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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

LIST OF CERTIFICATE/ ADD-ON PROGRAMS

A.Y 2018-19

S.No	Name of Certificate / Add-on programs offered	Course Code	Dates
1	Skill Development Program on "Formulation and Evaluation of Different Dosage Forms"	18-19/PBT - FED	05-04-2019 to 30-04-2019
2	Certificate Program on "Pharmacovigilance"	18-19/PHP - PHV	11-03-2019 to 27-03-2019
3	Skill Oriented Program on "Screening Methods"	18-19/PCG - SCM	11-02-2019 to 06-03-2019
4	Skill Development Program on "Animal Behavioural Models in Modern Translational Research"	18-19/PCL - AMM	07-12-2018 to 24-12-2018
5	Skill Development Program on "Training cum Workshop on Analytical Instruments"	18-19/PHA - TWA	28-09-2018 to 31-10-2018
6	Skill Development Program on "Insilico Methods for Drug Design and Discovery -II"	18-19/PCH - DDD	15-09-2018 to 29-09-2018



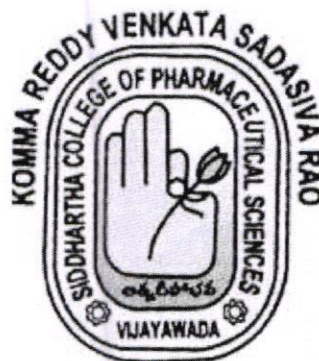
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POLYCLINIC ROAD, SIDDHARTHA NAGAR, VIJAYAWADA,
ANDHRA PRADESH, INDIA-520010



REPORT SKILL DEVELOPMENT PROGRAM On

FORMULATION AND EVALUATION OF DIFFERENT DOSAGE FORMS

DATES: 5th Apr. 2019 to 30th Apr. 2019



ORGANIZED BY: DEPARTMENT OF PHARMACEUTICS & BIOTECHNOLOGY
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REPORT

Skill Orientation Certificate Programme on

FORMULATION AND EVALUATION OF DIFFERENT DOSAGE FORMS

Organized by

DEPARTMENT OF PHARMACEUTICS & BIOTECHNOLOGY

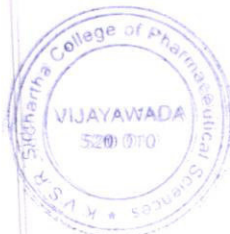
Scope:

A short-term skill-oriented certificate program on "Formulation and Evaluation of Different Dosage Forms" shall provide theoretical / practical training for II/IV B. Pharmacy students. The main objective is to impart competency in students to bridge the gap between academic & industrial sector.

Objectives:

- Understand about formulation of various dosage forms.
- Compare and contrast advantages and limitations of dosage forms.
- Evaluation of solid, liquid and semisolid dosage forms.

S. No.	Course Content	Didactic
1	Introduction: Significance of preformulation studies, Preformulation studies on various drugs	Theory & Practical
2	Formulation and evaluation of tablet dosage forms	Practical
3	<i>In vitro</i> : dissolution and drug release testing from various tablet dosage forms	Practical
4	Formulation and evaluation of liquid oral dosage forms	Practical
5	Formulation and evaluation of capsule dosage forms	Practical
6	Formulation and evaluation of novel parenteral dosage forms	Theory
7	Formulation and evaluation of various cosmetic preparations	Practical



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A total of 91 students registered in the Skill Development Programme and 90 successfully completed it.

Program outcomes:

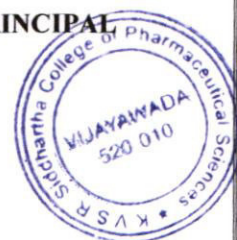
The participants gained knowledge in the following areas:

- Understood about the formulation of various dosage forms.
- Able to compare and contrast advantages and limitations of dosage forms.
- Evaluation of solid, liquid and semisolid dosage forms.

Dr. G. Devala Rao

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A.Y:2018-19

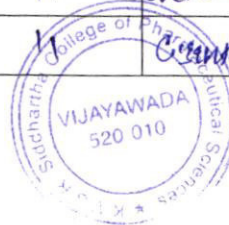
Certificate Program on "Formulation and Evaluation of Different Dosage Forms"

Dates: 05.04.2019-30.04.2019

Y17 Batch II/IV B Pharmacy

S.NO.	ROLLNO.	NAME OF THE STUDENT	Program & Year of study	Signature
1.	Y17BPH140001	BANDRAPALLI CHINNA	B.Pharm(II/IV)	B. Chinn
2.	Y17BPH140002	KANDULA VENKATESWARA RAO	11	K. Venkateswara Rao
3.	Y17BPH140003	KILARU DHRUTHIJA	11	K. Dhruithia
4.	Y17BPH140004	KUMPATI RAKESH	11	K. Rakesh
5.	Y17BPH140005	PARASARAM SAI KRISHNA	11	P. Sai Krishna
6.	Y17BPH140006	PULUKURI HIMABINDU	11	P. Hima Bindu.
7.	Y17BPH140007	SURE SAI KRISHNA	11	S. Sai Krishna
8.	Y17BPH140008	AKASA YUKTHA VARSHINI	11	A. Yuktha Varshini
9.	Y17BPH140009	B ANJANESWARA REDDY	11	B. Anjaneshwara Reddy
10.	Y17BPH140010	BADDIGAM RAJA SEKHAR REDDY	11	B. Sekhar Reddy
11.	Y17BPH140011	BATHULA RAGHAVENDRA	11	B. Raghavendra
12.	Y17BPH140012	BEROTHULA MURALI	11	B. Murali
13.	Y17BPH140013	BEZAWADA SIRISHA	11	B. Sirisha
14.	Y17BPH140014	BHATTU TEJ SEETHARAM CHARAN	11	B. Tej Seetharam Charan
15.	Y17BPH140015	BODDAPATI VENNELA	11	B. Vennela
16.	Y17BPH140016	BOKINALA SUBHASH	11	B. Subhash
17.	Y17BPH140017	BOLLU DIVYA DURGA	11	B. Divya Durga
18.	Y17BPH140018	BONTHU SANJANA	11	B. Sanjana
19.	Y17BPH140019	CHALASANI SRUTHI	11	C. Sruthi
20.	Y17BPH140020	CHANDRA LAKSHMI SHIRINI	11	C. Lakshmi Shirini
21.	Y17BPH140021	CHERUKURU SNIGDHA	11	C. Snigdha
22.	Y17BPH140022	CHETTY DEEPTHI	11	Ch. Deepthi
23.	Y17BPH140023	CHIDIRALA SANTHOSH KUMAR	11	C. Santhosh Kumar

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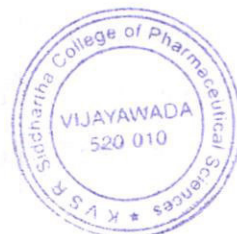
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24.	Y17BPH140024	CHIRUMAMILLA ASWINI	B. pharma (I) IV	C. Aswin
25.	Y17BPH140025	DASARAJU MOHANA NAGA RAJESWARI	D. Mohana naga Rajeswari	D. Mohana naga Rajeswari
26.	Y17BPH140026	DASARI MAMATHA	"	D. Mamatha
27.	Y17BPH140027	DEVARAPALLI ASHA RANI	"	D. Rani
28.	Y17BPH140028	E D E VENKATA GOPAL	"	E. Venkatt gopal
29.	Y17BPH140029	GANDRETI MAHA LAKSHMI MANASA	"	Lakshmi
30.	Y17BPH140030	GAYATRI KANCHERLA	"	G. Kancherla
31.	Y17BPH140031	GOBBI RAVI TEJA	"	G. Ravi teja
32.	Y17BPH140033	GOLLAVILLI SIRISHA	"	G. Sirisha
33.	Y17BPH140034	GORREPATI SWATHI	"	G. Swathi
34.	Y17BPH140035	GUNJA GOPALAKRISHNA	"	G. Gopalkrishna
35.	Y17BPH140036	GUNTHANALA MAHITHA	"	G. Mahitha
36.	Y17BPH140037	GUNTURU SPANDANA	"	G. Spandana
37.	Y17BPH140038	HARSHINI KASULA	"	H. Kasula
38.	Y17BPH140039	JAAHNAVI GORIPARTHI	"	Jahanni
39.	Y17BPH140040	JONNALA SAMYUKTHA	"	Samyuktha
40.	Y17BPH140041	KAMMA HEMANTH KUMAR	"	Kumar
41.	Y17BPH140042	KANCHARLAPALLI JAHNAVI	"	K. Jahnavi
42.	Y17BPH140043	KATTIKA KEERTHI	"	K. Keerthi
43.	Y17BPH140045	KODATI KARTHIK	"	Karthik
44.	Y17BPH140046	KODURU SOWJANYA	"	K. Sowjanya
45.	Y17BPH140047	KONDURI DIVYA	"	K. Divya
46.	Y17BPH140048	KOPPULA AKANKSHA	"	K. Akanksha
47.	Y17BPH140049	KRIHNSA DEEPIKA CHANUMOLU	"	K. Chanumolu
48.	Y17BPH140050	LAKSHMI HARIKA KELAM	"	L. Harika
49.	Y17BPH140051	MAJJI PADMA SREE	"	Padma
50.	Y17BPH140052	MANDAVA VENKATA JAGADISH	"	Nenkata

