



Tel: 0866-2479775

Kommareddy Venkata Sadasiva Rao
Siddhartha College of Pharmaceutical Sciences

Siddhartha Nagar, Vijayawada - 520010, AP, INDIA
(Sponsors : Siddhartha Academy of General & Technical Education)
ISO 9001:2015, ISO14001:2015 & ISO50001:2011 CERTIFIED INSTITUTION
Affiliated to Krishna University, Machilipatnam
Approved by AICTE, PCI, New Delhi and Govt. of Andhra Pradesh

E-mail : kvsrsiddharthapharma@gmail.com

Web: www.kvsrsiddharthapharma.edu.in

LIST OF CERTIFICATE/ ADD-ON PROGRAMS

A.Y 2019-20

S.No	Name of Certificate / Add-on programs offered	Course Code	Dates
1	Certificate Program on "Statistical Analysis System"	19-20/PHP - SAS	02-03-2020 to 18-03-2020
2	Skill Development Program on "Insilico Methods for Drug Design and Discovery -III"	19-20/PCH - DDD	03-02-2020 to 17-02-2020
3	Skill Oriented program on "Evaluation of Herbal Formulations"	19-20/PCG - EHF	20-01-2020 to 20-02-2020
4	Skill Development Program on "Recent Advances in the Development of NDDS"	19-20/PBT - RDN	18-12-2019 to 31-12-2019
5	Skill Development Program on "Introduction to Statistical Analysis"	19-20/PCL - ISA	14-10-2019 to 31-10-2019
6	Skill Development Program on "Training on Sophisticated Analytical Instruments"	19-20/PHA - TSA	23-09-2019 to 26-10-2019

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2019-20

① PHP-SAS

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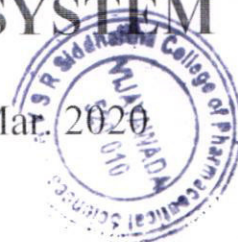
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ANDHRA PRADESH, INDIA-520010



REPORT
CERTIFICATE PROGRAM
On

STATISTICAL ANALYSIS SYSTEM

DATES: 2nd Mar. 2020 to 18th Mar. 2020



ORGANIZED BY: DEPARTMENT OF PHARMACY PRACTICE

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PROGRAM REPORT

Name of the event: Certificate programme on “Statistical Analysis System”

Dates: 02-03-2020 to 18-03-2020

Resource persons:

Mr. Mallikarjun somepalli
M-pharm
Senior Statistical programmer
Contact number: 9640099395
email: mallikarjunsomepalli@gmail.com

Name of the coordinator: Dr. Vijaya Kumar. G
HOD of Department of pharmacy practice

Organizing Secretary: M. Mahima Swaroopa

Number of students attended: 85

Venue: KVSr SCOPS Seminar Hall (A/C)

Objective of the program:

- To retrieve, report and analyze statistical data.
- To create and organize SAS databases by developing programs
- Get individual critical SAS tool education

Program Schedule:

Module 1
Category
A) Data step options and statements
B) Conditional statements
C) Logical variables
D) Set/Merge
E) Functions
F) Proc Format
G) Proc Transpose
H) Proc Sort
I) Arrays
J) Proc Frequency
K) Proc Means
L) Proc Report
Category
A) Basics
B) Operations



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C) Joins	
D) Functions	
E) Count	
Module2	
Category	
Macros	
Module 3	
Category	
Introduction to CDISC	
A) SDTM interventions and events	
SDTM Findings	
TDD'S – understanding of study related documents	
B) ADAM	
Subject level analysis dataset	
Occurrence data set	
BDS	
Documents for creating ADAM'S	
C) Tables, linking, Graphs/figures	
D) Real time projects	

Outcomes of the program:

Upon completion of this program students will have knowledge of

- ✓ Statistical theory and techniques to analyze and model different real life data sets
- ✓ Design and code a SAS program to solve data problems.
- ✓ Update SAS existing data sets.
- ✓ Distinguish permanent and temporary SAS data sets.
- ✓ Generate reports using SAS procedures PRINT, SORT.
- ✓ Use SAS procedures MEANS, IMPORT, FREQ & TABULATE to produce reports of descriptive statistics from SAS data sets.
- ✓ Print contents of SAS libraries and data sets


Dr. G. Vijay Kumar
CO-ORDINATOR




Dr. G. Devala Rao
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Certificate programme on "STATISTICAL ANALYSIS SYSTEM"

Date: 2nd March 2020 to 18th March 2020

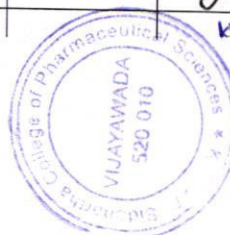
Batch: Y16PHARMD
Y15 PHARMD
Y14 PHARMD

Duration: 30hrs

NUMBER OF REGISTERED STUDENTS

S.N O	ROLL NO.	NAME OF THE STUDENT	YEAR	Signature
1.	Y16PHD140001	AKULA VIJAYA DURGA		Vijaya Durga
2.	Y16PHD140002	ATNURI DEEKSHIT		Deekshita
3.	Y16PHD140003	BALA YASWANTH KUMAR SUNNAPU		B. Y. Sunnapu
4.	Y16PHD140004	BANTUPALLI SURANJAN		Suranja
5.	Y16PHD140005	BATTU DEEPTHI NIHARIKA		B. P. Niharika
6.	Y16PHD140006	CHIRUMAMILLA HARICHANDANA		Harichandana
7.	Y16PHD140007	DEVIREDDY SAMYUKTHA REDDY		Samyuktha
8.	Y16PHD140008	DONDAPATI RAJ KUMAR		Raj Kumar
9.	Y16PHD140009	GUNTUR S N SUSRITHA		S. N. Susritha
10.	Y16PHD140010	GUTHA BALA TEJA		Bala Teja
11.	Y16PHD140011	J RISHMA SAI ANJANI PRANEETHA		Rishma
12.	Y16PHD140012	KAKUMANU BALA VINOD		Bala Vinod
13.	Y16PHD140013	KALAKOTI SRIJA		Srija
14.	Y16PHD140014	KASARANENI HIMA SRI		Hima Sri
15.	Y16PHD140015	LELLA SHARMILA		Sharmila
16.	Y16PHD140016	MANTHRI SAI SINDHURA		Sindhura
17.	Y16PHD140017	MEDAVARAPU ESWARI VIDYA LAKSHMI		Eswari Vidya
18.	Y16PHD140018	MOTUPALLI SANKEERTH KUMAR		Sankeetha
19.	Y16PHD140019	MOVVA SAI DURGA SUSHMA		Sushma
20.	Y16PHD140020	MUNDURI SRIVIDYA		Srividya
21.	Y16PHD140021	PODILI BHARGHAVI		Bhargavi
22.	Y16PHD140022	POLIMETLA HARI PRIYA		Hari Priya
23.	Y16PHD140023	PONNALURI LALITHA		Lalitha
24.	Y16PHD140024	RAAVI HEMANTH		Hemanth
25.	Y16PHD140025	RACHANA PALETI		Rachana
26.	Y16PHD140026	REDRAVUTHU KAVYA		Kavya
27.	Y16PHD140027	REDRAVUTHU SAI TEJ		Sai Tej
28.	Y16PHD140029	SHAIK SHAISTA FARZANA ANJUM		Shaista Farzana Anjum
29.	Y16PHD140030	V N S L KEERTHANA ALA		Keerthana

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Certificate programme on "STATISTICAL ANALYSIS SYSTEM"

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Y14 PHARMD

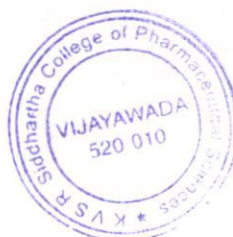
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30.	Y15PHD140001	Lavu Vamsi Krishna		Vamsi Krishna
31.	Y15PHD140002	Bandarupalli Ramya		Ramya
32.	Y15PHD140003	Bolla Revathi		Revathi
33.	Y15PHD140005	Gajjala Dhamini Reddy		Dhamini Reddy
34.	Y15PHD140006	Gajula Pavan Sai		Pavan Sai
35.	Y15PHD140007	Ginni Naga Pushpa Latha		Ginni Naga Pushpa Latha
36.	Y15PHD140008	Gollapudi Yamini		Yamini
37.	Y15PHD140009	Jaldi Hemanth		Hemanth
38.	Y15PHD140010	Kambham Sri Lekhya Chowdary		Lekhya
39.	Y15PHD140011	Kanamarlapudi Keerthi		Keerthi
40.	Y15PHD140012	Kasaraneni Bhavana		Bhavana
41.	Y15PHD140013	Kodali Tanvija Sai		Tanvija Sai
42.	Y15PHD140014	Kondru Naga Akhila Bhuvaneswari		Naga Akhila Bhuvaneswari
43.	Y15PHD140015	Koppula Sirisha		Sirisha
44.	Y15PHD140016	Madala Bhavitha		Bhavitha
45.	Y15PHD140017	Madala Chandana		Chandana
46.	Y15PHD140018	Manoranjitha Pulivarthi		Manoranjitha
47.	Y15PHD140019	Mathangi Silvy		Silvy
48.	Y15PHD140020	Melike Sravani		Sravani
49.	Y15PHD140021	Muthoju Mounica		Mounica
50.	Y15PHD140022	Naga Prajwala Tata		Prajwala
51.	Y15PHD140023	Paladugu Lahari		Lahari
52.	Y15PHD140024	Pasupuleti Jairam Naidu		Jairam
53.	Y15PHD140025	Rajagiri Triveni		Triveni
54.	Y15PHD140026	Siginam Dharani.Siva Priya		Siva Priya
55.	Y15PHD140027	Toleti Venkata Naga Vyshnavi Tejaswi		Tejaswi
56.	Y15PHD140028	Uppalapati Himabindu		Himabindu
57.	Y15PHD140029	Uppalapati Sireesha		Sireesha

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Date: 2nd March 2020 to 18th March 2020

**Batch: Y16PHARM
Y15 PHARM
Y14 PHARM**

Duration: 30hrs

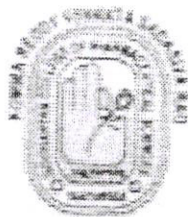
NUMBER OF REGISTERED STUDENTS

S.NO	Roll No.	Name of the student		
58	Y14PHD140001	JIRRA INDRAJA		J. Indrajani
59	Y14PHD140002	KANCHARLA CHANDANA SRI		Chandana
60	Y14PHD140003	MARADANI BRAHMI		Brahmi
61	Y14PHD140004	SINGAM MALLIKARJUNA REDDY		S.M. Reddy
62	Y14PHD140005	TADIKAMALLA GEETHIKA		Geethika
63	Y14PHD140006	ADDEPALLI PUJITHA		A. Pujitha
64	Y14PHD140007	ALAM MOUNIKA		A. Mounika
65	Y14PHD140008	ARANGI DIVYA		Divya
66	Y14PHD140009	BANDI YAMINI MANJUSHA		Manjusha
67	Y14PHD140010	BANTUPALLI SRAVANI JAYALAKSHMI		Sravani
68	Y14PHD140011	BENDU DILEEP NAIDU		Dileep
69	Y14PHD140012	BOLLA BHAVANI		BHAVANI
70	Y14PHD140013	GEDA DOLI SOWMYA		Sowmya
71	Y14PHD140014	KANCHERLA HINDOLA		Hindola
72	Y14PHD140015	KAVURI PAVANI JYOTHI		Jyothi
73	Y14PHD140016	KILARU VINEETHA		Vineetha
74	Y14PHD140017	KOLLI HANEESHA		K. Haneesha
75	Y14PHD140018	KOMATLA SANDHYA		Sandhya
76	Y14PHD140021	MYNEEDU RAMYA SREE		Ramyasree
77	Y14PHD140022	NIMMAGADDA SREE LAKSHMI		Sreelakshmi
78	Y14PHD140023	NUTAKKI SIDDHARTHA		N. Siddhartha
79	Y14PHD140024	PALADUGU NIKHILA		Nikhil
80	Y14PHD140025	RAYITI RAMA KRISHNA		Rama Krishna
81	Y14PHD140026	REDDY PRAVEEN		R. Praveen
82	Y14PHD140027	SHAIK LAL SAHEB		Lal Saheb
83	Y14PHD140028	SHAIK SAIRINNISHA		Sairinnisha
84	Y14PHD140029	VAISHNAVI KALEPALLI		Vaishnavi
85	Y14PHD140030	VEERAMACHANENI SAHANA		V. Sahana

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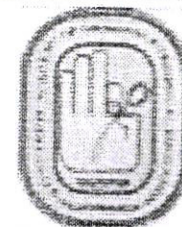
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Ch. Manohar

