• Wilcoxon Sign Rank Test</li> </ul>	3hrs

	<ul style="list-style-type: none"> <li>• Wilcoxon Sign Rank Sum Test</li> <li>• Mann Whitney U Test</li> <li>• Kruskalwalli's test</li> </ul>	
8	Correlation and Regression	3hrs
9	Experimental Designs <ul style="list-style-type: none"> <li>• CRD (Completely Randomized Design)</li> <li>• RBD (Randomized Block Design)</li> <li>• LSD (Latin Square Design)</li> </ul>	3hrs
<b>PRACTICAL HOURS</b>		
10	Practical problems by SPSS	3hrs

*Sr. V. Venkatesh*  
Coordinator



*V. Venkatesh*  
Principal

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Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada  
**ISO 9001:2015 Certified Institution**

Enikepadu, VIJAYAWADA – 521108

Telephone No: +91 74165 60999

Fax No: +91 866 2844999

Mail: vijayapharmacyfw@gmail.com

**Date: 20-02-2019**

## REPORT

**Name of the Program:** Clinical Research Design and Statistical Analysis

**Duration:** 24<sup>th</sup> November 2018 to 16<sup>th</sup> February 2019

### **Resource Person Details:**

Mrs. D. Santhi krupa, M. Pharm  
Assistant Professor  
Department of Pharmacology  
Vijaya Institute of Pharmaceutical  
Sciences for Women  
Email: shanthikrupa@gmail.com  
Contact Number: 9247679315

Mr. V. Srinivas, M.Sc, MBA  
Associate Professor  
Department of Science & Humanities  
Vijaya Institute of Pharmaceutical  
Sciences for Women  
Email: vemuri.srinivas65@gmail.com  
Contact Number: 9182693079

Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada organized an add-on program on **Clinical Research Design and Statistical Analysis** for IV PharmD students by **Mrs. D. Santhi krupa**, Assistant Professor, Department of Pharmacology and **Mr. V. Srinivas**, Associate Professor, Department of Science & Humanities from 24<sup>th</sup> November 2018 to 16<sup>th</sup> February 2019. Most of the errors in clinical trials are a result of poor planning. The careful planning with clear foresight is crucial and thus fundamental clinical trial design issues and statistical analyses methods are discussed. Totally 30 students participated in this training program. All the students were active throughout the course and upon completion of the program they were able to understand the following objectives and learning outcomes.

### **Objectives**

- ❖ To provide a comprehensive introduction to the clinical research process.
- ❖ Learn the skills, knowledge and competencies of a candidate for the Clinical Research Associate and Statistical analyser jobs.
- ❖ Become more familiar with roles/jobs as part of the study team.
- ❖ Know safety monitoring and reporting in clinical trials.



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- ❖ Manage the trial coordination process.
- ❖ Appreciate and conduct the clinical trials activities.

### Learning outcomes

- ❖ Select and define appropriate research problem and parameters.
- ❖ Organize and conduct clinical trials in a more appropriate manner.
- ❖ Use basic analytical techniques to generate results.
- ❖ Interpret results of commonly used statistical analyses in written summaries.
- ❖ Demonstrate statistical reasoning skills correctly and contextually.

This program was very much informative to the students and their feedback was positive about the program. The management and Dr. K. Padmalatha, Principal of VIPW thanked **Mrs. D. Santhi krupa** and **Mr. V. Srinivas** for their enthusiasm and making the program more useful.

*S. Srinivas*  
Coordinator



*K. Padmalatha*  
Principal

**PRINCIPAL**  
**VIJAYA INSTITUTE**  
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e-mail : vijayapharmacyfw@gmail.com

**Program Name: CLINICAL RESEARCH DESIGN AND STATISTICAL ANALYSIS**

**A.Y - 2018-19**

**Class: IV PHARM D**

**Schedule: 24.11.2018 to 16.02.2019**

## LIST OF STUDENTS

S. No	Reg.No	Name of the Student
1	157N1T0002	BANDI AKHILA SRI
2	157N1T0003	JAMALAPURAPU SRI LAKSHMI PRIYANKA
3	157N1T0004	VEMPARALA LAKSHMI CHAITRA
4	157N1T0005	ACHARI KANDUKURI SRI VASAVI
5	157N1T0006	CHALLAGUNDLA SUKANYA
6	157N1T0007	BELLAMKONDA HARSSHENE
7	157N1T0008	KARNENI HEMA
8	157N1T0009	KOMATI MADHURI
9	157N1T0010	MADALA MOUNISHA
10	157N1T0011	PAREPALLI JHANSI
11	157N1T0012	APPIKONDA RAMYA SRAVANTHI
12	157N1T0013	YERUBANDI SRI NAGA SAI SURYA AKHILA
13	157N1T0014	GOTTAAPU BHARGAVI
14	157N1T0015	SHAIK HAFEEZUNNISA
15	157N1T0016	SHAIK JAREENA
16	157N1T0017	SHAIK TANISHA BIBI
17	157N1T0018	SRI RAMA SAHITYA
18	157N1T0019	MALINA NAGA VENKATA PHANI MOUNIKA
19	157N1T0020	TELLAKULA INDRAJA SAI MANI
20	157N1T0021	TANNIRU TEJASWI PRIYANKA
21	157N1T0022	ELI LAVANYA
22	157N1T0023	KANCHARLA LAVANYA REKHA
23	157N1T0024	MYLIPILLI SANDHYA
24	157N1T0025	MANNEPALLI RAJA KUMARI
25	157N1T0026	MAKKAPATI SIVAKSHARI
26	157N1T0027	PALADUGU VISHNU PRIYA
27	157N1T0028	H.N.S.GAYATHRI
28	157N1T0029	CHINTAPALLI SAI
29	187N1T0101	POTLURI LAKSHMI MEGHANA
30	187N1T0102	VADLAPATLA MOHANAMUDHITHA



  
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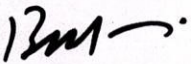
## Certificate of Completion

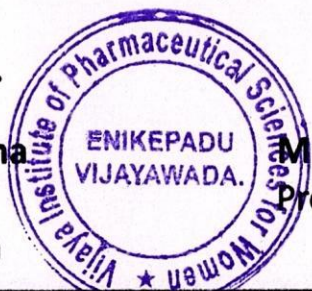
This is to certify that


Ms

E. Lavanya

has successfully completed add on programme on "CLINICAL RESEARCH DESIGN AND STATISTICAL ANALYSIS" from 24-11-18 to 16-02-19. Organised by VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada.

  
Sri B. S. Sri Krishna  
Secretary  
SRK Foundation



  
Mr. S. Venkateswara Rao  
Programme Co-Ordinator  
VIPW

  
PRINCIPAL  
Prof. K. Padmalatha  
Convenor  
Principal, VIPW



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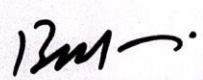
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