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51.	Y17BPH140053	MAREEDU AMARALINGESWARA RAO	Bpharm(II/IV)	Amara Lingesh
52.	Y17BPH140054	MEDISETTY LAKSHMI DURGA	"	Lakshmi
53.	Y17BPH140055	MONIKA DUVVI	"	Monika
54.	Y17BPH140057	NARAYANAPURAM PRANATHI SREE	"	Monika
55.	Y17BPH140058	NEELAKANTAM LIKHITHA	"	Likhitha
56.	Y17BPH140059	NEKKALAPUDI SARALA	"	Sarala
57.	Y17BPH140060	PAKKIRI RAJA RAJESWARI	"	Rajeswari
58.	Y17BPH140061	PAPPALA KISHORE NAIDU	"	Kishore
59.	Y17BPH140062	PARISA SUSMITHA SWAROOP	"	Susaroop
60.	Y17BPH140063	P PAVANA NAGA LAKSHMI SANKARI	"	Lakshmi
61.	Y17BPH140064	PERUMALLA VANYA RANI	"	Vanya
62.	Y17BPH140065	POLLA CHIHNI NITHA	"	Chihni Nitha
63.	Y17BPH140066	PUTCHAKAYALA NAGA SRI DEVI	"	Sri devi
64.	Y17BPH140067	PUTTI ANUSHA	"	Anusha
65.	Y17BPH140068	RAAVI SAI GOPI	"	Gopin
66.	Y17BPH140069	SANAGAPALLI NEERAJA	"	Neeraj
67.	Y17BPH140070	SAPPA TANYA SRI	"	Tanya
68.	Y17BPH140071	SHAHANAZ BEGUM	"	Shahanaz
69.	Y17BPH140072	SHAIK AMRIN	"	Amrin
70.	Y17BPH140073	SHAIK SALMA	"	Salma
71.	Y17BPH140074	SRI AMBA SAIHARSHITA PASUPULETI	"	Harshitha
72.	Y17BPH140075	SRI SUSHMA SAYINI	"	Sayini
73.	Y17BPH140076	SUDHESHNA MOKKAPATI	"	Sudheshna
74.	Y17BPH140077	SUPRIYA LAKSHMI BURADA	"	Lakshmi
75.	Y17BPH140078	SURYADEVARA PADMINI	"	Padmini
76.	Y17BPH140079	TADISETTI SAINAVYA	"	Navya
77.	Y17BPH140080	TALLURI GEETHA PRIYANKA	"	Priyanka



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78.	Y17BPH140081	TATIKONDA LAVANYA	Bpharm (I/IV)	Lavanya
79.	Y17BPH140082	TENALI SRAVAN KUMAR REDDY	"	Shovan
80.	Y17BPH140083	THOTA BHAGYA SREE	"	Bhagya
81.	Y17BPH140084	V.C.V.SIVA SAI	"	Sivasai
82.	Y17BPH140085	VANABATHINA HIMAJA	"	Himaja
83.	Y17BPH140086	VANKA LOHITHA RANI	"	Lohitha
84.	Y17BPH140087	VARANASI SRI VIDYA	"	Sreevidya
85.	Y17BPH140088	VELNATI KIRAN KUMAR	"	Kiran
86.	Y17BPH140089	VEMANA ANUSHA	"	Anusha
87.	Y17BPH140090	VIJJI DURGA PRASAD	"	Durga
88.	Y17BPH140091	VUSTHELA NINEESHA	"	Nineesha
89.	Y17BPH140092	VUYYURU SIRISHA	"	Sirisha
90.	Y17BPH140093	YARRA LAKSHMI HARIDEEP CHOWDARY	"	Harideep
91.	Y17BPH140094	YERRAMSHETTY SAI MADHAV	"	Sai Madhav



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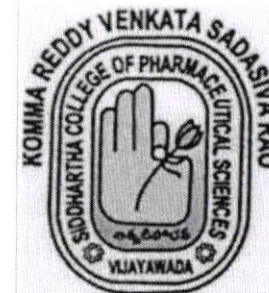
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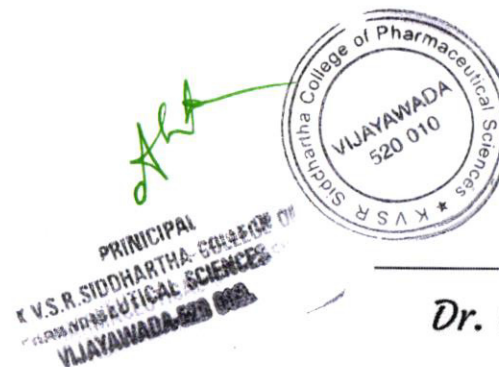


Certificate of participation

This is to certify that **Mr./Ms. Bathula Raghavendra, Regd. No. Y17BPH140011** of **II/IV B. Pharmacy** has participated in Skill Orientation Programme on **"Formulation and Evaluation of Different Dosage Forms"** from 05 April, 2019 to 30 April, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

G. Ramana

Dr. G. Ramana
Coordinator



G. Devala Rao
Dr. G. Devala Rao
Principal

Kommareddy Venkata Sadasiva Rao
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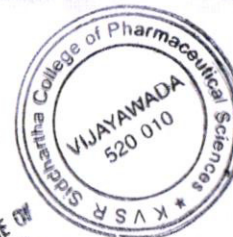
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This is to certify that **Mr./Ms. Bollu Divya Durga, Regd. No. Y17BPH140017** of II/IV B. Pharmacy has participated in Skill Orientation Programme on "Formulation and Evaluation of Different Dosage Forms" from 05 April, 2019 to 30 April, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Dr. G. Ramana

Dr. G. Ramana
Coordinator

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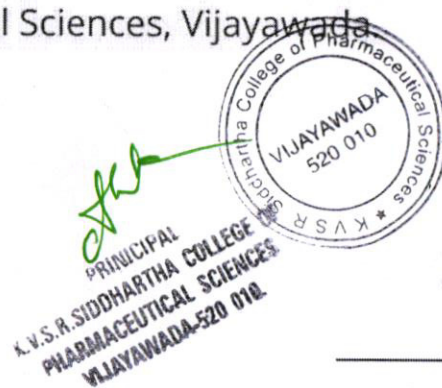
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This is to certify that **Mr./Ms. Shaik Amrin, Regd. No. Y17BPH140072** of **II/IV B. Pharmacy** has participated in Skill Orientation Programme on **"Formulation and Evaluation of Different Dosage Forms"** from 05 April, 2019 to 30 April, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Dr. G. Ramana
Coordinator



Dr. G. Devala Rao
Principal

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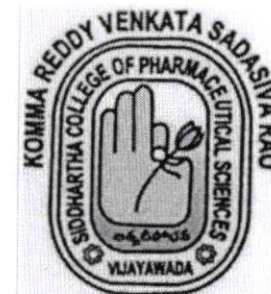
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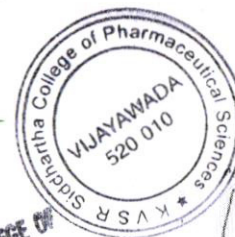
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This is to certify that **Mr./Ms. Konduri Divya**, Regd. No. **Y17BPH140047** of **II/IV B. Pharmacy** has participated in Skill Orientation Programme on "**Formulation and Evaluation of Different Dosage Forms**" from 05 April, 2019 to 30 April, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Ramana

Dr. G. Ramana
Coordinator

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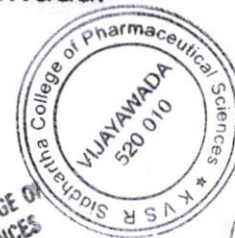


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This is to certify that **Mr./Ms. Majji Padma Sri, Regd. No. Y17BPH140051** of **II/IV B. Pharmacy** has participated in Skill Orientation Programme on **"Formulation and Evaluation of Different Dosage Forms"** from 05 April, 2019 to 30 April, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Dr. G. Ramana
Coordinator