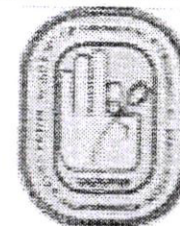
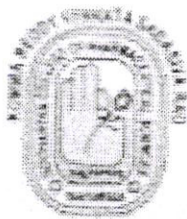
_____ has participated in a
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CO ORDINATOR
DR. G. VIJAY KUMAR



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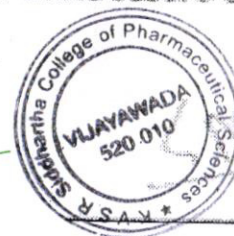
J. Hemanth

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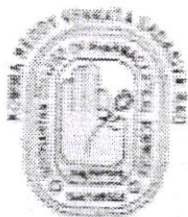
CO ORDINATOR
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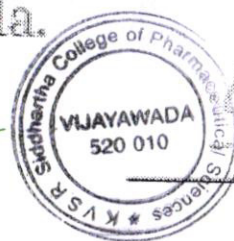
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G. Yamini

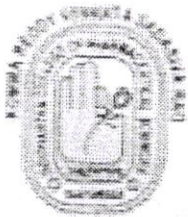
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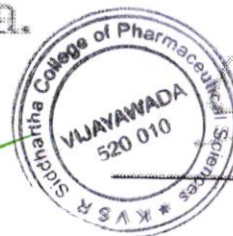


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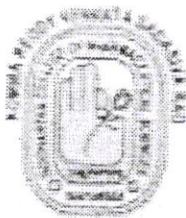
----- *Rajagiri Thirveni* ----- has participated in a
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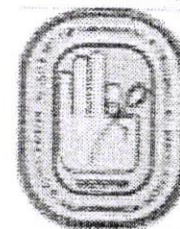
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G. Pushpa Latha

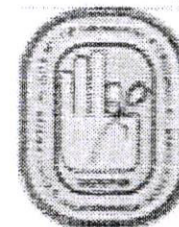
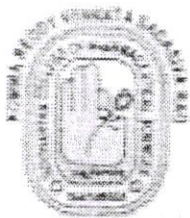
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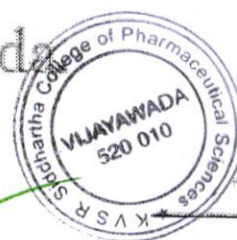
G. Pavan Sai

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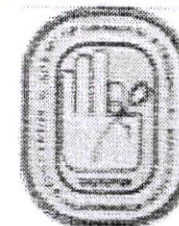
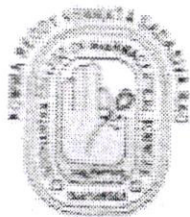
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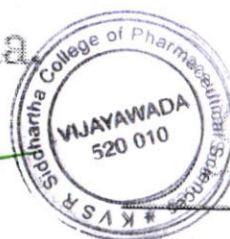
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CERTIFICATE OF PARTICIPATION

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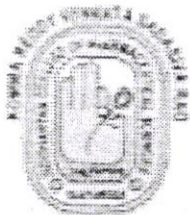
----- Gr. Dhamini Reddy ----- has participated in a
certificate program on "STATISTICAL ANALYSIS SYSTEM" from
02-03-2020 to 18-03-2020 organized by the Department of Pharmacy
Practice, KVSR Siddhartha College of Pharmaceutical Sciences,
Vijayawada.

CO ORDINATOR
DR. G. VIJAY KUMAR



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PHARMACEUTICAL SCIENCES
VIJAYAWADA-520 010

PRINCIPAL
DR. G. DEVALA RAO



KOMMAREDDY VENKATA SADASTIVA RAO

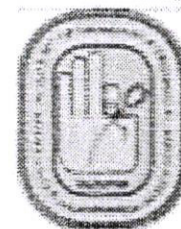
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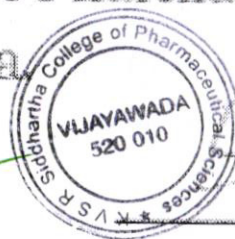
CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Miss

B. Revathi

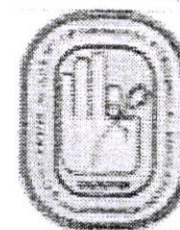
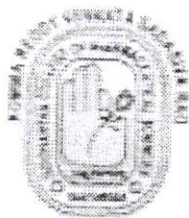
has participated in a
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DR. G. VIJAY KUMAR



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PRINCIPAL
DR. G. DEVALA RAO



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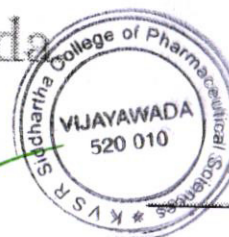
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CERTIFICATE OF PARTICIPATION

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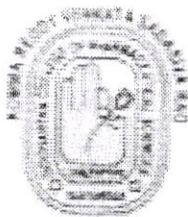
----- *B. Ranya* ----- has participated in a
certificate program on "STATISTICAL ANALYSIS SYSTEM" from
02-03-2020 to 18-03-2020 organized by the Department of Pharmacy
Practice, KVSR Siddhartha College of Pharmaceutical Sciences,
Vijayawada

CO ORDINATOR
DR. G. VIJAY KUMAR



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PRINCIPAL
DR. G. DEVALA RAO



KOMMAREDDY VENKATA SADASIVA RAO

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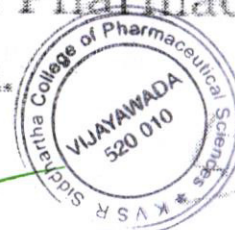
CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Miss

----- L. Vamsi Krishna ----- has participated in a
certificate program on "STATISTICAL ANALYSIS SYSTEM" from
02-03-2020 to 18-03-2020 organized by the Department of Pharmacy
Practice, KVSR Siddhartha College of Pharmaceutical Sciences,
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PRINCIPAL
DR. G. DEVALA RAO



Tel: 0866-2479775

**Kommareddy Venkata Sadasiva Rao
Siddhartha College of Pharmaceutical Sciences**

Siddhartha Nagar, Vijayawada - 520010, AP, INDIA
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E-mail : kvsrsiddharthapharma@gmail.com

Web: www.kvsrsiddharthapharma.edu.in

CERTIFICATE PROGRAMME ON “STATISTICAL ANALYSIS SYSTEM”

(19-20/PHP-SAS)

SYLLABUS

Objectives:

- To retrieve, report and analyze statistical data.
- To create and organize SAS databases by developing programs
- Get individual critical SAS tool education

Module 1: 6 hrs

- A) Data step options and statements
- B) Conditional statements
- C) Logical variables
- D) Set/Merge
- E) Functions

Module 2: 6 hrs

- A) Proc Format
- B) Proc Transpose
- C) Proc Sort
- D) Arrays

Module 3: 6hrs

- A) Proc Frequency
- B) Proc Means
- C) Proc Report

Module 4: 6hrs

- A) Basics
- B) Operations
- C) Joins
- D) Functions
- E) Count
- F) Macros



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Module 5:

Introduction to CDISC

- A) SDTM interventions and events
SDTM Findings
TDD'S – understanding of study related documents
- B) ADAM
Subject level analysis dataset
Occurrence data set
BDS
Documents for creating ADAM'S
- C) Tables, linking, Graphs/figures
- D) Real time projects



Program Co-ordinator

Professor & HOD
Department of Pharmacy Practice
KVSR Siddhartha College of
Pharmaceutical Sciences
VIJAYAWADA-520 010



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KVSR SIDDHARTHA COLLEGE OF
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E-mail : kvrsiddharthapharma@gmail.com

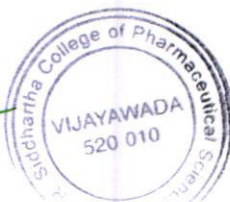
Web: www.kvrsiddharthapharma.edu.in

DETAILS OF THE PROGRAM

Type of the program	Certificate program
Academic Year	2019-20
Name of the Program with Course ID:	STATISTICAL ANALYSIS SYSTEM (19-20/PHP-SAS)
Duration :	30 Hrs
Additional Resources:	Supplemental materials / activities.
Method of Training:	Offline
Outline/Syllabus:	Enclosed individual curriculum for each program
Assessment Procedure	Students with 80% attendance, multiple choice questions, multiple attempts
Certificate:	Hard copy of the certificate certified by the program coordinator and Head of the institution

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VIJAYAWADA-520 010



[Handwritten signature]

PROGRAM COORDINATOR

PROFESSOR & HOD
Department of Pharmacy Practice
K.V.S.R. Siddhartha College of
Pharmaceutical Sciences
VIJAYAWADA-520 010

KVSR SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

POLYCLINIC ROAD, SIDDHARTHA NAGAR, VIJAYAWADA,
ANDHRA PRADESH, INDIA-520010



REPORT SKILL DEVELOPMENT PROGRAM On

INSILICO METHODS FOR DRUG DESIGN AND DISCOVERY -III

DATES: 3rd Feb.2020 to 17th Feb. 2020

ORGANIZED BY: DEPARTMENT OF PHARMACEUTICAL CHEMISTRY



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VIJAYAWADA-520 010

PROGRAM REPORT

Date : 19.02.2020

Name of the Event: A Two Week Certificate Programme on **Insilico Methods On Drug Design And Discovery-III**

Dates: 03 .02.2020 to 17.02.2020.

Resource Person(s):

1. T.Sarala Devi ,

Assistant professor , KVSr SCOPS

Contact number: 9849483034

E-mail: saralaratnakar@yahoo.com

2.K.Chenchu Lakshmi .

Assistant professor, KVSr SCOPS

Contact number: 7386597870

E-mail: chenchu42@gmail.com

Number of students attended: 59

Number of students completed : 55

Venue: Seminar hall , class room No : 401

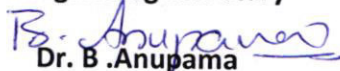
Objectives of the Program:

- ChemDraw is a chemistry software which help us in many chemical structures.
- Easy conversion of PDB to PDBQT format.
- It is used to perform rigid as well as flexible docking.
- Easy analysis of virtual screening results.

Outcomes of the Programme:

- The In-silico drug design is cost effective in research and development of drugs.
- Can Help In Identifying Drug Targets Via Bioinformatics Tools.

Organizing secretary


Dr. B .Anupama

HOD, Department of Pharmaceutical chemistry

Coordinator



Dr.G.Devala rao

Principal

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SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -III

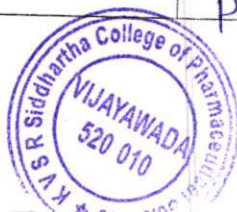
Dates: 3rd feb 2020 to 17th feb 2020

Batch: **Y19PHARM D**

Duration: **32 hrs**

NUMBER OF REGISTERED STUDENTS

S.NO	NAME OF THE STUDENT	COURSE	SIGNATURE
1	GUDIVADA HARSHINI	PHARM.D	Gr. Harshini
2	AKULA JYOTHEIRMAI	Pharm.D	A. Jyothirmai
3	BADIGINTI GEETHIKA	Pharm.D	B. Geethika
4	BALIREDDY SAI SUTEJ	Pharm.D	Sai
5	CHAGANTIPATI CHANDU MAHESH	Pharm.D	Ch. Chandu Mahesh
6	CHEEKATI SATHWIKA	PHARM.D	SATHWIKA
7	CHERUVU JAHNAVI SRI SHANMUKHI	Pharm.D	Ch. Jahnavi Sri
8	CHILAMKURI NAVYA TEJA	—	—
9	FATHIMA SHAIK SHAMSHUDDIN KHAJA	Pharm.D	KhaJa
10	GUNTHAPALLI VAMSI	Pharm.D	G. Vamsi
11	JAFAR SADIQ SHAIK	Pharm.D	S. Jafar
12	JASWANTH KUMAR KANCHU	Pharm.D	K. Jaswanth Kumar
13	JORIGE SAILAJA	—	—
14	KALAGA BANDHAVI DATTA	PHARM.D	K. Bandhavi Datta
15	KARUMURU SEETHA REDDY	PHARM.D	K. Seetha Reddy
16	KODALI RAVI TEJA	Pharm.D	Ravi Teja
17	KOMATI DEVI SAI KRISHNA	Pharm.D	K. Sai Krishna



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SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -III