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Dr. G. Devala Rao
Principal

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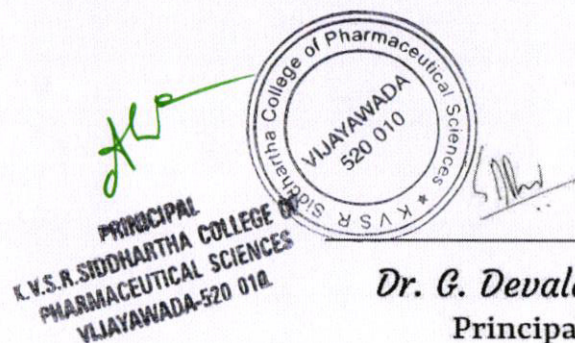


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This is to certify that **Mr./Ms. Boddapati Vennela, Regd. No. Y17BPH140015** of **II/IV B. Pharmacy** has participated in Skill Orientation Programme on **"Formulation and Evaluation of Different Dosage Forms"** from 05 April, 2019 to 30 April, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Ramana

Dr. G. Ramana
Coordinator



Dr. G. Devala Rao
Principal

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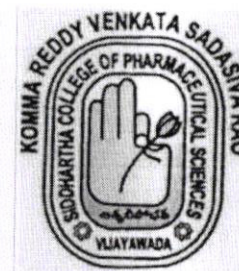
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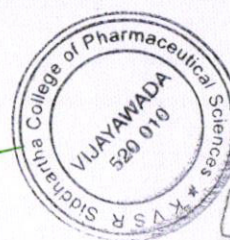


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This is to certify that **Mr./Ms. Baddigam Raja Sekhar Reddy, Regd. No. Y17BPH140010** of **II/IV B. Pharmacy** has participated in Skill Orientation Programme on **"Formulation and Evaluation of Different Dosage Forms"** from 05 April, 2019 to 30 April, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Dr. G. Ramana

Dr. G. Ramana
Coordinator



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Dr. G. Devala Rao
Principal

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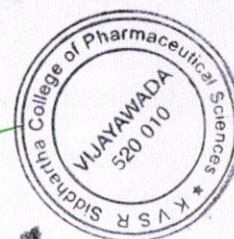


Certificate of participation

This is to certify that **Mr./Ms. Kandula Venkateswara Rao, Regd. No. Y17BPH140002** of **II/IV B. Pharmacy** has participated in Skill Orientation Programme on **"Formulation and Evaluation of Different Dosage Forms"** from 05 April, 2019 to 30 April, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Dr. G. Ramana
Coordinator

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Dr. G. Devala Rao
Principal

Kommareddy Venkata Sadasiva Rao
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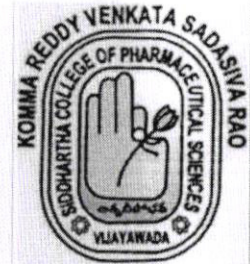
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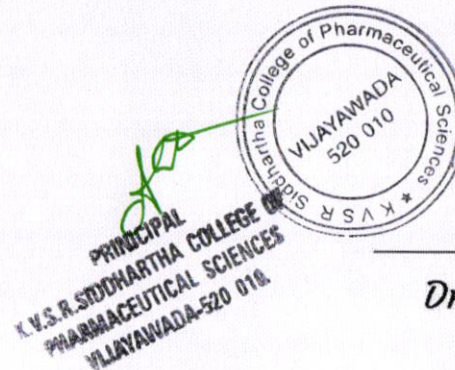
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Certificate of participation

This is to certify that **Mr./Ms. Parasaram Sai Krishna, Regd. No. Y17BPH140005** of **II/IV B. Pharmacy** has participated in Skill Orientation Programme on **"Formulation and Evaluation of Different Dosage Forms"** from 05 April, 2019 to 30 April, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Dr. G. Ramana
Coordinator



Dr. G. Devala Rao
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Kommareddy Venkata Sadasiva Rao
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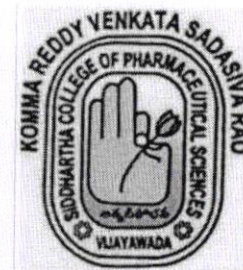
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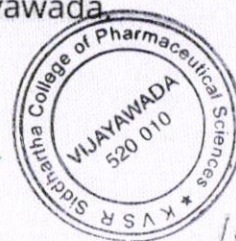


Certificate of participation

This is to certify that **Mr./Ms. Cherukuru Snigdha, Regd. No. Y17BPH140021** of **II/IV B. Pharmacy** has participated in Skill Orientation Programme on **"Formulation and Evaluation of Different Dosage Forms"** from 05 April, 2019 to 30 April, 2019 organized by the Department of Pharmaceutics & Biotechnology, KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Dr. G. Ramana
Coordinator

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Dr. G. Devala Rao
Principal



Tel: 0866-2479775

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**SKILL DEVELOPMENT PROGRAM ON "FORMULATION AND EVALUATION
OF DIFFERENT DOSAGE FORMS"**

(18-19/PBT-FED)

SYLLABUS

Objectives:

- Understand about formulation of various dosage forms
- Compare and contrast advantages and limitations of dosage forms
- Evaluation of solid, liquid and semisolid dosage forms.

**Module 1: Introduction: Significance of preformulation studies, Preformulations studies
on various drugs** **8h**

- a) Solubility and dissolution of drugs
- b) Stability aspects of drugs and stability testing procedures

Module 2: Formulation and Evaluation of solid dosage forms **4h**

- a) Tablet excipients
- b) Innovations in tablet dosage forms
- c) QC Tests for tablets
- d) Formulation, manufacture and QC tests for capsules

Module 3: Formulation and Evaluation of liquid oral dosage forms **6h**

- a) Formulation and evaluation of suspensions, emulsions and solutions.
- b) Stability of suspensions and emulsion preparations.

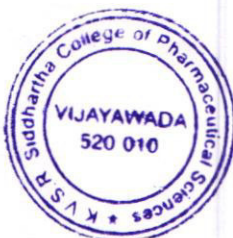
Module 4: Formulation and Evaluation of novel parenteral dosage forms **6h**

- a) Formulation and manufacturing of parenterals
- b) QC tests for parenterals
- c) Innovations in parenteral dosage forms

Module 5: Formulation and Evaluation of various cosmetic preparations **8h**

- a) Formulation of lipsticks, cold cream, vanishing cream and herbal based cosmetics
- b) QC tests for cosmetic preparations


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Program Co-ordinator



Tel: 0866-2479775

Kommareddy Venkata Sadasiva Rao
Siddhartha College of Pharmaceutical Sciences

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DETAILS OF THE PROGRAM

Type of the program	Certificate program
Academic Year	2018-2019
Name of the Program with Course ID:	FORMULATION AND EVALUATION OF DIFFERENT DOSAGE FORMS (18-19/PBT-FED)
Duration:	32 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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KVSR SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

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ANDHRA PRADESH, INDIA-520010



REPORT
CERTIFICATE PROGRAM
On

PHARMACOVIGILANCE

DATES: 11th Mar. 2019 to 27th Mar. 2019



ORGANIZED BY: DEPARTMENT OF PHARMACY PRACTICE

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PROGRAM REPORT

Name of the event: Certificate programme on “Pharmacovigilance”

Dates: 11-03-2019 to 27-03-2019

Resource person:

A. Ramaraju

CEO, Clini software solution

Contact number: 9846688809

Email: ramaraju76@gmail.com

Name of the coordinator: Dr. Vijaya Kumar. G

Organizing Secretary: M. Mahima Swaroopa

Number of students attended: 85

Venue: KVSr SCOPS Seminar Hall (A/C)

Objective of the program:

- For the safe use of drugs.
- For increasing patient safety.
- For ultimately safeguarding public health.

Program Schedule:

S.NO	COURSE CONTENT
1.	Introduction to Pharmacovigilance
2.	Introduction to the Pharma, Biotech & Medical Device industries
3.	Introduction to Adverse Events & Adverse Drug Reactions
4.	Pharmacovigilance Guidelines and Regulations
5.	Adverse Event Reporting Method
6.	Pharmacovigilance in India and National Pharmacovigilance Program
7.	Understanding on PV Databases
8.	Case Initiation, Triage & Processing of Individual Case Safety Reports (ICSRs)
9.	Training on Specific Event Scenarios
10.	Training on MedDRA & WHO Drug Coding conventions
11.	Expedited Reporting & Causality Assessment
12.	Narrative writing
13.	Aggregate Reporting (DSUR, PBRER, PADER), Signal Detection, RMP
14.	Compliance in Pharmacovigilance
15.	Qualified person for Pharmacovigilance (QPPV)



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Outcomes of the program:

Upon completion of this program students will have knowledge of

- ✓ Monitor Adverse Drug Reactions
- ✓ Create awareness amongst health care professionals about the importance of ADR reporting
- ✓ Monitor benefit- risk profile of marketed medicines
- ✓ Generate Evidence based information on safety of medicines.
- ✓ Communicate the safety information on use of medicines to various stakeholders to minimize the risk.
- ✓ Collaborate with other National centers for the exchange of information and data management.

CO-ORDINATOR
Dr G. Vijay Kumar



PRINCIPAL
Dr G. Devala Rao

PRINCIPAL
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Certificate programme on "Pharmacovigilance"

Date: 11th March, 2019 to 27th March 2019

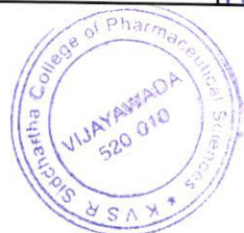
Batch: Y13PHARMD
Y14 PHARMD
Y15 PHARMD

Duration: 30hrs

NUMBER OF REGISTERED STUDENTS

S.No	Roll No	Name Of the Student	YEAR	SIGNATURE
1	Y13PHD140001	Anumolu monica	VI/VI PHARM.D	maina
2	Y13PHD140002	Gade Jhansi	VI/VI PHARM.D	Jhansi
3	Y13PHD140003	Gunda siva Prasad babu	VI/VI PHARM.D	G.P. Babu
4	Y13PHD140004	Kammeli sivadurga	VI/VI PHARM.D	Siva durga
5	Y13PHD140005	Kopuri pradeep kumar	VI/VI PHARM.D	Pradeep
6	Y13PHD140006	Mannam madhavi	VI/VI PHARM.D	M. Madhavi
7	Y13PHD140007	Nalluri lavanya	VI/VI PHARM.D	Lavanya
8	Y13PHD140008	Shaik mubeen taj	VI/VI PHARM.D	Taj
9	Y13PHD140009	Siddu venkateswara reddy	VI/VI PHARM.D	Venkat
10	Y13PHD140010	Vemireddy navya	VI/VI PHARM.D	Navya
11	Y13PHD140011	Akula Nandini	VI/VI PHARM.D	Nandini
12	Y13PHD140012	Barma likhitha sri	VI/VI PHARM.D	Likhitha
13	Y13PHD140013	Cheeday Sridhar	VI/VI PHARM.D	Sridhar
14	Y13PHD140014	Chimata poojitha	VI/VI PHARM.D	Poojitha
15	Y13PHD140015	Dwara usha deepthi	VI/VI PHARM.D	Deepthi
16	Y13PHD140016	Garnepudi avinash babu	VI/VI PHARM.D	Avinash
17	Y13PHD140017	Gollapudi sai kiran	VI/VI PHARM.D	Sai Kiran
18	Y13PHD140018	Harika Cherukuri	VI/VI PHARM.D	Harika
19	Y13PHD140019	Karra blessy	VI/VI PHARM.D	Blessy
20	Y13PHD140020	Kolusu Eswar Kumar	VI/VI PHARM.D	Eswar
21	Y13PHD140021	Maguluri yasaswi	VI/VI PHARM.D	Yasaswi
22	Y13PHD140022	Mandava haritha	VI/VI PHARM.D	Haritha
23	Y13PHD140023	Mandava Sushmitha	VI/VI PHARM.D	Sushmitha
24	Y13PHD140024	Patibandla Swetha	VI/VI PHARM.D	Swetha
25	Y13PHD140025	Pavuluri satya sree	VI/VI PHARM.D	Satya sree
26	Y13PHD140026	Ponnam Nikitha	VI/VI PHARM.D	Nikitha
27	Y13PHD140027	Sabbineni Sri Mallika	VI/VI PHARM.D	Mallika

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Certificate programme on "Pharmacovigilance"

Date: 11th March, 2019 to 27th March 2019

Batch: Y13PHARM
Y14 PHARM
Y15 PHARM

Duration: 30hrs

NUMBER OF REGISTERED STUDENTS

28	Y13PHD140028	Shaik Thabu Farhana	VI/VI PHARM.D	Farhana
29	Y14PHD140001	JIRRA INDRAJA	V/VI PHARM.D	Indraja
30	Y14PHD140002	KANCHARLA CHANDANA SRI	V/VI PHARM.D	Kilchandra
31	Y14PHD140003	MARADANI BRAHMI	V/VI PHARM.D	BRANDH
32	Y14PHD140004	SINGAM MALLIKARJUNA REDDY	V/VI PHARM.D	Mallikarjuna
33	Y14PHD140005	TADIKAMALLA GEETHIKA	V/VI PHARM.D	Geethika
34	Y14PHD140006	ADDEPALLI PUJITHA	V/VI PHARM.D	Pujitha
35	Y14PHD140007	ALAM MOUNIKA	V/VI PHARM.D	Mounika
36	Y14PHD140008	ARANGI DIVYA	V/VI PHARM.D	Divya
37	Y14PHD140009	BANDI YAMINI MANJUSHA	V/VI PHARM.D	Yamini
38	Y14PHD140010	BANTUPALLI SRAVANI JAYALAKSHMI	V/VI PHARM.D	Sravani
39	Y14PHD140011	BENDU DILEEP NAIDU	V/VI PHARM.D	Dileep Naidu
40	Y14PHD140012	BOLLA BHAVANI	V/VI PHARM.D	Bhavani
41	Y14PHD140013	GEDA DOLI SOWMYA	V/VI PHARM.D	Sowmya
42	Y14PHD140014	KANCHERLA HINDOLA	V/VI PHARM.D	Hindola
43	Y14PHD140015	KAVURI PAVANI JYOTHI	V/VI PHARM.D	Jyothi
44	Y14PHD140016	KILARU VINEETHA	V/VI PHARM.D	Vineetha
45	Y14PHD140017	KOLLI HANEESHA	V/VI PHARM.D	Haneesha
46	Y14PHD140018	KOMATLA SANDHYA	V/VI PHARM.D	Sandhya
47	Y14PHD140019	LALITHA SATYA THOTHADI	V/VI PHARM.D	Satya
48	Y14PHD140020	MALLAVARAPU LIKHITA	V/VI PHARM.D	Likhita
49	Y14PHD140021	MYNEEDU RAMYA SREE	V/VI PHARM.D	Ramya
50	Y14PHD140022	NIMMAGADDA SREE LAKSHMI	V/VI PHARM.D	Lakshmi
51	Y14PHD140023	NUTAKKI SIDDHARTHA	V/VI PHARM.D	Siddhartha
52	Y14PHD140024	PALADUGU NIKHILA	V/VI PHARM.D	Nikhila
53	Y14PHD140025	RAYITI RAMA KRISHNA	V/VI PHARM.D	Rama
54	Y14PHD140026	REDDY PRAVEEN	V/VI PHARM.D	Praveen
55	Y14PHD140028	SHAIK SAIRINNISHA	V/VI PHARM.D	Sairinnisha
56	Y14PHD140029	VAISHNAVI KALEPALLI	V/VI PHARM.D	Vaishnavi

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Certificate programme on "Pharmacovigilance"

Date: 11th March, 2019 to 27th March 2019

Batch: Y13PHARM
Y14 PHARM
Y15 PHARM

Duration: 30hrs

NUMBER OF REGISTERED STUDENTS

57	Y14PHD140030	VEERAMACHANENI SAHANA	V/VI PHARM.D	Sahana
58	Y15PHD140001	Lavu Vamsi Krishna	IV/VI PHARM.D	Vamsi
59	Y15PHD140002	Bandarupalli Ramya	IV/VI PHARM.D	Ramya
60	Y15PHD140003	Bolla Revathi	IV/VI PHARM.D	Revathi
61	Y15PHD140004	Chinthalapudi Manohar	IV/VI PHARM.D	Manohar
62	Y15PHD140005	Gajjala Dhamini Reddy	IV/VI PHARM.D	Dhamini
63	Y15PHD140006	Gajula Pavan Sai	IV/VI PHARM.D	Pavan Sai
64	Y15PHD140007	Ginni Naga Pushpa Latha	IV/VI PHARM.D	Naga Pushpa
65	Y15PHD140008	Gollapudi Yamini	IV/VI PHARM.D	Yamini
66	Y15PHD140009	Jaldi Hemanth	IV/VI PHARM.D	Hemanth
67	Y15PHD140010	Kambham Sri Lekhya Chowdary	IV/VI PHARM.D	Sri Lekhya
68	Y15PHD140011	Kanamarlapudi Keerthi	IV/VI PHARM.D	Keerthi
69	Y15PHD140012	Kasaraneni Bhavana	IV/VI PHARM.D	Bhavana
70	Y15PHD140013	Kodali Tanvija Sai	IV/VI PHARM.D	Tanvija
71	Y15PHD140014	Kondru Naga Akhila Bhuvaneswari	IV/VI PHARM.D	Akhila
72	Y15PHD140015	Koppula Sirisha	IV/VI PHARM.D	Sirisha
73	Y15PHD140016	Madala Bhavitha	IV/VI PHARM.D	Bhavitha
74	Y15PHD140017	Madala Chandana	IV/VI PHARM.D	Chandana
75	Y15PHD140018	Manoranjitha Pulivarthi	IV/VI PHARM.D	Pulivarthi
76	Y15PHD140020	Melike Sravani	IV/VI PHARM.D	Sravani
77	Y15PHD140021	Muthoju Mounica	IV/VI PHARM.D	Mounica
78	Y15PHD140022	Naga Prajwala Tata	IV/VI PHARM.D	Prajwala
79	Y15PHD140023	Paladugu Lahari	IV/VI PHARM.D	Lahari
80	Y15PHD140024	Pasupuleti Jairam Naidu	IV/VI PHARM.D	Jairam
81	Y15PHD140025	Rajagiri Triveni	IV/VI PHARM.D	Triveni
82	Y15PHD140026	Siginam Dharani.Siva Priya	IV/VI PHARM.D	Siva Priya
83	Y15PHD140027	Toleti Venkata Naga Vyshnavi Tejaswi	IV/VI PHARM.D	Vyshnavi
84	Y15PHD140028	Uppalapati Himabindu	IV/VI PHARM.D	Himabindu
85	Y15PHD140029	Uppalapati Sireesha	IV/VI PHARM.D	Sireesha