Dates: 3rd feb 2020 to 17th feb 2020

Batch: **Y19PHARM D**

Duration: **32 hrs**

NUMBER OF REGISTERED STUDENTS

18	KOMMI VAMSI KRISHNA	Pharm.D	K. Vamsi
19	KUKKAPALLI SRAVYA	Pharm.D	K. Sravya
20	MOUNIKA MANDADI	Pharm.D	M
21	NATHALA DURGA PRAVEEN	PHARM.D	N. Durga Praveen
22	POKALA GAYATHRI NAGA SRAVANTHI	Pharm.D	P. Gayathri
23	RAMAVATHU SIVA NAIK	Pharm.D	Siva Naik
24	ROOP SAI TEJA KARNA	Pharm.D	Sai Teja karna
25	SAI PALLAVI TATA	Pharm.D	Sai pallavi
26	SIGIREDDY BHARGAV	Pharm.D	S. Bhargav
27	TUNGA BONI KAPOOR	Pharm.D	Boni Kapoor
28	VEMAREDDY GIRIDHAR RAJU	Pharm.D	V. Giridhar
29	YERRIBOINA SAI PRAVEENA	Pharm.D	Praveena
30	ZENITH DASARI	Pharm.D	Zenith



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SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -III

Dates: 3rd feb 2020 to 17th feb 2020

Batch: **Y18PHARM D**

Duration: **32 hrs**

NUMBER OF REGISTERED STUDENTS

S.NO	NAME OF THE STUDENT	COURSE	SIGNATURE
1	SHAIK ABDULLA	Pharm.D	S. Abdulla
2	ATTILI NAGALAKSHMI	Pharm.D	Nagalakeshmi
3	BHUKYA SOONA BAI	Pharm.D	B. Soona Bai
4	DONKA SAI PRAKASH	Pharm.D	Sai Prakash.D
5	ELURU BHARGAVI	Pharm.D	Bhargavi
6	GARRE HIMA ESWARI	Pharm.D	G. Hima Eswari
7	GORREMUTCHU YASASWINI RAJ	Pharm.D	G. Yasaswini Raj
8	GUDIMETLA SAI VASANTHI	Pharm.D	G. Sai Vasanthi
9	GULLAPALLI REVANTH	Pharm.D	Revanth
10	KASARANENI YASWANTH	Pharm.D	K. Yaswanth
11	KOLLI LEENAJA	Pharm.D	K. Leenaja
12	MAJJI SAMPATH PAVAN	Pharm.D	M. Sampath Pavan
13	MANGAMURI SUSHMASRI	Pharm.D	Sushmasri
14	MANTHRI SANDHYA BHAVANI	Pharm.D	M. R. Bhavani



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Dates: 3rd feb 2020 to 17th feb 2020

Batch: **Y18PHARM D**

Duration: **32 hrs**

NUMBER OF REGISTERED STUDENTS

15	RISHITHA KATIKALA	Pharm.D	Katikala
16	SHAIK AASHRUFUNNISSA	Pharm.D	S. Ashrafunnissa
17	SIMHADRI AMANI	Pharm.D	S. amani
18	SINGAMPALLI CHAKRAVARTHI	Pharm.D	Shakravarthi
19	SOMISETTY NIRUPA VARSHA	PHARM.D	S. Nirupa Varsha
20	SUHRUTT DUGGIRALA	Pharm.D.	D. Suhrutt
21	TEJASWI MEKALA	Pharm.D	Tejaswi
22	VANUKURI MADHUPRIYA REDDY	Pharm.D	Madhupriya reddy
23	VARDHINENI BHARGAVI	Pharm.D	V. Bhargavi
24	VEGANTI SAI HARSHA	Pharm.D	Sai Harsha




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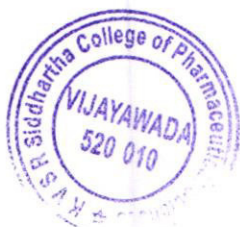
Dates: 3rd feb 2020 to 17th feb 2020

Batch: L19PHARM D (PB)

Duration: 32 hrs

NUMBER OF REGISTERED STUDENTS

S.No.	Name of the Student	COURSE	SIGNATURE
1.	MALLAVARAPU PRAVEEN KUMAR	Pharm.D	Kumar
2.	SAKA PRIYANKA	Pharm.D	Priyanka
3.	SARVA NAGA SAI SRUTHI	Pharm.D	Sai Sruthi
4.	TIRUMALASETTY LILLY PUSHPA	Pharm.D	Pushpa




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SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -III

Dates: 3rd feb 2020 to 17th feb 2020

Batch: L18PHARM D (PB)

Duration: 32 hrs

NUMBER OF REGISTERED STUDENTS

S.No.	Name of the Student	COURSE	SIGNATURE
1.	K SRAVANI	Pharm.D	<i>Sravani</i>
2.	NUNNA MANI JYOTHI	pharm.D	<i>af</i>
3.	SOMISETTY JAHNAVI	Pharm.D	<i>Jahnavi</i>



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B. Anupama

Organizing Secretary

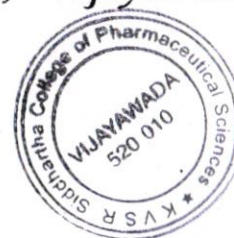
Dr.B.Anupama

Dept. of Pharmaceutical Chemistry

[Signature]

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Chief Co-ordinator

Dr.G.Devala Rao

Principal & Professor



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Organizing Secretary

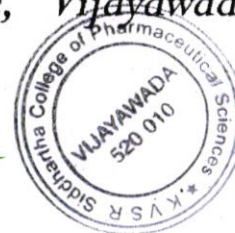
Dr.B.Anupama

Dept. of Pharmaceutical Chemistry

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Cheif Co-ordinator

Dr.G.Devala Rao

Principal & Professor



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Organizing Secretary

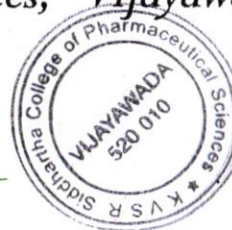
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This is to certify that,K. SRAVANI..... of.....PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - III" from 03rd February, 2020 to 17th February, 2020 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.

B. Anupama

Organizing Secretary

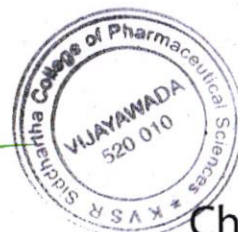
Dr.B.Anupama

Dept. of Pharmaceutical Chemistry

[Signature]

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K.V.S.R. SIDDHARTHA COLLEGE OF
PHARMACEUTICAL SCIENCES
VIJAYAWADA-520 010



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Chief Co-ordinator

Dr.G.Devala Rao

Principal & Professor



KOMMAREDDY VENKATA SADASIVA RAO
SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

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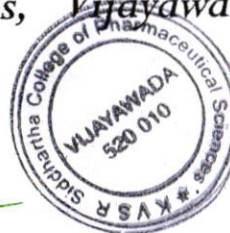
This is to certify that, ...SAKA PRIYANKA..... of.....PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - III" from 03rd February, 2020 to 17th February, 2020 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.

B. Anupama

Organizing Secretary

Dr.B.Anupama

Dept. of Pharmaceutical Chemistry



[Signature]
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PHARMACEUTICAL SCIENCES
VIJAYAWADA-520 010

[Signature]

Chief Co-ordinator
Dr.G.Devala Rao
Principal & Professor



KOMMAREDDY VENKATA SADASIVA RAO
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This is to certify that,ELURU BHARGAVI..... of.....PHARM.D..... has

participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - III" from 03rd February, 2020 to 17th February, 2020 organized by Department of Pharmaceutical Chemistry, KVSRR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.

B. Anupama

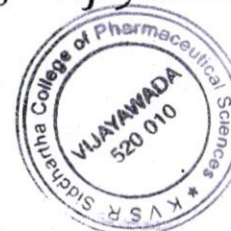
Organizing Secretary

Dr.B.Anupama

Dept. of Pharmaceutical Chemistry

[Signature]

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PHARMACEUTICAL SCIENCES
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[Signature]

Chief Co-ordinator

Dr.G.Devala Rao

Principal & Professor



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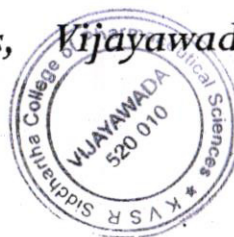
This is to certify that,SHAIK ABDULLA..... of.....PHARM-D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - III" from 03rd February, 2020 to 17th February, 2020 organized by Department of Pharmaceutical Chemistry, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.

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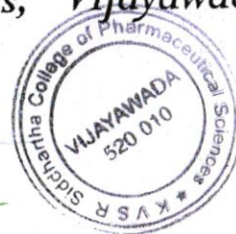
This is to certify that,CHEEKATI...SATHWIKHA..... of.....PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - III" from 03rd February, 2020 to 17th February, 2020 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.

B. Anupama

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Dr.B.Anupama

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This is to certify that, CHERUVU JAHNAVI SRI SHANMUKHI of.....PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - III" from 03rd February, 2020 to 17th February, 2020 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.

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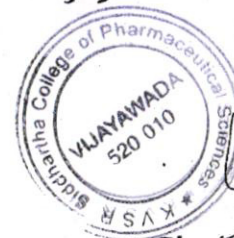
Dr.B.Anupama

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This is to certify that, BHUKYA.....SOONA.....BAL..... of PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - III" from 03rd February, 2020 to 17th February, 2020 organized by Department of Pharmaceutical Chemistry, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.

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Dr.B.Anupama

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Tel: 0866-2479775

Kommareddy Venkata Sadasiva Rao
Siddhartha College of Pharmaceutical Sciences

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**SKILL DEVELOPMENT PROGRAM ON "INSILICO METHODS ON DRUG
DESIGN & DISCOVERY -III"**

(19-20/PCH-DDD)

SYLLABUS

Objectives:

- Chem Draw is a chemistry software which help us to draw many chemical structures.
- Easy conversion of PDB to PDBQT format.
- It is used to perform rigid as well as flexible docking.
- Easy analysis of virtual screening results.

Module 1: Chem Draw

10h

- a) To draw different types of structural representations of organic molecules.
- b) To generate spectra, construct & correct IUPAC names.
- c) To calculate reaction stoichiometry.

Module 2: PDB to PDBQT FORMAT

12h

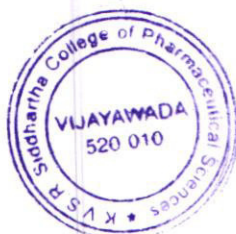
- a) Development of the PDB one that was specifically designed to contain the information required by the protein- ligand docking software Auto Dock.
- b) To predict how small molecules, such as substrates or drug candidates, bind to a receptor of known 3D structure.
- c) To modified and improved to add new functionalities of compounds.

Module 3: VIRTUAL SCREENING ANALYSIS

10h

- a) Identification of novel hit molecules
- b) In Silico evaluation of the probability of a molecule having a desired biological activity.
- c) To identify molecules of novel chemical structure that bind to the macromolecular target of interest.


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Organizing Secretary



Tel: 0866-2479775

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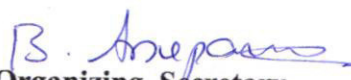
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DETAILS OF THE PROGRAM

Type of the program	SKILL DEVELOPMENT PROGRAM
Academic Year	2019-2020
Name of the Program with Course ID:	INSILICO METHODS ON DRUG DESIGN & DISCOVERY -III(19-20/PCH-DDD)
Duration :	32 Hrs
Additional Resources:	Online Softwares
Method of Training:	Offline
Outline/Syllabus:	Enclosed individual curriculum for each program
Assessment Procedure	Students with 80% attendance, practical session evolution
Certificate:	Hard copy of the certificate certified by the program coordinator and Head of the institution


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POLYCLINIC ROAD, SIDDHARTHA NAGAR, VIJAYAWADA,
ANDHRA PRADESH, INDIA-520010



REPORT

SKILL ORIENTED PROGRAM

On

EVALUATION OF HERBAL FORMULATIONS

DATES: 20th Jan. 2020 to 20th Feb. 2020

ORGANIZED BY: DEPARTMENT OF PHARMACOGNOSY



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866 2479775
866 2493347

E-mail : kvsrsiddharthapharma@gmail.com

Web: www.kvsrsiddharthapharma.edu.in

Date:- 21/02/2020

PROGRAM REPORT

SKILL ORIENTATION CERTIFICATE PROGRAM On
EVALUATION OF HERBAL FORMULATIONS

Organized By

DEPARTMENT OF PHARMACOGNOSY

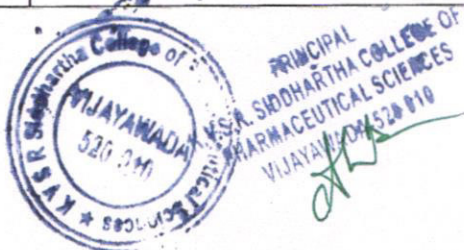
Scope:

A short-term skill-orientation certificate program on "EVALUATION OF HERBAL FORMULATIONS" shall provide practical training for III B. Pharmacy students.