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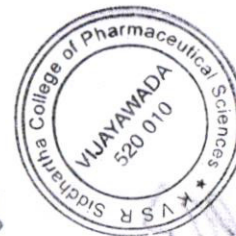


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Dr. G. Vijaya Kumar
co ordinator

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Dr. G. Devala Rao
Principal



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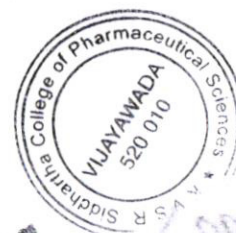


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co ordinator

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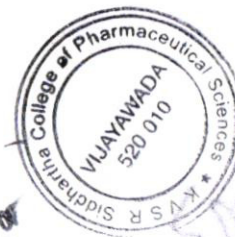
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Dr. G. Vijaya Kumar
co ordinator

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Dr. G. Devala Rao
Principal



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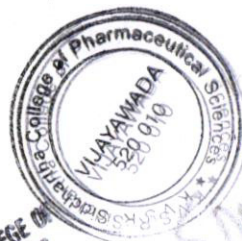


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co ordinator

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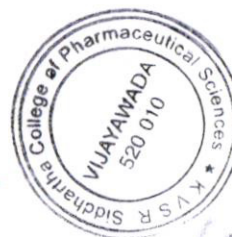


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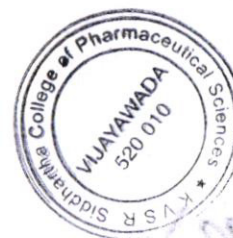


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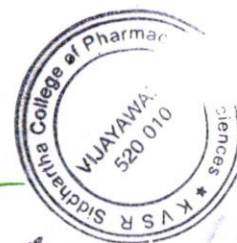
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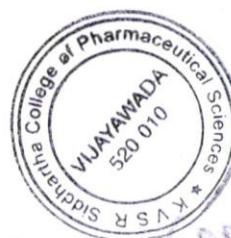


Certificate of Participation

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co ordinator

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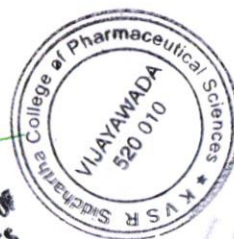


Certificate of Participation

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Dr. G. Devala Rao
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CERTIFICATE PROGRAMME ON "PHARMACOVIGILANCE"

(18-19/PHP-PHV)

SYLLABUS

Objectives:

- For the safe use of drugs.
- For increasing patient safety.
- For ultimately safeguarding public health.

Module 1: 6 hrs

1. Introduction to Pharmacovigilance
2. Introduction to the Pharma, Biotech & Medical Device industries
3. Introduction to Adverse Events & Adverse Drug Reactions

Module 2: 6 hrs

1. Pharmacovigilance Guidelines and Regulations
2. Adverse Event Reporting Method
3. Pharmacovigilance in India and National Pharmacovigilance Program

Module 3: 6hrs

1. Understanding on PV Databases
2. Case Initiation, Triage & Processing of Individual Case Safety Reports (ICSRs)
3. Training on Specific Event Scenarios

Module 4: 6hrs

1. Training on MedDRA & WHO Drug Coding conventions
2. Expedited Reporting & Causality Assessment
3. Narrative writing

Module 5: 6hrs

1. Aggregate Reporting (DSUR, PBRER, PADER), Signal Detection, RMP
2. Compliance in Pharmacovigilance
3. Qualified person for Pharmacovigilance (QPPV)

PRINCIPAL

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Program Co-ordinator

Professor & HOD
Department of Pharmacy Practice
KVSRSiddhartha College of
Pharmaceutical Sciences
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DETAILS OF THE PROGRAM

Type of the program	Certificate program
Academic Year	2018-19
Name of the Program with Course ID:	PHARMACOVIGILANCE (18-19/PHP-PHV)
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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PROGRAM COORDINATOR

Professor & HOD
Department of Pharmacy Practice
KVSr 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 ORIENTED PROGRAM
On
SCREENING METHODS

DATES: 11th Feb. 2019 to 6th Mar. 2019

ORGANIZED BY: DEPARTMENT OF PHARMACOGNOSY



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Web: www.kvsrsiddharthapharma.edu.in

Date; - 07/03/2019

PROGRAM REPORT
SKILL ORIENTATION CERTIFICATE PROGRAM ON
SCREENING METHODS

ORGANISED BY

DEPARTMENT OF PHARMACOGNOSY

Scope:

A short-term skill-orientation certificate program on "Screening Methods" shall provide practical training for I/IV 2nd Semester B. Pharmacy students.

Duration: - 11/02/2019 – 06/03/2019

Modules: 3

S. No.	Course Content	Didactic
1.1	Anti-Microbial Activity of Marketed Formulations	Practical
1.2	Anti-Microbial Activity of Herbal Extracts	Practical
2.1	Blood Sampling Techniques	Practical
2.2	Simulation Experiments	Practical
3.1	Analytical Techniques Used in Testing Biological Samples	Practical
3.2	Formulation and Evaluation of Herbal Shampoo.	Practical



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Resource Persons:

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

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

Dr.K.Chenchu Lakshmi . Assistant professor, KVSr SCOPS

Contact: 7386597870 E-mail: chenchu42@gmail.com

Dr.N.Kanaka Durga Devi,Associate Professor, KVSr SCOPS

Contact: -9392418336 E-mail: nelluriss@rediffmail.com

Dr.G.Nagabhushanam, Associate Professor, KVSr SCOPS

Contact:- 9951067030 E-mail: chnb137@gmail.com

Dr.T.Sarala , Assistant Professor , KVSr SCOPS

Contact: - 9849483034 E-mail: saraladevitangirala@gmail.com

- A total of 84 students registered in this Program and successfully complete it.

Programme Out Comes:

The participants gained knowledge in the following areas.

- Anti-Microbiological Activity of Marketed Formulations
- Anti-Microbiological Activity of Herbal Extracts
- Blood Sampling Techniques
- Simulation Experiments in Pharmacognosy
- Analytical Techniques Used in Testing Biological Samples
- Formulation and Evaluation of herbal shampoo


Dr. V. Karuna Sree

Programme Coordinator




Dr.G.Devala Rao

Principal


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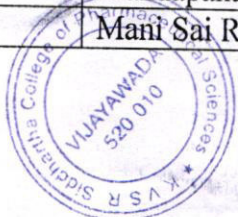
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Skill program on SCREENING METHODS
Student Enrollment list

S.No.	Roll No.	Name of the Student	Signature
1.	Y18BPH140001	Gade Sivaparvathi	Sivaparvathi
2.	Y18BPH140002	Harsan Suthar	Baderinath
3.	Y18BPH140003	Kaithepalli Badhrinath	Badhrinath
4.	Y18BPH140004	Kamineni Ravindranath	K.M. Ranga Babu
5.	Y18BPH140005	Kukkala Mohana Ranga Babu	Ranga
6.	Y18BPH140006	Mathi Sri Rahul	Aparna
7.	Y18BPH140007	Pothuri Aparna	P. Aparna
8.	Y18BPH140008	A Anuhya	Anuhya
9.	Y18BPH140009	Abhishikta Tangirala	Abhishikta
10.	Y18BPH140010	Akumarthi Prashanthi	Prashanthi
11.	Y18BPH140011	Akunuru Sasikanth	Phangasri
12.	Y18BPH140012	Aluri Dhanya Sri	Sri De
13.	Y18BPH140013	Atla Lakshmi Jayasree	Absent
14.	Y18BPH140014	Bojja Revanth	Rangababu
15.	Y18BPH140015	Bolisetty Pooja Sree	Pooja
16.	Y18BPH140016	Chadalavada Sathish Kumar	SATHISH
17.	Y18BPH140017	Chagantipati Surekha	Surekha
18.	Y18BPH140018	Dhadala Pravachana	Pravachana
19.	Y18BPH140019	Dodda Balayogi	Dodda Balayogi
20.	Y18BPH140020	Doddaka Nagadeepthi	Nagadeepthi
21.	Y18BPH140021	Dondapati Anusha	Anusha
22.	Y18BPH140022	Ganganaboyina Rahul Krishna	G. Rahul
23.	Y18BPH140023	Gantasala Hari Krishna	Hari Krishna
24.	Y18BPH140024	Gudiseva Sucharitha	Sucharitha
25.	Y18BPH140025	Gutta Shilpa	Shilpa
26.	Y18BPH140026	Haridasu Bhavyasri	Bhavyasri
27.	Y18BPH140027	Haripriya Tadi	Haripriya Tadi
28.	Y18BPH140028	Jalluri Siri Venkata Siddhartha	Venkata
29.	Y18BPH140029	Kadapa Murali Krishna	K. Murali Krishna
30.	Y18BPH140030	Kadavakollu Venkata Sai Priya	V.S. Priya
31.	Y18BPH140031	Kakumanu Harika	Harika
32.	Y18BPH140032	Kallam Aravind Sai Reddy	Sai
33.	Y18BPH140033	Kambampati Lakshmi Narayana	Narayana
34.	Y18BPH140034	Kankanampati Krishna Tulasi	Tulasi
35.	Y18BPH140035	Karre Manasa	Manasa
36.	Y18BPH140036	Ketuboyina Sravani	Sravani
37.	Y18BPH140037	Konda Krishnaveni Reddy	Krishnaveni
38.	Y18BPH140038	Kovelamudi Keerthi Dwaraka	Keerthi
39.	Y18BPH140039	Kurangi Yogesh	Yogesh
40.	Y18BPH140040	Lavuri Siva Nagaraju	Siva
41.	Y18BPH140041	Manda Nagamani	Nagamani
42.	Y18BPH140042	Mandapaka Vasanthi	Vasanthi
43.	Y18BPH140043	Mani Sai Raja Sri Nitish Jillella	Sai Raja



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44.	Y18BPH140044	Meka Harshavardhan	M. Harshavardhan
45.	Y18BPH140045	Mitta Keerthana	M. Keerthana
46.	Y18BPH140046	Munjuluri Harshitha	M. Harshitha
47.	Y18BPH140047	Mutte Jahnvi Sri	M. Jahnvi Sri
48.	Y18BPH140048	Myneedu Kavya Sree	Myneedu Kavya Sree
49.	Y18BPH140049	Nagayalanka Nagamani	Nagayalanka Nagamani
50.	Y18BPH140050	Nallajeru Mounika	Nallajeru Mounika
51.	Y18BPH140051	Nandipati Asmitha Reddy	Nandipati Asmitha Reddy
52.	Y18BPH140052	Nayani Bhavana	Nayani Bhavana
53.	Y18BPH140053	Neeharika Lemati	Neeharika Lemati
54.	Y18BPH140054	Pallagani Ajay	Pallagani Ajay
55.	Y18BPH140055	Palli Ajay Kumar	Palli Ajay Kumar
56.	Y18BPH140056	Pathakoti Vandana	Pathakoti Vandana
57.	Y18BPH140057	Patibandla Sravani	Patibandla Sravani
58.	Y18BPH140058	Pavuluri Amar	Pavuluri Amar
59.	Y18BPH140059	Pechetti Durga Bhavani	Pechetti Durga Bhavani
60.	Y18BPH140060	Pinapaka Sai Sri Raajitha	Pinapaka Sai Sri Raajitha
61.	Y18BPH140061	Pothuri Poojitha	Pothuri Poojitha
62.	Y18BPH140062	Pragada Durga Kalyani	Pragada Durga Kalyani
63.	Y18BPH140063	Raavi Jashwanthi	Raavi Jashwanthi
64.	Y18BPH140064	Sayana Sai Nitish	Sayana Sai Nitish
65.	Y18BPH140065	Shaik Anwar Sadiq	Shaik Anwar Sadiq
66.	Y18BPH140066	Shaik Basha	Shaik Basha
67.	Y18BPH140067	Shaik Karishma Kowsar	Shaik Karishma Kowsar
68.	Y18BPH140068	Shaik Sajana	Shaik Sajana
69.	Y18BPH140069	Shaik Salam	Shaik Salam
70.	Y18BPH140070	Sravanthi Thommandru	Sravanthi Thommandru
71.	Y18BPH140071	Sunkara Nikhitha	Sunkara Nikhitha
72.	Y18BPH140072	Tammina Chandra Lekha	Tammina Chandra Lekha
73.	Y18BPH140073	Thota Manichandana	Thota Manichandana
74.	Y18BPH140074	Tumu Divya Sri	Tumu Divya Sri
75.	Y18BPH140075	Uppuluri Jagadish	Uppuluri Jagadish
76.	Y18BPH140076	Vemugunta Naga Vineesha	Vemugunta Naga Vineesha
77.	Y18BPH140077	Venigalla Pallavi Chowdary	Venigalla Pallavi Chowdary
78.	Y18BPH140078	Venkata Bhumika Bandi	Venkata Bhumika Bandi
79.	Y18BPH140079	Vicharapu Naga Venkata Kalyan	Vicharapu Naga Venkata Kalyan
80.	Y18BPH140080	Vyshnavisaimalavika Vallabhaneni	Vyshnavisaimalavika Vallabhaneni
81.	Y18BPH140081	Yarrapothu Juhi Nirmala	Yarrapothu Juhi Nirmala
82.	Y18BPH140082	Yasaswitha Srujana Gannu	Yasaswitha Srujana Gannu
83.	Y18BPH140083	Yendamuri Mounika	Yendamuri Mounika
84.	Y18BPH140084	Sravathi Talluri	Sravathi Talluri
85.	Y18BPH140085	Ummidi Deepika	Ummidi Deepika



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Signature of Staff in charge



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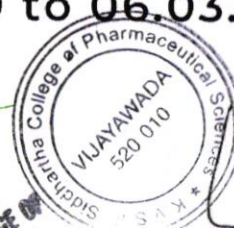


CERTIFICATE OF PARTICIPATION

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Participated in Skill Orientation Program on "SCREENING METHODS "
Organized by the Department of Pharmacognosy, KVSR Siddhartha College
of Pharmaceutical Sciences from 11.02.2019 to 06.03.2019.

Dr. V. Karuna Sree
Programme coordinator

Signature
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Dr. G. Devala Rao
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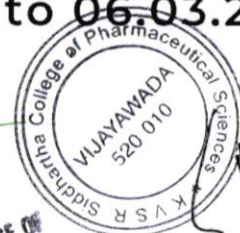
CERTIFICATE OF PARTICIPATION

G. Shilpa

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Programme coordinator

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Dr. V. Karuna Sree
Programme coordinator

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Dr. G. Devala Rao
Principal



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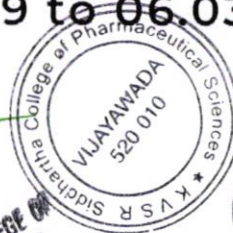


CERTIFICATE OF PARTICIPATION

This is to certify that Mr./ Miss..... *Sk. Basha*has
Participated in Skill Orientation Program on "SCREENING METHODS "
Organized by the Department of Pharmacognosy, KVSR Siddhartha College
of Pharmaceutical Sciences from 11.02.2019 to 06.03.2019.

Dr. V. Karuna Sree
Programme coordinator

Signature
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KVSR SIDDHARTHA COLLEGE OF
PHARMACEUTICAL SCIENCES
VIJAYAWADA-520 010



Dr. G. Devala Rao
Principal



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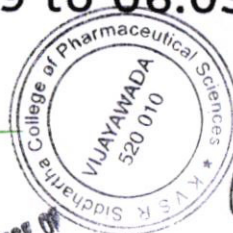


CERTIFICATE OF PARTICIPATION

This is to certify that Mr./ Miss..... *S.Sai Nitish*has
Participated in Skill Orientation Program on "SCREENING METHODS "
Organized by the Department of Pharmacognosy, KVSR Siddhartha College
of Pharmaceutical Sciences from 11.02.2019 to 06.03.2019.