Duration:- 20/01/2020 – 20/02/2020

Module: 03.

S. No.	Course Content
1	Determination of Moisture Content
2	Evaluation of Herbal Shampoo
3	Evaluation of Marketed Herbal Tablets
4	Evaluation of Herbal Syrups
5	Preparation and Evaluation of Herbal Ointments
6	Preparation and Evaluation of Herbal Toothpaste



Resource Persons:

Dr.V.Karuna Sree , HOD,Dept. of Pharmacognosy, KVSr SCOPS

Contact: 9866901088 E-mail: kspamula@gmail.com

Dr.A.Bharathi . Associate Professor, KVSr SCOPS

Contact: - 93930 43134 E-mail: Bharathi.arigela004@gmail.com

Dr.T.P.Rao ,Associate Professor, KVSr SCOPS

Contact: -9441902645 E-mail: tpphotography9@gmail.com

Sri Anil Kumar, Assistant Professor, KVSr SCOPS

Contact: - 94404 19934 E-mail: kvsrkutumbalu@gmail.com

Dr.D.Jothirmayee, Associate Professor, KVSr SCOPS

Contact: - 9866175359 E-mail: djyothirmayee9@gmail.com

- A total of 91 students registered in these Program & 90 members successfully completed it.

Program Out Comes:

The participants gained knowledge in the following areas.

- Evaluation of Herbal extracts and Marketed formulations.
- Techniques involved in Herbal drug formulation methods.



Dr. V. Karuna Sree

Programme Coordinator



Dr.G.Devala Rao

Principal

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Skill Orientation Certificate Program on Evaluation of Herbal Formulations

Academic Year: - 2019-20, Duration: - 20.01.2020 to 20.02.2020

Student Enroll List

S.no	Roll No	Name of the Student	Signature
1.	Y17BPH140001	BANDRAPALLI CHINNA	
2.	Y17BPH140002	KANDULA VENKATESWARA RAO	K. Venkateswara Rao
3.	Y17BPH140003	KILARU DHRUTHIJA	K. Dhruithija
4.	Y17BPH140004	KUMPATI RAKESH	K. Rakesh
5.	Y17BPH140005	PARASARAM SAI KRISHNA	P. Sai Krishna
6.	Y17BPH140006	PULUKURI HIMABINDU	P. Himabindu
7.	Y17BPH140007	SURE SAI KRISHNA	S. Sai Krishna
8.	Y17BPH140008	AKASA YUKTHA VARSHINI	A. Yuktha Varshini
9.	Y17BPH140009	B ANJANESWARA REDDY	B. Anjaneshwara Reddy
10.	Y17BPH140010	BADDIGAM RAJA SEKHAR REDDY	B. Sekhar Reddy
11.	Y17BPH140011	BATHULA RAGHAVENDRA	B. Raghavendra
12.	Y17BPH140012	BEROTHULA MURALI	B. Murali
13.	Y17BPH140013	BEZAWADA SIRISHA	Sirisha
14.	Y17BPH140014	BHATTU TEJ SEETHARAM CHARAN	B. Tej Charan
15.	Y17BPH140015	BODDAPATI VENNELA	B. Vinnela
16.	Y17BPH140016	BOKINALA SUBHASH	B. Subhash
17.	Y17BPH140017	BOLLU DIVYA DURGA	B. Divya
18.	Y17BPH140018	BONTHU SANJANA	B. Sanjana
19.	Y17BPH140019	CHALASANI SRUTHI	C. Sruthi
20.	Y17BPH140020	CHANDRA LAKSHMI SHIRINI	C. Snigdha
21.	Y17BPH140021	CHERUKURU SNIGDHA	C. Snigdha
22.	Y17BPH140022	CHETTY DEEPTHI	C. Deepthi
23.	Y17BPH140023	CHIDIRALA SANTHOSH KUMAR	Santhosh Kumar
24.	Y17BPH140024	CHIRUMAMILLA ASWINI	Ch. Aswini
25.	Y17BPH140025	DASARAJU MOHANA NAGA RAJESWARI	D. Mohana Naga Rajeswari
26.	Y17BPH140026	DASARI MAMATHA	D. Mamatha
27.	Y17BPH140027	DEVARAPALLI ASHA RANI	D. Asha Rani
28.	Y17BPH140028	E D E VENKATA GOPAL	Gopal E
29.	Y17BPH140029	GANDRETI MAHA LAKSHMI MANASA	G. Manasa
30.	Y17BPH140030	GAYATRI KANCHERLA	G. Gayatri Kancherla
31.	Y17BPH140031	GOBBI RAVI TEJA	G. Ravi Teja
32.	Y17BPH140033	GOLLAVILLI SIRISHA	Sirisha G.
33.	Y17BPH140034	GORREPATI SWATHI	Swathi
34.	Y17BPH140035	GUNJA GOPALAKRISHNA	Gopal Krishna
35.	Y17BPH140036	GUNTHANALA MAHITHA	G. Mahitha
36.	Y17BPH140037	GUNTURU SPANDANA	G. Spandana
37.	Y17BPH140038	HARSHINI KASULA	Kasula Harshini
38.	Y17BPH140039	JAAHNAVI GORIPARTHI	G. Jaahnavi
39.	Y17BPH140040	JONNALA SAMYUKTHA	Samyuktha
40.	Y17BPH140041	KAMMA HEMANTH KUMAR	K. Hemanth Kumar
41.	Y17BPH140042	KANCHARLAPALLI JAHNAVI	K. Jahnavi
42.	Y17BPH140043	KATTIKA KEERTHI	K. Keerthi



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43	Y17BPH140045	KODATI KARTHIK	K. Karthik
44	Y17BPH140046	KODURU SOWJANYA	k. Sowjanya
45	Y17BPH140047	KONDURI DIVYA	(Akanksha) Divya
46	Y17BPH140048	KOPPULA AKANKSHA	Deepika, Akanksha
47	Y17BPH140049	KRIHSNA DEEPIKA CHANUMOLU	Hastika, K. Deepika
48	Y17BPH140050	LAKSHMI HARIKA KELAM	Harika, K.
49	Y17BPH140051	MAJJI PADMA SREE	Padma Sree
50	Y17BPH140052	MANDAVA VENKATA JAGADISH	M. Venkata Jagadish
51	Y17BPH140053	MAREEDU AMARALINGESWARA RAO	M. Amaralingeswararao
52	Y17BPH140054	MEDISETTY LAKSHMI DURGA	Lakshmi Durga
53	Y17BPH140055	MONIKA DUVVI	Monika Duvvi
54	Y17BPH140057	NARAYANAPURAM PRANATHI SREE	N. Pranathi Sree
55	Y17BPH140058	NEELAKANTAM LIKHITHA	N. Likhitha
56	Y17BPH140059	NEKKALAPUDI SARALA	N. Sarala
57	Y17BPH140060	PAKKIRI RAJA RAJESWARI	P. Rajeswari
58	Y17BPH140061	PAPPALA KISHORE NAIDU	P. Kishore Naidu
59	Y17BPH140062	PARISA SUSMITHA SWAROOP	P. Susmitha Swaroop
60	Y17BPH140063	PENUMAKA PAVANA NAGA LAKSHMI SANKARI	Lakshmi
61	Y17BPH140064	PERUMALLA VANYA RANI	P. Rani
62	Y17BPH140065	POLLA CHIHNITHA	Chihnithe, P.
63	Y17BPH140066	PUTCHAKAYALA NAGA SRI DEVI	P. Naga Sri Devi
64	Y17BPH140067	PUTTI ANUSHA	Anusha
65	Y17BPH140068	RAAVI SAI GOPI	Gopi, R.
66	Y17BPH140069	SANAGAPALLI NEERAJA	Neeraja
67	Y17BPH140070	SAPPA TANYA SRI	S. Tanya
68	Y17BPH140071	SHAHANAZ BEGUM	Shahana Begum
69	Y17BPH140072	SHAIK AMRIN	Amrin
70	Y17BPH140073	SHAIK SALMA	S. Salma
71	Y17BPH140074	SRI AMBA SAIHARSHITA PASUPULETI	Harishitha
72	Y17BPH140075	SRI SUSHMA SAYINI	Sayini
73	Y17BPH140076	SUDHESHNA MOKKAPATI	M. Sudheshna
74	Y17BPH140077	SUPRIYA LAKSHMI BURADA	B. Supriya
75	Y17BPH140078	SURYADEVARA PADMINI	Padmini
76	Y17BPH140079	TADISETTI SAINAVYA	Sainavya
77	Y17BPH140080	TALLURI GEETHA PRIYANKA	T. Priyanka
78	Y17BPH140081	TATIKONDA LAVANYA	T. Lavanya
79	Y17BPH140082	TENALI SRAVAN KUMAR REDDY	T. Sraavan Kumar Reddy
80	Y17BPH140083	THOTA BHAGYA SREE	T. Bhagya Sree
81	Y17BPH140084	V.C.V.SIVA SAI	V.C.V. Siva Sai
82	Y17BPH140085	VANABATHINA HIMAJA	V. Himaja
83	Y17BPH140086	VANKA LOHITHA RANI	Lohitha
84	Y17BPH140087	VARANASI SRI VIDYA	Sri Vidya
85	Y17BPH140088	VELNATI KIRAN KUMAR	V. Kiran Kumar
86	Y17BPH140089	VEMANA ANUSHA	V. Anusha
87	Y17BPH140090	VIJJI DURGA PRASAD	V. Durga Prasad
88	Y17BPH140091	VUSTHELA NINEESHA	V. Nineesha
89	Y17BPH140092	VUYYURU SIRISHA	Sirisha V
90	Y17BPH140093	YARRA LAKSHMI HARIDEEP CHOWDARY	Y. Lakshmi Harideep
91	Y17BPH140094	YERRAMSHETTY SAI MADHAV	Y. Sai Madhav



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Staff In Charge Signature



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CERTIFICATE OF PARTICIPATION

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Dr. V. Karuna Sree
Programme coordinator



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Dr. G. Devala Rao
Principal



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Programme coordinator

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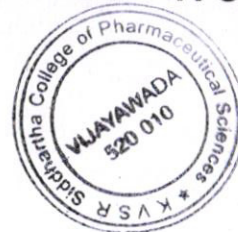


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20.02.2020.

Dr. V. Karuna Sree
Programme coordinator

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Programme coordinator

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This is to certify that Mr./ Miss.....*B. Raghavendra*.....has
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Tel: 0866-2479775

E-mail : kvrsiddharthapharma@gmail.com

Web: www.kvrsiddharthapharma.edu.in

SKILL DEVELOPMENT PROGRAM ON
“EVALUATION OF HERBAL FORMULATIONS”

(19-20/PCG-EHF)

SYLLABUS

Objectives:

- To discuss the challenges in preparation of Herbal Formulations
- To estimate the Moisture content and physical parameters
- To enlighten on evaluation methods of Herbal Formulations

Module 1: Physical Evaluation Techniques

11h

- Determination of Moisture Content
- Evaluation of Herbal Shampoo

Module 2: Screening methods for Tablets & Syrups

10h

- Evaluation of Marketed Herbal Tablets
- Evaluation of Herbal Syrups

Module 3: Preparation & Evaluation Methods

15h

- Preparation and Evaluation of Herbal Ointments
- Preparation and Evaluation of Herbal Toothpaste


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PHARMACEUTICAL SCIENCES
VIJAYAWADA-520 010.


Program Coordinator





Tel: 0866-2479775

Kommareddy Venkata Sadasiva Rao
Siddhartha College of Pharmaceutical Sciences

Siddhartha Nagar, Vijayawada - 520010, AP, INDIA
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DETAILS OF THE PROGRAM

Type of the program	Certificate program
Academic Year	2019-2020
Name of the Program with Course ID:	EVALUATION OF HERBAL FORMULATIONS (19-20/PCG-EHF)
Duration:	36 Hrs
Additional Resources:	Supplemental materials / activities.
Method of Training:	Offline
Outline/Syllabus:	Enclosed individual curriculum for each program
Assessment Procedure	Students with 80% attendance, multiple choice questions, multiple attempts
Certificate:	Hard copy of the certificate, certified by the program coordinator and Head of the institution




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PROGRAM COORDINATOR

KVSR SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

POLYCLINIC ROAD, SIDDHARTHA NAGAR, VIJAYAWADA,
ANDHRA PRADESH, INDIA-520010



REPORT
SKILL DEVELOPMENT PROGRAM
On

RECENT ADVANCES IN THE DEVELOPMENT OF NDDS

DATES: 18th Dec. 2019 to 31st Dec. 2019

ORGANIZED BY: DEPARTMENT OF PHARMACEUTICS & BIOTECHNOLOGY



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Siddhartha College of Pharmaceutical Sciences

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REPORT

Skill Orientation Certificate Programme on
RECENT ADVANCES IN THE DEVELOPMENT
OF NOVEL DRUG DELIVERY SYSTEMS

Organized by

DEPARTMENT OF PHARMACEUTICS & BIOTECHNOLOGY

Scope:

A short-term skill-oriented certificate program on "Recent Advances in the Development of Novel Drug Delivery Systems" shall provide theoretical / practical training for III/VI Pharm.D students. The main objective is to impart competency in students to bridge the gap between academic and industrial sector.

Objectives:

- To understand the concept of novel drug delivery systems.
- To elaborate the mechanisms of various NDDS.
- To discuss latest developments in the arena of NDDS.

S. No.	Course Content	Didactic
1	Introduction to novel drug delivery systems and their significance	Theory
2	Demonstration of various equipment and instruments used in the formulation and evaluation of NDDS	Theory
3	Formulation and evaluation of controlled release dosage forms	Practical
4	Formulation and evaluation of sustained release dosage forms	Practical
5	Formulation and evaluation of nanoparticulate drug delivery systems	Practical
6	Latest developments in the arena of novel drug delivery systems	Theory




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A total of 27 students registered in the Skill Development Programme and 25 successfully completed it.

Program outcomes:

The participants gained knowledge in the following areas:

- Understood the concept of novel drug delivery systems.
- Able to elaborate the mechanisms of various NDDS.
- Latest developments in the arena of NDDS.



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Dr. G. Devala Rao

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Web: www.kvrsiddharthapharma.edu.in

Certificate Program on "Recent Advances in the Development of Novel Drug Delivery Systems"

Date: 18.12.2019 to 31.12.2019

Batch: Y17 Batch-III/VI Pharm.D

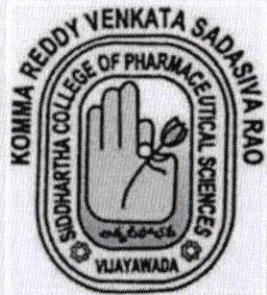
LIST OF REGISTERED STUDENTS

S. No.	Regd. No.	Name of the student	Signature
1.	Y17PHD140002	AluruYasaswi Chowdary	A. Yasaswi Chowdary
2.	Y17PHD140003	Aniseti Sai Manikanta	Aniseti Sai Manikanta
3.	Y17PHD140004	BanavathuRamyasri	B. Ramyate
4.	Y17PHD140006	Chinta Rekha Chandini	Chinta Rekha Chandini
5.	Y17PHD140007	DokkuSrinija	D. Srinija
6.	Y17PHD140008	JalibiliVinathi	Jalibili Vinathi
7.	Y17PHD140009	KamepalliSahithi	K. Sahithi
8.	Y17PHD140010	Karukuri Suvana	Suvana
9.	Y17PHD140011	KelamHimasri	Kelam Himasri
10.	Y17PHD140012	Konatham Kavya Sree	K. Kavya Sree
11.	Y17PHD140013	Koraganji Yamini	K. Yamini
12.	Y17PHD140014	Kumara Bhavana	Bhavana K
13.	Y17PHD140015	Kundurthi Surendra	K. Surendra
14.	Y17PHD140016	KurapatiJaahnavi Lakshmi Akhila	Akhila
15.	Y17PHD140017	MedepudiPravallika	Pravallika
16.	Y17PHD140019	Naga Sai Satya Sree Rechamalla	Satya
17.	Y17PHD140020	Naga Velangani Sai Sree Rachamalla	N. V. S. S. Rachamalla
18.	Y17PHD140021	NoonsavathPrameela Devi Bai	P. Prameela Devi Bai
19.	Y17PHD140022	Preethi Putti	P. Preethi
20.	Y17PHD140023	Sai Ashok Kumar Domasani	S. Ashok Kumar Domasani
21.	Y17PHD140024	Shaik Fathima	Shaik Fathima
22.	Y17PHD140025	SindhuraKumapati	Sindhura Kumapati
23.	Y17PHD140026	Sravani Thommandru	S. Sravani Thommandru
24.	Y17PHD140027	Thanikonda Venkata Rao	Thanikonda Venkata Rao
25.	Y17PHD140028	Thota Hema Latha Sri	Thota Hema Latha Sri
26.	Y17PHD140029	TumpalaSujana	Sujana
27.	Y17PHD140030	UddantiTejasri	Uddanti Tejasri

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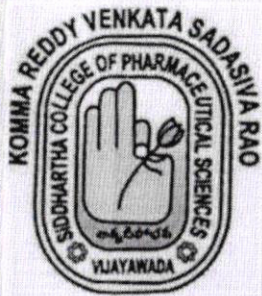
This is to certify that Mr./Ms. Aluru Yasaswi Chowdary, Regd. No. Y17PHD140002 of III/VI Pharm.D has participated in Skill Orientation Programme on "Recent Advances in the Development of Novel Drug Delivery Systems" from 18 December, 2019 to 31 December, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Dr. G. Ramana
Coordinator



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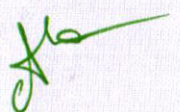
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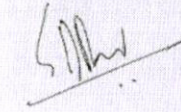
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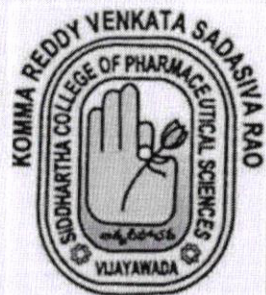
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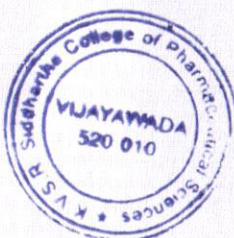
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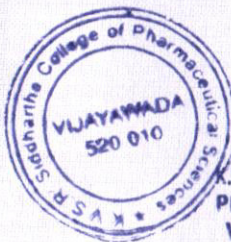
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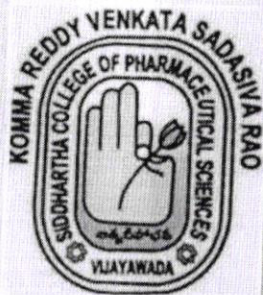
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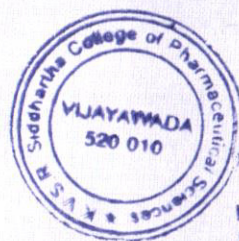
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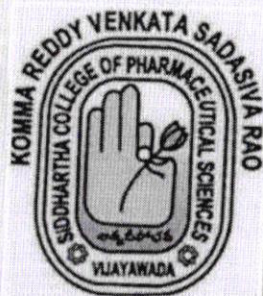
This is to certify that Mr./Ms. Kamepalli Sahithi, Regd. No. Y17PHD140009 of III/VI Pharm.D has participated in Skill Orientation Programme on "Recent Advances in the Development of Novel Drug Delivery Systems" from 18 December, 2019 to 31 December, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Dr. G. Ramana
Coordinator



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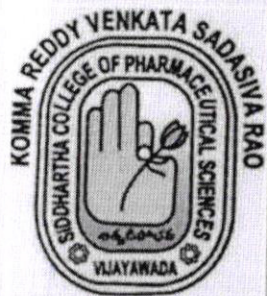
This is to certify that Mr./Ms. Karukuri Suvarna, Regd. No. Y17PHD140010 of III/VI Pharm.D has participated in Skill Orientation Programme on "Recent Advances in the Development of Novel Drug Delivery Systems" from 18 December, 2019 to 31 December, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

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Dr. G. Devala Rao
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Tel: 0866-2479775

Kommareddy Venkata Sadasiva Rao
Siddhartha College of Pharmaceutical Sciences

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**SKILL DEVELOPMENT PROGRAM ON "RECENT ADVANCES IN THE
DEVELOPMENT OF NDDS"**

(2019-20/PBT-RDN)

SYLLABUS

Objectives:

- To understand the concept of novel drug delivery systems
- To elaborate the mechanisms of various NDDS
- To discuss latest developments in the arena of NDDS

Module 1: Introduction to novel drug delivery systems and their significance 8h

- a) Concept of NDDS
- b) Advantages and disadvantages
- c) Applications
- d) Types of NDDS with illustrations

Module 2: Formulation and evaluation of NDDS 6h

- a) Equipment and instruments used in formulation and evaluation of NDDS
- b) Demonstration of Equipment and instruments
- c) Preparation methods for various NDDS

Module 3: Controlled and sustained release dosage forms 8h

- a) Concept of controlled and sustained release drug delivery systems
- b) Classification of controlled and sustained release DDS
- c) Formulation and Evaluation of CR & SR DDS

Module 4: Nanoparticulate DDS 6h

- a) Classification of Nanoparticulate DDS with illustrations
- b) Methods of preparation of nanoparticulate systems
- c) Characterization of nanoparticulate DDS

Module 5: Novel drug delivery systems 8h

- a) Buccal and sublingual DDS
- b) Floating DDS


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Program Co-ordinator



Tel: 0866-2479775

Kommareddy Venkata Sadasiva Rao
Siddhartha College of Pharmaceutical Sciences

Siddhartha Nagar, Vijayawada - 520010, AP, INDIA

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DETAILS OF THE PROGRAM

Type of the program	Certificate program
Academic Year	2019-2020
Name of the Program with Course ID:	RECENT ADVANCES IN THE DEVELOPMENT OF NDDS (2019-20/PBT-RDN)
Duration:	36 Hrs
Additional Resources:	Supplemental materials/activities.
Method of Training:	Offline
Outline/Syllabus:	Enclosed individual curriculum for each program
Assessment Procedure	Students with 80% attendance, multiple choice questions, multiple attempts
Certificate:	Hard copy of the certificate certified by the program coordinator and Head of the institution


PROGRAM COORDINATOR



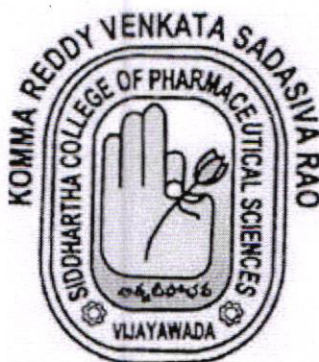

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19-20
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PCL - ISA

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REPORT OF
SKILL DEVELOPMENT PROGRAMME ON

On

INTRODUCTION TO STATISTICAL ANALYSIS

DATES: 14-10-19 to 31-10-2019

ORGANIZED BY : DEPARTMENT OF PHARMACOLOGY

Programme Coordinator : Dr. G. Devala Rao

Organizing Secretary : Dr. G. Vijay Kumar

Organizing Committee : Department of Pharmacology

Resource Person : Dr. Madhava Reddy



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PROGRAMME SCHEDULE

DAY 1-2	Introduction to statistical process thinking
Day 3-6	Basic statistics
Day 7-8	Statistical process control chart
Day 9-10	Process capability study
Day 11-12	Analysis of variance
Day 13-14	Correlation regression analysis



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Date: 01-11-2019

PROGRAM REPORT

Name of the event: Skill development programme on "INTRODUCTION TO STATISTICAL ANALYSIS"

Dates: 14-10-19 to 31-10-2019

Resource person:

Dr.Madhava Reddy

Professor, Department of Pharmacology,
Jagan College Of Pharmacy
Email id:pvmreddy@ratnampharma.edu.in
Contact number: 7799159292

Name of the coordinator: Dr.G. Devala rao

Organizing Secretary: Dr.G.Vijaya Kumar

Number of students attended: *no of students registered = 185*
no of students completed = 180

Venue: Pharmacology lab,

Objective of the program:

To make students gain knowledge on INTRODUCTION TO STATISTICAL ANALYSIS

Topics covered:

Introduction to statistical process thinking
Basic statistics
Statistical process control chart
Process capability study
Analysis of variance
Correlation regression analysis

Outcomes of the program:

Upon completion of this Programme, students will expertise in the following:

statistical process thinking
Basic statistics
Statistical process control chart
Process capability study
Analysis of variance
Correlation regression analysis



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G.D.M.
PROGRAMME COORDINATOR

C.ulu
ORGANISING SECRETERY



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Introduction to Statistical Analysis (Dates: 14-10-2019 to 31-10-2019)

A.Y: 2019-20

Introduction to Statistical Analysis (Dates: 14-10-2019 to 31-10-2019)