Dr. V. Karuna Sree
Programme coordinator

Signature
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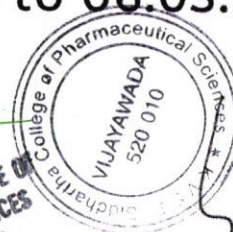


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This is to certify that Mr./ Miss.....*T.Sravanthi*.....has
Participated in Skill Orientation Program on "SCREENING METHODS"
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of Pharmaceutical Sciences from 11.02.2019 to 06.03.2019.

Dr. V. Karuna Sree
Programme coordinator

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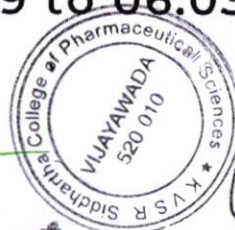


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This is to certify that Mr./ Miss.....*K. Murali Krishna*.....has
Participated in Skill Orientation Program on "SCREENING METHODS"
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of Pharmaceutical Sciences from 11.02.2019 to 06.03.2019.

Dr. V. Karuna Sree
Programme coordinator

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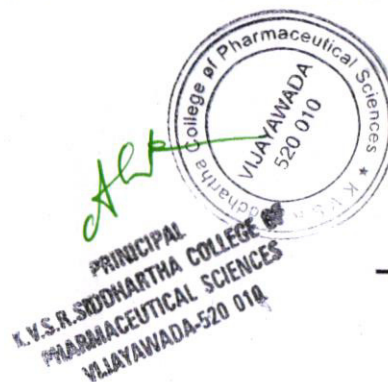
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This is to certify that Mr./ Miss.....*T. Divya Sri*.....has
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Dr. V. Karuna Sree
Programme coordinator



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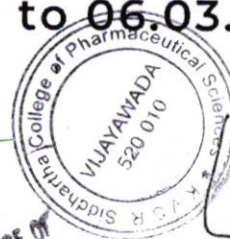


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This is to certify that Mr./ Miss.....*K. Manasa*.....has
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of Pharmaceutical Sciences from 11.02.2019 to 06.03.2019.

Dr. V. Karuna Sree
Programme coordinator

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Dr. G. Devala Rao
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Tel: 0866-2479775

Kommareddy Venkata Sadasiva Rao
Siddhartha College of Pharmaceutical Sciences

Siddhartha Nagar, Vijayawada - 520010, AP, INDIA
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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 "SCREENING METHODS"

(18-19/PCG-SCM)

SYLLABUS

Objectives:

- To Evaluate the Anti-Microbial Activity of marketed formulations & Extracts
- To provide basic knowledge on Analytical techniques of Biological Samples
- To Evaluate herbal formulations

Module 1: Pharmacological Activity

12h

- Anti-Microbiological Activity of Marketed Formulations
- Anti-Microbiological Activity of Herbal Extracts

Module 2: Biological Screening methods

12h

- Blood Sampling Techniques
- Simulation Experiments in Pharmacognosy

Module 3: Evaluation Methods & Techniques

10h

- Analytical Techniques Used in Testing Biological Samples
- Formulation and Evaluation of herbal shampoo


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Program Co-ordinator



Tel: 0866-2479775

Komma Reddy Venkata Sadasiva Rao
Siddhartha College of Pharmaceutical Sciences

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E-mail : kvsrsiddharthapharma@gmail.com

Web: www.kvsrsiddharthapharma.edu.in

DETAILS OF THE PROGRAM

Type of the program	Certificate program
Academic Year	2018-2019
Name of the Program with Course ID:	SCREENING METHODS (18-19/PCG-SCM)
Duration :	34 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

2018-19

43 PCL-AMM

KVSR SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

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



REPORT
SKILL DEVELOPMENT PROGRAM
On

ANIMAL BEHAVIORAL MODELS IN MODERN TRANSLATIONAL RESEARCH

DATES: 7th Dec. 2018 to 24th Dec. 2018

ORGANIZED BY: DEPARTMENT OF PHARMACOLOGY



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Date: 26-12-2018

PROGRAM REPORT

Name of the event: Skill development programme on "ANIMAL BEHAVIOURAL MODELS IN MODERN TRANSLATIONAL RESEARCH"

Dates: 07-12-2018- 24-12-2018

Resource person:

Dr.Nagabhushanam

Assistant Professor, Department of Pharmacology,
KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada
Email id: chnb137@gmail.com
Contact number: 9951067030

Name of the coordinator: Dr.G. Devala rao

Organizing Secretary: Dr.G.Vijaya Kumar

Number of students attended: 83

Venue: Pharmacology lab,

Objective of the program:

To make students understand and gain knowledge on **ANIMAL BEHAVIOURAL MODELS IN MODERN TRANSLATIONAL RESEARCH**

Topics covered:

OECD GUIDELINES
HISTORY OF ANIMAL TESTING
CPCSEA GUIDELINES
DRAFTING OF FORM B IN CONDUCTING EXPERIMENTS
EXPERIMENTAL RESEARCH TECHNIQUES IN NEUROPHARMACOLOGY
INTERNATIONAL GUIDELINES IN FUNDING OPPORTUNITIES

Outcomes of the program:

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

OECD GUIDELINES
HISTORY OF ANIMAL TESTING
CPCSEA GUIDELINES
DRAFTING OF FORM B IN CONDUCTING EXPERIMENTS
EXPERIMENTAL RESEARCH TECHNIQUES IN NEUROPHARMACOLOGY
INTERNATIONAL GUIDELINES IN FUNDING OPPORTUNITIES


PROGRAMME COORDINATOR




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ORGANISING SECRETERY

DAY 5-6 : CPSCEA GUIDELINES

The aim of the "Committee for the Purpose of Control and Supervision on Experiments on Animals" (CPCSEA) Guidelines is to promote the humane care of animals used in biomedical and behavioural research, and testing with the basic objective of providing specifications that will enhance animal well-being, quality in the pursuit of advancement of biological knowledge that is relevant to humans and animals. In India, a huge number of animals are used for conducting various experiments and researches. 'Good Laboratory Practices' (GLP) for animal facilities is intended to assure quality maintenance and safety of animals used in laboratory studies while conducting biomedical and behavioural research, and testing of products.

Hence, for proper and humanitarian use of animals in various experiments and researches, the Government of India on December 15, 1998 has constituted the CPCSEA under the 'Ministry of Social Justice & Empowerment'.

It is expected that research scientists use this document as the baseline information to follow procedures in their experiments involving various species of animals.

DAY 7-9 : DRAFTING OF FORM.D IN CONDUCTING EXPERIMENTS

Application to be submitted to the CPCSEA, New Delhi after approval of Institutional Animal Ethics Committee (IAEC).

It contains section 1 and section 2

Section 1 has Name and address of establishment, Registration number and date of registration. Name, address and registration number of breeder from which animals acquired (or to be acquired) for experiments mentioned in parts B & C, Place where the animals are presently kept (or proposed to be kept), Place where the experiment is to be performed (Please provide CPCSEA Reg. Number), Date and Duration of experiment.

Section 2:



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PROGRAMME REPORT

Day 1: OECD GUIDELINES

OECD stands for organisation for economic co-operation and development. The mission of Organisation for Economic Co-operation and development is to promote policies that will improve the economic and social well-being of people around the world. Works with governments to understand what drives economic, social, and environmental change. Set international standards on a wide range of things from agricultural and tax to the safety of the chemicals.

DAY 2-4 : HISTORY OF ANIMAL TESTING

Animal testing, also known as animal experimentation, animal research, and *in vivo* testing, is the use of non-human animals in experiments that seek to control the variables that affect the behaviour or biological system under study. This approach can be contrasted with field studies in which animals are observed in their natural environments or habitats. Experimental research with animals is usually conducted in universities, medical schools, pharmaceutical companies, defence establishments, and commercial facilities that provide animal-testing services to the industry. The focus of animal testing varies on a continuum from pure research, focusing on developing fundamental knowledge of an organism, to applied research, which may focus on answering some questions of great practical importance, such as finding a cure for a disease. Examples of applied research include testing disease treatments, breeding, defence research, and toxicology, including cosmetics testing. In education, animal testing is sometimes a component of biology or psychology courses. The practice is regulated to varying degrees in different countries.

The earliest references to animal testing are found in the writings of the Greeks in the 2nd and 4th centuries BCE. Aristotle and Erasistratus were among the first to perform experiments on living animals. Galen, a 2nd-century Roman physician, performed *post-mortem* dissections of pigs and goats.¹ Avenzoar, a 12th-century Arabic physician in Moorish Spain introduced an experimental method of testing surgical procedures before applying them to human patients.



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Protocol form for research proposals to be submitted to the Institutional Animal Ethics Committee/ CPCSEA, for new experiments or extensions of ongoing experiments using animals.

DAY 10-12 : EXPERIMENTAL RESEARCH TECHNIQUES IN NEURO-PHARMACOLOGY

Neuropharmacology is the study of the effects of drugs on the nervous system, with the goal of developing compounds that offer therapeutic benefit in humans with psychiatric and neurological disease. We believe that an understanding of a drug's action requires an integrated knowledge of the cellular and molecular mechanisms by which the drug exerts its effects upon brain circuitry and ultimately human behaviour.