A.Y: 2019-20

S.No.	Roll No.	Name of the Student	Signature
1.	Y18BPH140001	Gade Sivaparvathi	G. Sivaparvathi
2.	Y18BPH140002	Harsan Suthar	H. Suthar
3.	Y18BPH140003	Kaithepalli Badhrinath	Badhrinath
4.	Y18BPH140004	Kamineni Ravindranath	Ravindranath
5.	Y18BPH140005	Kukkala Mohana Ranga Babu	Mohana Ranga
6.	Y18BPH140006	Mathi Sri Rahul	Rahul
7.	Y18BPH140007	Pothuri Aparna	P. Aparna
8.	Y18BPH140008	A Anuhya	A. Anuhya
9.	Y18BPH140009	Abhishikta Tangirala	Abhishikta T
10.	Y18BPH140010	Akumarthi Prashanthi	A. Prashanthi
11.	Y18BPH140011	Akunuru Sasikanth	A. Sasikanth
12.	Y18BPH140012	Aluri Dhanya Sri	Dhanya Sri
13.	Y18BPH140014	Bojja Revanth	B. Revanth
14.	Y18BPH140015	Bolisetty Pooja Sree	B. Pooja
15.	Y18BPH140016	Chadalavada Sathish Kumar	Kumar
16.	Y18BPH140017	Chagantipati Surekha	Ch. Surekha
17.	Y18BPH140018	Dhadala Pravachana	Pravachana
18.	Y18BPH140019	Dodda Balayogi	D. Balayogi
19.	Y18BPH140020	Doddaka Nagadeepthi	D. Nagadeepthi
20.	Y18BPH140021	Dondapati Anusha	Anusha
21.	Y18BPH140022	Ganganaboyina Rahul Krishna	G. Rahul Krishna
22.	Y18BPH140023	Gantasala Harikrishna	Harikrishna
23.	Y18BPH140024	Gudiseva Sucharitha	Sucharitha
24.	Y18BPH140025	Gutta Shilpa	G. Shilpa
25.	Y18BPH140026	Haridasu Bhavyasri	Bhavyasri
26.	Y18BPH140027	Haripriya Tadi	T. Haripriya
27.	Y18BPH140028	Jalluri Siri Venkata Siddhartha	S. Siddhartha
28.	Y18BPH140029	Kadapa Murthy Krishna	Murthy Krishna
29.	Y18BPH140030	Kadavakollu Venkata Sai Priya	K. Sai Priya
30.	Y18BPH140031	Kakumanu Harika	K. Harika
31.	Y18BPH140032	Kallam Aravind Sai Reddy	Sai Reddy
32.	Y18BPH140033	Kambampati Lakshmi Narayana	Lakshmi Narayana



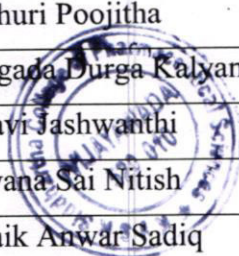
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34.	Y18BPH140035	Karre Manasa	Manasa
35.	Y18BPH140036	Ketuboyina Sravani	Sravani
36.	Y18BPH140037	Konda Krishnaveni Reddy	Krishnaveni
37.	Y18BPH140038	Kovelamudi Keerthi Dwaraka	Keerthi
38.	Y18BPH140039	Kurangi Yogesh	Yogesh
39.	Y18BPH140040	Lavuri Siva Nagaraju	Nagaraju
40.	Y18BPH140041	Manda Nagamani	Nagamani
41.	Y18BPH140042	Mandapaka Vasanthi	Vasanthi
42.	Y18BPH140043	Mani Sai Raja Sri Nitish Jillella	Nitish
43.	Y18BPH140044	Meka Harshavardhan	Harshavardhan
44.	Y18BPH140045	Mitta Keerthana	Keerthana
45.	Y18BPH140046	Munjuluri Harshitha	Harshitha
46.	Y18BPH140047	Mutte Jahnvi Sri	Jahnvi
47.	Y18BPH140048	Myneedu Kavya Sree	Kavya
48.	Y18BPH140049	Nagayalanka Nagamani	Nagamani
49.	Y18BPH140050	Nallajeru Mounika	Mounika
50.	Y18BPH140051	Nandipati Asmitha Reddy	Asmitha
51.	Y18BPH140052	Nayani Bhavana	Bhavana
52.	Y18BPH140053	Neeharika Lemati	Neeharika
53.	Y18BPH140054	Pallagani Ajay	Ajay
54.	Y18BPH140055	Palli Ajay Kumar	Ajay
55.	Y18BPH140056	Pathakoti Vandana	Vandana
56.	Y18BPH140057	Patibandla Sravani	P. Sravani
57.	Y18BPH140058	Pavuluri Amar	P. Amar
58.	Y18BPH140059	Pechetti Durga Bhavani	Durga Bhavani
59.	Y18BPH140060	Pinapaka Sai Sri Raajitha	Raajitha
60.	Y18BPH140061	Pothuri Poojitha	Poojitha
61.	Y18BPH140062	Pragada Durga Kalyani	Kalyani
62.	Y18BPH140063	Raavi Jashwanthi	Jashwanthi
63.	Y18BPH140064	Sayana Sai Nitish	Nitish S.
64.	Y18BPH140065	Shaik Anwar Sadiq	Sadiq
65.	Y18BPH140066	Shaik Basha	Basha
66.	Y18BPH140067	Shaik Karishma Kowear	Karishma



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68.	Y18BPH140069	Shaik Salam	Salam
69.	Y18BPH140070	Sravanthi Thommandru	Thommandru Sravanthi
70.	Y18BPH140071	Sunkara Nikhitha	Nikhitha Sunkara
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72.	Y18BPH140073	Thota Manichandana	T. Manichandana
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74.	Y18BPH140075	Uppuluri Jagadish	Jagadish
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77.	Y18BPH140078	Venkata Bhumika Bandi	Bhumika
78.	Y18BPH140079	Vicharapu Naga Venkata Kalyan	Kalyan
79.	Y18BPH140080	Vyshnavisaimalavika Vallabhaneni	Vyshnavi
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81.	Y18BPH140082	Yasaswitha Srujana Gannu	Srujana
82.	Y18BPH140083	Yendamuri Mounika	Mounika
83.	Y18BPH140084	Sravathi Talluri	T. Sravathi
84.	Y18BPH140085	Ummidi Deepika	Deepika



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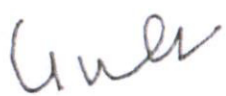
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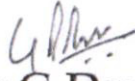
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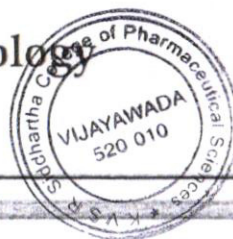
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Dr. G. Vijaya Kumar
HoD, Dept. of Pharmacology


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Dr. G. Devala Rao
Principal & Professor





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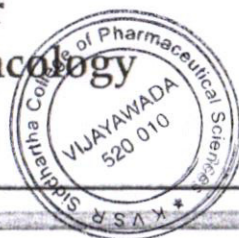
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College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.

G. Vijaya Kumar

Dr. G. Vijaya Kumar
HoD, Dept. of Pharmacology



G. Devala Rao
PRINCIPAL

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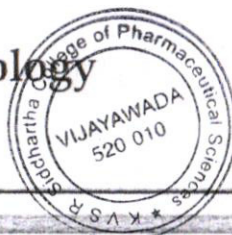
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G. Vijaya Kumar

Dr.G.Vijaya Kumar
HoD, Dept. of Pharmacology



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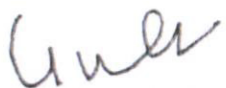
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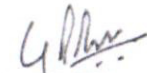
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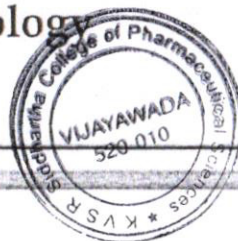
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..... D. B. Pharm has participated in "Skill Development Programme on
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College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.


Dr. G. Vijaya Kumar
HoD, Dept. of Pharmacology


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Dr. G. Devala Rao
Principal & Professor





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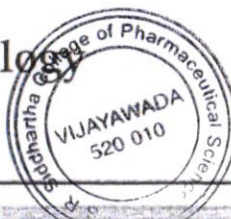
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..... P. B. Phoum has participated in "Skill Development Programme on
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Dr. G. Vijaya Kumar
HoD, Dept. of Pharmacology



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Dr. G. Vijaya Kumar
HoD, Dept. of Pharmacology

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Dr. G. Devala Rao
Principal & Professor





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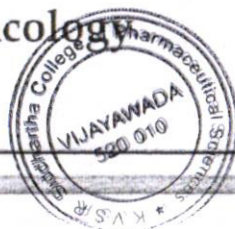
Certificate of Participation

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..... P. B. Pharm has participated in "Skill Development Programme on
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31st October, 2019 organized by Department of Pharmacology, KVSRS Siddhartha
College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.

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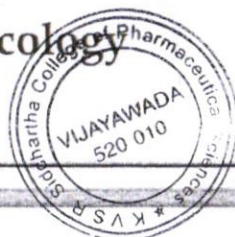
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G. V. Kumar

Dr.G.Vijaya Kumar
HoD, Dept. of Pharmacology



G. Devala Rao

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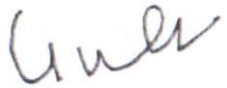
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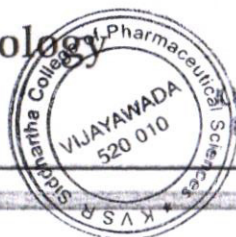
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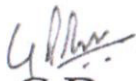
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Dr. G. Vijaya Kumar
HoD, Dept. of Pharmacology




Dr. G. Devala Rao
Principal & Professor


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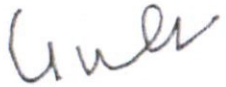
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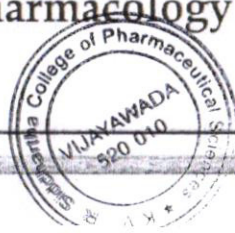
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Dr. G. Vijaya Kumar
HoD, Dept. of Pharmacology




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Dr. G. Devala Rao
Principal & Professor



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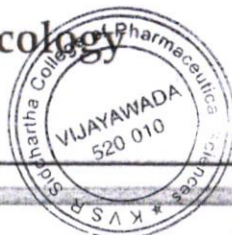
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G. Vijaya Kumar

Dr.G.Vijaya Kumar
HoD, Dept. of Pharmacology



G. Devala Rao

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KVS R SIDDHARTHA COLLEGE OF
PHARMACEUTICAL SCIENCES
VIJAYAWADA-520 010

Dr.G.Devala Rao
Principal & Professor



Tel: 0866-2479775

Kommareddy Venkata Sadasiva Rao Siddhartha College of Pharmaceutical Sciences

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INTRODUCTION TO STATISTICAL ANALYSIS

19-20 / PCL – ISA

SYLLABUS

Objectives:

1. To get introduction about statistics
2. To gather basics
3. To study process control charts
4. To know about ANOVA
5. To solve regression analysis

Module 1: Introduction

2 hrs

- a) Importance of statistics
- b) Statistical thinking
- c) Biomedical research
- d) Test methods

Module 2: Basic Statistics

4 hrs

- a) Descriptive statistics
- b) Variance
- c) Null hypothesis

Module 3: Statistical process control chart

6 hrs

- a) Statistical process control
- b) ANOVA
- c) Capability study
- d) Process control
- e) SPC
- f) Databases and resources


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Tel: 0866-2479775

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Module 4: Process capability study

6 hrs

- a) Capability analysis
- b) Sampling intervals
- c) Process variability

Module 5: Analysis of variance

6 hrs

- a) ANOVA
- b) Regression models
- c) F-ratio
- d) F-distribution

Module 6: Correlation regression analysis

6 hrs

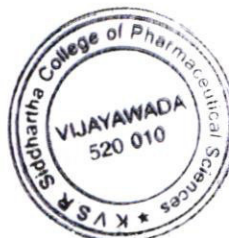
- a) Correlation
- b) Regression
- c) Analysis

Amr

PROGRAM CO-ORDINATOR

AK

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Tel: 0866-2479775

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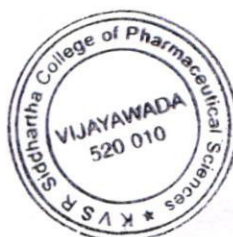
DETAILS OF THE PROGRAM

Type of the Program	Certificate program
Academic Year	2019-20
Name of the Program with course ID	INTRODUCTION TO STATISTICAL ANALYSIS 19-20 / PCL – ISA
Duration	30 hrs
Additional Resources	Supplemental materials / activities
Method of Training	Offline
Outline / Syllabus	Enclosed individual curriculum for each program
Assessment Procedure	Students with 80 % attendance, multiple choice questions, multiple attempts
Certificate	Hard copy of the certificate certified by the program co-ordinator and Head of the institution

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PROGRAM CO-ORDINATOR

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ANDHRA PRADESH, INDIA-520010



REPORT SKILL DEVELOPMENT PROGRAM On

TRAINING ON SOPHISTICATED ANALYTICAL INSTRUMENTS

DATES: 23rd Sept. 2019 to 26th Oct. 2019

ORGANIZED BY: DEPARTMENT OF PHARMACEUTICAL ANALYSIS



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DEPARTMENT OF PHARMACEUTICAL ANALYSIS

Report on

“Training On Sophisticated Analytical Instruments” - 23-09-2019 to 26-10-2019

Resource Person:

Dr. Karuna Sree Varicola

- Associate professor, HOD, Department of Pharmacognosy, KVSRS SCOPS
- Ph. No: 9866901088
- Email ID: kspamula@gmail.com

Organizing Secretary:

Dr. G. Devala Rao

- Principal & HOD, Department of pharmaceutical analysis, KVSRS SCOPS
- Ph. No: 9848827872
- Email ID: drgdr1964@gmail.com

Faculty coordinator's:

Dr M Vijayalakshmi, Assoc. Prof

- Associate Professor, Department of pharmaceutical analysis, KVSRS SCOPS
- Ph. No: 8501011122
- Email ID: analysis.scops@gmail.com

Dr I Madhusudhana Reddy, Assoc. prof

- Associate Professor, Department of pharmaceutical analysis, KVSRS SCOPS
- Ph. No: 7093819777
- Email ID: imsreddychem@gmail.com

Mrs. V Anusha, Assist. Prof

- Assistant Professor, Department of pharmaceutical analysis, KVSRS SCOPS
- Ph. No: 6305523176
- Email ID: anushavalapa1209@gmail.com

Venue: Central Instrumentation Room-Pharmaceutical Analysis Lab and Pharmaceutics Lab

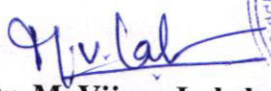
Objectives: To educate them in

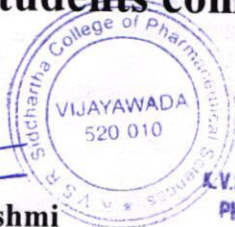
- Operating analytical instruments in laboratory
- To apply theoretical concepts in practicals
- Sample application and analysis on instruments

Outcomes: Students can

- Handle FT-IR, Fluorimetry, Flame photometer, HPLC, UV-Vis Spectrophotometer etc.
- Have strong theoretical knowledge
- Interpret data of different chromatograms
- Practical application- sample analysis
- Study on need for current research aspects

Number of students completed program: 81


Dr. M. Vijaya Lakshmi
Program Co-Ordinator




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Organizing Secretary



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Report

Date 23-09-2019 & 24-09-2019: Inauguration function and Analytical Instruments theoretical explanation and importance

Skill development program, for IV/IV B. Pharmacy VII Sem, titled **"Training On Sophisticated Analytical Instruments"** was inaugurated by Dr. **G. Devala Rao** principal & Head Dept. of Pharmaceutical Analysis, KVSr Siddhartha College of Pharmaceutical Sciences. This program was scheduled from 23-09-2019 to 26-10-2019

The faculty coordinators presented the program schedule, day wise classes and list of instruments of different models and makes, This Training Program was intended to provide basic understanding, operation, and hands on training for Analytical instruments like High Performance Liquid Chromatography (HPLC), Fourier Transform Infrared Spectrophotometer (FT-IR), UV-Vis Spectrophotometer, refractometer, Nephelo -Turbidity meter, Spectro-Fluorimetry, Flame Photometer.

Date 25-09-2019 & 26-09-2019: theory and practice on UV-Visible spectrophotometer

Dr. I. Madhusudhana Reddy, Associate professor, Dept of pharmaceutical analysis, explained UV-Vis Spectrophotometer. Working and principle of the instrument which is a make of Lab India and model UV 3200 with the software UV-Vis analyst. Handling of the cuvettes, UV instrumentation which includes the Sources of light, Wavelength regions and selection of wavelength, types of monochromators used and the detectors used in UV-Vis spectrophotometer like Photo cells, Barrier layer cells and Photo multiplier cells were explained. Different methods of measurement like Fixed point measurement and multiple wavelength determination, and different other methods were also very clearly explained.

Date 27-09-2019 & 28-09-2019: IR Instrumentation, FT-IR Explanation, and application

Dr M Vijayalakshmi, Associate professor, Kvsrscops took charge in explaining FT-IR theory, software learning, sample analysis, applications

The theory involved in the Infrared radiation sources and the concept of wave number, different vibrational modes in IR region, the FT-IR working principle were explained.

Instrumentation of FT-IR in our college it is made of BRUKER and model Alpha-II with OPUS software. Different sampling techniques like pressed pellet technique, ATR Attenuated total internal reflection for solid, fluid, and polymer analysis, solid samples with KBR and the liquid



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Date 14-10-2019 & 15-10-2019: HPLC theoretical training

Dr. G. Devala Rao principal & Head Dept. of Pharmaceutical Analysis explained HPLC of make Shimadzu and model SPD 10A UP, With software LC Solutions. Theory involved in the HPLC were explained in detail with PPT presentation.

Concept of Adsorption and partition, isocratic elution and gradient elution modes, normal phase and reverse phase theory, and instrumentation involved in the HPLC were explained.

Pumping systems and types like pneumatic pumps, syringe type pumps, reciprocating pumps, and piston pumps were explained. Different types of mobile phases to be used. Selection of mobile phase composition based on polarity of solvent, selection of buffer and buffer pH based on sample pKa were clearly explained. Different types of injectors and different types of detectors like UV-VIS, Fluorescence, refractive index detector, elsd, conductivity detectors, mass spectroscopic detectors were taught.

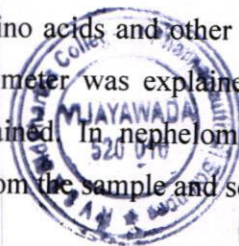
Date 16-10-2019 & 17-10-2019: HPLC practical approach

Practical approach is carried by doing calibration of HPLC for various parameters like wavelength, run time, column temperature and pumping system etc. late calibration is done by using caffeine as a drug. Late sample analysis with paracetamol is shown. The integration of the chromatogram and the various parameters like retention time, theoretical plate, tailing factor, standard deviation calculation, %RSD calculations, mean, Y-Intercept concepts were explained. Trouble shooting for HPLC is also explained which covered the filtration of the mobile phase and sample solutions, the seal wash and the needle wash, pressure maintenance, purging with hot water about 60 C to wash out all the salts and remains in pump.

Washing the channels with magic solution which is combination of Acetonitrile, methanol, and IPA.

Date 18-10-2019 & 19-10-2019: Refractometer and Nephelo-turbidity meter

Mrs. V Anusha, Assistant Professor, Department of pharmaceutical analysis Refractometer theory, instrumentation and sample analysis were done on day 6. The theory of refraction of light, refraction for different media, Snell's law, refractive index calculations, standard refractive index values were learned. Refractometer of make Systronics with different lens is shown. The sample analysis by applying amino acids and other plant samples were identified using refractometer. Later Nephelo-turbidity meter was explained. Here the concept of light scattering and light transmission was explained. In nephelometer the light scattering was measured and it is in 90 to the light passing from the sample and source where in turbidity meter



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the light transmitted was measured which is 180 angles to the emitted light. Nephelometer is used for the determination of low viscous and dilute solutions while the turbidity meter is used for the measurement of highly viscous and turbid solutions.

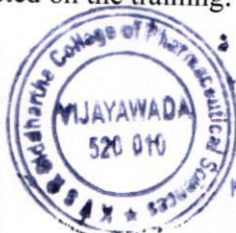
Date 21-10-2019 & 22-10-2019: spectrofluorometer and flame photo meter

Mrs. V Anusha, Assistant professor, Dept. of Pharmaceutical Analysis, Kvsrscops explained Fluorescence, phosphorescence, and the theory of electronic transitions and the instrumentation of fluorimetry, the factors effecting fluorescence and the sample analysis were explained and applied in the instrument. fluorescent compounds, quenching of the fluorescence and the sample quinine analysis is done using fluorimetry.

Flame photometry, the theory behind it, intensity of flame, the change in the fame color due to presence of metal ions in different concentrations. Software learning and the sample analysis by estimating the concentration of unknown sample by calibration curve method against the known standard solutions.

Date 26-10-2019: valedictory function

The workshop got very good response. The valedictory function was inaugurated by **Dr. Karuna Sree Varicola** Associate professor, HOD, Department of Pharmacognosy, KVSRSOPS made a speech about the need for the research blessing the students for the bright future. She addressed about the need of chemical analysis of new products and the advances analytical instruments have made in these years and how much important it is to correlate the theoretical knowledge of these instruments with their practical handling. She distributed the certificates for the students who shown best performance in the training considering the attendance and the results of the exams conducted on the training.



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DEPARTMENT OF PHARMACEUTICAL ANALYSIS

Skill development program on

TRAINING ON SOPHISTICATED ANALYTICAL INSTRUMENTS

Date: 23-09-2019 to 26-10-2019

Batch: Y16 Bpharm

Duration: 36 hrs

Registered list of students

S. No	Reg. No.	Name of the Student	Signature of student
1	Y16BPH140001	Batchu Koushik	
2	Y16BPH140002	Garimella Harika	
3	Y16BPH140003	Gokaraju Aditya Varma	
4	Y16BPH140004	Kadimella Allauddin Raju	
5	Y16BPH140005	Kali Rajesh	
6	Y16BPH140006	Pilla Sivani	
7	Y16BPH140007	Addakattu Tejaswini	
8	Y16BPH140008	Agartha Naga Abhinav	
9	Y16BPH140009	Akumalla Khan Babu	
10	Y16BPH140010	Annapureddy Sudheer Babu	
11	Y16BPH140011	Balagam Mounika	
12	Y16BPH140012	Bathula Sirisha	
13	Y16BPH140013	Bezawada Anusha	
14	Y16BPH140014	Boddu Meher Ravindranath	
15	Y16BPH140015	Bommareddy Haneesh Reddy	
16	Y16BPH140016	Boothapati Sudha Rani	
17	Y16BPH140017	Badiga Venkata Durga Sai Pavan	
18	Y16BPH140018	Chakka Durga Pravallika	
19	Y16BPH140019	Chanumolu Harsha Sai	
20	Y16BPH140020	Chinthalacheruvu Sravani	
21	Y16BPH140021	Chukka Lalitha Sagar	
22	Y16BPH140022	Damarla Phanideep Naidu	
23	Y16BPH140023	Dasari Sravani	
24	Y16BPH140024	Desu Venkat Hari Kumar	
25	Y16BPH140025	Devarapalli Divya	
26	Y16BPH140026	Devireddy Sirisha	
27	Y16BPH140027	Gangavarapu Sandhya Rani	



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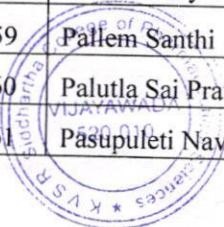
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29	Y16BPH140029	Garikapati Sai Teja	G. Sai Teja
30	Y16BPH140030	Gorrela Vasanthi	G. Vasanthi
31	Y16BPH140031	Gouru Akhil	G. Akhil
32	Y16BPH140032	Gugulothu Haris Chandra Naik	G. Haris Naik
33	Y16BPH140033	Gullapalli Yamini	G. Yamini
34	Y16BPH140034	Guntupalli Thanu Sri	G. Thanu Sri
35	Y16BPH140035	Heena Firdous	Firdous
36	Y16BPH140036	Jasti Ganesh Kumar	Ganesh Kumar
37	Y16BPH140037	Kalavakollu Naga Malleswari	K. Malleswari
38	Y16BPH140038	Kalluri Vijayasree	K. Vijayasree
39	Y16BPH140039	Kambhampati Rohith	Rohith
40	Y16BPH140040	Karimisetti Lokeswari	Lokeswari
41	Y16BPH140041	Katru Poojitha	Poojitha
42	Y16BPH140042	Kolli Suhas Reddy	K. Suhas Reddy
43	Y16BPH140043	Komarabattina Buela Grace	K. Buela Grace
44	Y16BPH140044	Komarala Narendra Babu	K. Narendra
45	Y16BPH140046	Kotaru Karthik	K. Narendra Babu
46	Y16BPH140047	Kurra Sindhu Priya	Sindhu Priya
47	Y16BPH140048	Likhitha Gudapati	Likhitha
48	Y16BPH140049	Mallampati Sai Sree	Sai Sree
49	Y16BPH140050	Manne Navya Teja Sree	Teja Sree
50	Y16BPH140051	Meda Sravya	M. Sravya
51	Y16BPH140052	Mekala Alekhya	M. Alekhya
52	Y16BPH140053	Mohammad Amreen Suhana	M. Amreen Suhana
53	Y16BPH140054	Mohammed Nizamuddin	Nizam
54	Y16BPH140055	Munnangi Sukanya	Sukanya
55	Y16BPH140056	Murapala Vivek	Vivek
56	Y16BPH140057	Narayanam Ooha Seshasai	Seshasai
57	Y16BPH140058	Nunna Navya Sree Sai	N. Navya
58	Y16BPH140059	Pallem Santhi	Santhi
59	Y16BPH140060	Palutla Sai Pravallika	Sai
60	Y16BPH140061	Pasupuleti Navyasree	Navyasree



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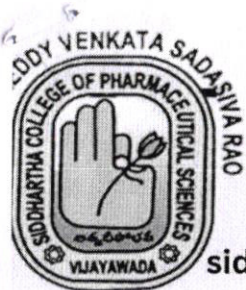
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62	Y16BPH140063	Pavani Talasila	P. Talasila
63	Y16BPH140064	Penchikala Naga Pavani	P. Naga Pavani
64	Y16BPH140065	Pidugu Venkata Ravi Kiran	P. Ramesh
65	Y16BPH140066	Podili Runesh	P. Powduri Tharun
66	Y16BPH140067	Powduri Tharun	P. Tharun
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68	Y16BPH140070	Ravulapati Harsha Nandini	Nandini
69	Y16BPH140071	Rayapudi Mahesh Kumar	R. Mahesh Kumar
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71	Y16BPH140073	Surayya Zabeen	Kamala
72	Y16BPH140074	Susmith Manindra Kunduru	Manindra
73	Y16BPH140075	Tabeti Ratna Deepika	T. Deepika
74	Y16BPH140076	Tadikamalla Hemalatha	Hemalatha
75	Y16BPH140078	Thota Jasmine	Jasmine
76	Y16BPH140079	Uppalapati Karthik	U. Karthik
77	Y16BPH140080	Vanka Jogendra Babu	V. Jogendra
78	Y16BPH140081	Vardhineni Akash	Akash
79	Y16BPH140082	Vaseemunnisa Mohammad	V. Mohammad
80	Y16BPH140083	Vegesna Anjani Gayathri	G. Anjani
81	Y16BPH140084	Vemula Neeraj	Neeraj
82	Y16BPH140085	Vemuri Lakshmi Poojitha	Poojitha
83	Y16BPH140086	Vemuri Rupa Sree Devi	V. Rupa sreedevi
84	Y16BPH140087	Vemuru Tejaswi Venkata Nagasaivishnupriya	V. N. Vishnupriya
85	Y16BPH140088	Vinukonda Yaswanth	V. Yaswanth
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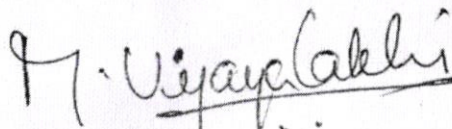
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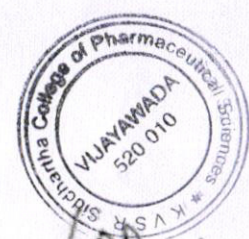
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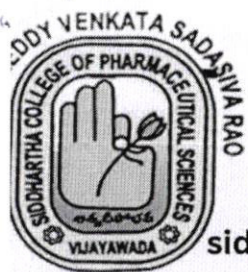
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Program Co-ordinator


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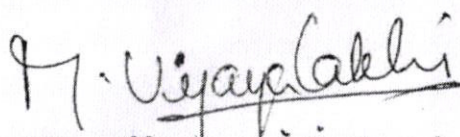
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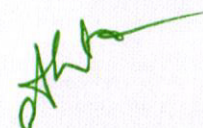
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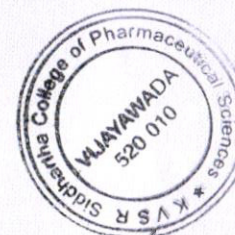
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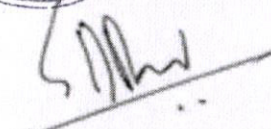
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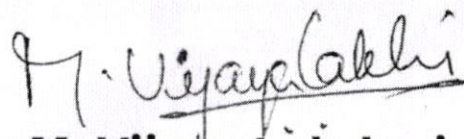
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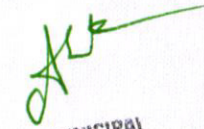
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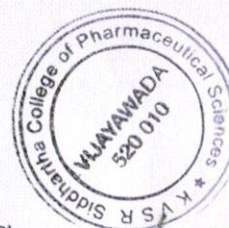
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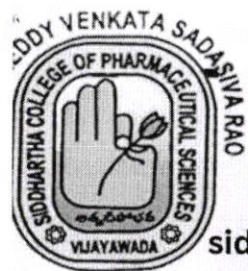


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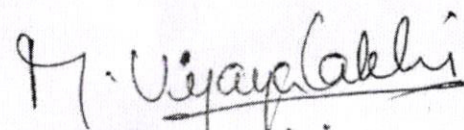
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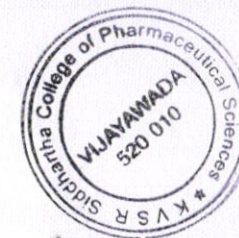
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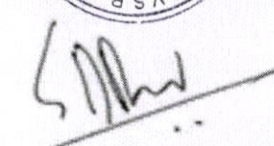
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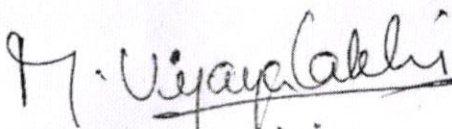
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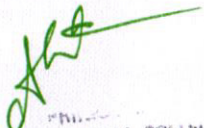
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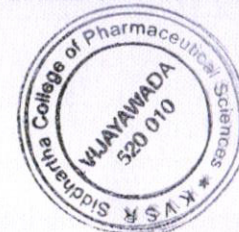
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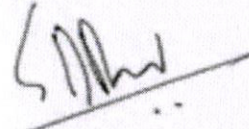
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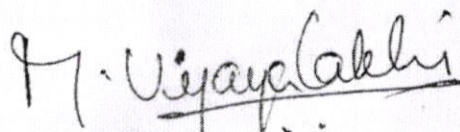
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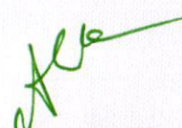
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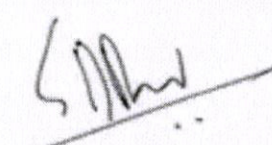
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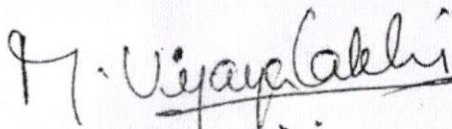
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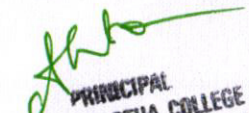
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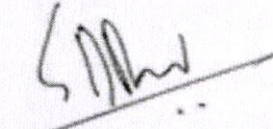
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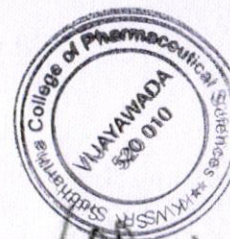
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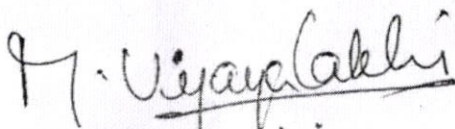
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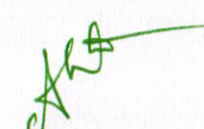
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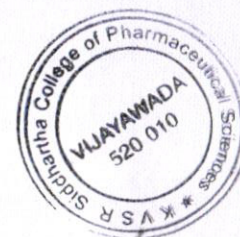
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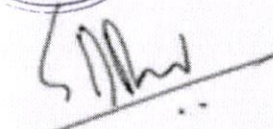
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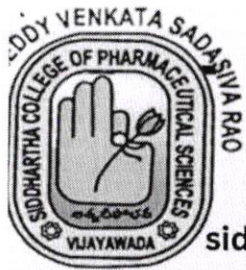
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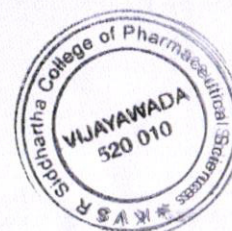
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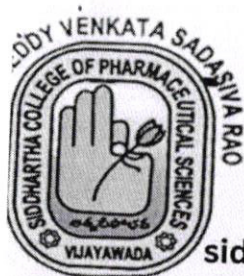
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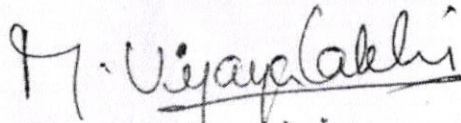


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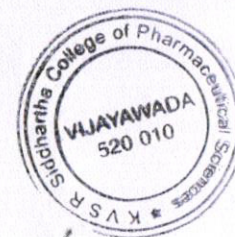
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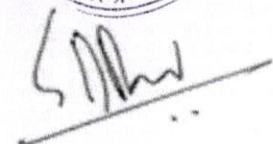
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Siddhartha College of Pharmaceutical Sciences

Siddhartha Nagar, Vijayawada - 520010, AP, INDIA
(Sponsors : Siddhartha Academy of General & Technical Education)

ISO 9001:2015, ISO 14001:2015 & ISO 50001:2011 CERTIFIED INSTITUTION

Affiliated to Krishna University, Machilipatnam

Approved by AICTE, PCI, New Delhi and Govt. of Andhra Pradesh

E-mail : kvsrsiddharthapharma@gmail.com

Web: www.kvsrsiddharthapharma.edu.in

**SKILL DEVELOPMENT PROGRAM ON "TRAINING ON SOPHISTICATED
ANALYTICAL INSTRUMENTS (19-20/PHA-TSA)**

SYLLABUS

Objectives:

- To educate them in operating analytical instruments used in laboratory
- To apply theoretical concepts in practicals
- Sample application and analysis on instruments

Module 1: Mastering UV-Vis Spectrophotometry: Hands-On Training 8hrs

1. Principle, and practical applications to show deviations
2. Applications: Quantifying concentrations in chemical samples.
3. Calibration and trouble shooting

Module 2: Hands-on Fourier Transform Infrared Spectrophotometer : 8hrs

1. Instrumentation and software
2. ATR, Pressed pellet technique on solids, liquids
3. Applications: Qualitative analysis for samples in the form of solids & liquids.

Module 3: HPLC Training for Analytical Precision 8hrs

1. Instrumentation
2. Calibration of the instrument
3. Maintenance of instrument
4. System suitability parameters as per USP
5. Validation parameters as per ICH guidelines

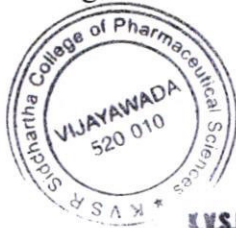
Module 4: Handling Refractometer and Nephelo-Turbidity meter 6hrs

1. Theory of refraction of light
2. Refraction for different media, snell's law & application for different oils
3. Handling and calibration of Nephelo-turbidity meter

Module 5: Applications of Spectrofluorometer and Flame Photometer 6 hrs

Theory of fluorescence and electronic transition states

1. Instrumentation and handling
2. Factors effecting fluorescence
3. Sample preparation and dilutions.
4. Quenching of fluorescence and its application to estimate the drugs in formulations.



PRINCIPAL
K.V.S.R. SIDDHARTHA COLLEGE OF
PHARMACEUTICAL SCIENCES
VIJAYAWADA-520 010

Program Co-ordinator



Tel: 0866-2479775

Kommareddy Venkata Sadasiva Rao
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DETAILS OF THE PROGRAM

Type of the program	Certificate program
Academic Year	2019-2020
Name of the Program with Course ID:	TRAINING ON SOPHISTICATED ANALYTICAL INSTRUMENTS (19-20/PHA-TSA)
Duration :	36 Hrs
Additional Resources:	Supplemental materials / activities.
Method of Training:	Offline
Outline/Syllabus:	Enclosed individual curriculum for each program
Assessment Procedure	Students with 80% attendance, multiple choice questions, multiple attempts
Certificate:	Hard copy of the certificate certified by the program coordinator and Head of the institution

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PROGRAM COORDINATOR