Consequently, the research conducted within the department encompasses many aspects of modern molecular and cellular neuroscience taking full advantage of modern research techniques such as opto-genetics, high-resolution cellular imaging, STEM cell biology and electrophysiology.

OPTO-GENETICS:

optogenetics, experimental method in biological research involving the combination of optics and genetics in technologies that are designed to control (by eliciting or inhibiting) well-defined events in cells of living animal tissue.

HIGH RESOLUTION CELLULAR ENGINEERING:

The cellular engineering is mainly associated with the modifications and alterations of host cells for enhancing the yield and quality of the expressed protein. There are several approaches for altering the cellular processes such as silencing or overexpressing of targeted genes and altering expression of genes using microRNA (miRNA).

DAY 13-14 : INTERNATIONAL GUIDELINES IN FUNDING OPPORTUNITIES

A grant is awarded based on a proposal made by an applicant to the contracting authority (usually in the frame of a call for proposals). The action to be covered by the grant must be clearly defined by the applicant in their proposal. Once the grant is awarded, the applicant becomes the grant beneficiary, is responsible for the implementation of action and its own results.

MODES OF MANAGEMENT:



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Direct management

When we directly manage grants, we fill the role of the contracting authority, which means that we are responsible for the entire award procedure, from the publishing of calls for proposals to the award decisions, signing of the grant contracts, and monitoring of their implementation.

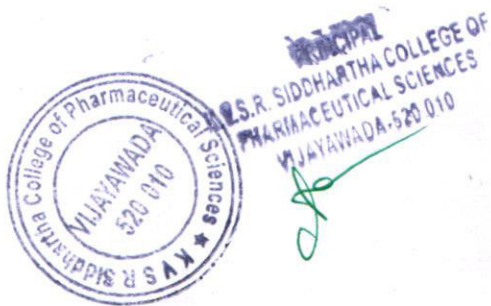
Calls for proposals and grants under direct management are subject to the prior publication of a related work programme.

Indirect management

Indirect grant management means that we have concluded a financing agreement with a third party (for example, the government of a partner country) which fills the role of the contracting authority, while we perform prior authorisation controls of the main steps of the procedure.

In most cases, the contracting authority must submit to us the details of the proposed grants and, where required, the draft grant contracts for endorsement. They also need to notify us once grant contracts are signed.

In exceptional cases, the contracting authority does not need prior authorisation from us to award a grant.





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A.Y: 2018-19

REGISTERED CANDIDATES
Animal Behavioral Models in Modern translational Research

(Dates: 07-12-2018 to 24-12-2018)

S.No	Roll no.	Name of the Student	Signature
1.	Y16BPH140001	BATCHU KOUSHIK	B. Koushik
2.	Y16BPH140002	GARIMELLA HARIKA	Harika
3.	Y16BPH140003	GOKARAJU ADITYA VARMA	Aditya Varma
4.	Y16BPH140004	KADIMELLA ALLAUDDIN RAJU	Allaudeen
5.	Y16BPH140005	KALI RAJESH	Rajesh
6.	Y16BPH140006	PILLA SIVANI	Sivani
7.	Y16BPH140007	ADDAKATTU TEJASWINI	A. Tejaswini
8.	Y16BPH140008	AGARTHI NAGA ABHINAV	Abhinav
9.	Y16BPH140009	AKUMALLA KHAN BABU	Khan
10.	Y16BPH140010	ANNAPUREDDY SUDHEER BABU	Sudheer babu
11.	Y16BPH140011	BALAGAM MOUNIKA	Mounika
12.	Y16BPH140012	BATHULA SIRISHA	B. Sirisha
13.	Y16BPH140013	BEZAWADA ANUSHA	Anusha
14.	Y16BPH140014	BODDU MEHER RAVINDRANATH	B. Meher Ravindranath
15.	Y16BPH140015	BOMMAREDDY HANEESH REDDY	B. Haneesh
16.	Y16BPH140016	BOOTHAPATI SUDHA RANI	Sudha Rani
17.	Y16BPH140017	BUDIGA VENKATA DURGA SAI PAVAN	
18.	Y16BPH140018	CHAKKA DURGA PRAVALLIKA	Pravallika
19.	Y16BPH140019	CHANUMOLU HARSHA SAI	Harsha C
20.	Y16BPH140020	CHINTHALACHERUVU SRAVANI	Sravani
21.	Y16BPH140021	CHUKKA LALITHA SAGAR	Sagar
22.	Y16BPH140022	DAMARLA PHANIDEEP NAIDU	Phanideep
23.	Y16BPH140023	DASARI SRAVANI	Dasari. Sravani
24.	Y16BPH140024	DESU VENKAT HARI KUMAR	Venkat
25.	Y16BPH140025	DEVARAPALLI DIVYA	Divya
26.	Y16BPH140026	DEVIREDDY SIRISHA	Sirisha
27.	Y16BPH140027	GANGAVARAPU SANDHYA RANI	Sandhya Rani
28.	Y16BPH140028	GANNAVARAPU ROHIT	Rohit
29.	Y16BPH140029	GARIKAPATI SAI TEJA	Sai Teja
30.	Y16BPH140030	GORRELA VASANTHI	gorrela. vasanthi



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31.	Y16BPH140031	GOURU AKHIL	Akhil
32.	Y16BPH140032	GUGULOTHU HARIS CHANDRA NAIK	chandra naik
33.	Y16BPH140033	GULLAPALLI YAMINI	Yamini
34.	Y16BPH140034	GUNTUPALLI THANU SRI	G. Thanu Sri
35.	Y16BPH140035	HEENA FIRDOUS	Heena Firdous
36.	Y16BPH140036	JASTI GANESH KUMAR	J. Ganesh Kumar
37.	Y16BPH140037	KALAVAKOLLU NAGA MALLESWARI	K. Malleswari
38.	Y16BPH140038	KALLURI VIJAYASREE	Vijayasree
39.	Y16BPH140039	KAMBHAMPATI ROHITH	K. Rohith
40.	Y16BPH140040	KARIMSETTI LOKESWARI	K. Lokeswari
41.	Y16BPH140041	KATRU POOJITHA	Poojitha
42.	Y16BPH140042	KOLLI SUHAS REDDY	K. Suhas Reddy
43.	Y16BPH140043	KOMARABATTINA BUELA GRACE	K. Grace
44.	Y16BPH140044	KOMARALA NARENDRA BABU	K. Narendra Babu
45.	Y16BPH140046	KOTARU KARTHIK	Karthik
46.	Y16BPH140047	KURRA SINDHU PRIYA	Sindhupriya
47.	Y16BPH140048	LIKHITHA GUDAPATI	Likhitha G.
48.	Y16BPH140049	MALLAMPATI SAI SREE	M. Sai Sree
49.	Y16BPH140050	MANNE NAVYA TEJA SREE	Navya
50.	Y16BPH140051	MEDA SRAVYA	Sravya
51.	Y16BPH140052	MEKALA ALEKHYA	Alekhy
52.	Y16BPH140053	MOHAMMAD AMREEN SUHANA	Md. Suhana
53.	Y16BPH140054	MOHAMMED NIZAMUDDIN	Nizamuddin
54.	Y16BPH140055	MUNNANGI SUKANYA	Sukanya
55.	Y16BPH140056	MURAPALA VIVEK	M. Vivek
56.	Y16BPH140057	NARAYANAM OOHAS SESHASAI	N. Oohas
57.	Y16BPH140058	NUNNA NAVYA SREE SAI	N. Navya Sree Sai
58.	Y16BPH140059	PALLEM SANTHI	Santhi
59.	Y16BPH140060	PALUTLA SAI PRAVALLIKA	P. Pravallika
60.	Y16BPH140061	PASUPULETI NAVYASREE	Navya
61.	Y16BPH140062	PATIBALLA VENKATA NAGA SAI BINDU MADHAVI	

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62.	Y16BPH140063	PAVANI TALASILA	Talasila Pavani
63.	Y16BPH140064	PENCHIKALA NAGA PAVANI	P. Naga Pavani
64.	Y16BPH140065	PIDUGU VENKATA RAVI KIRAN	Kiran
65.	Y16BPH140066	PODILI RUNESH	P. Runesh
66.	Y16BPH140067	POWDURI THARUN	Tharun
67.	Y16BPH140068	PUNUGUPATI ROJA	R. Roja
68.	Y16BPH140070	RAVULAPATI HARSHA NANDINI	R. Harsha Nandini
69.	Y16BPH140071	RAYAPUDI MAHESH KUMAR	Maheesh
70.	Y16BPH140072	SARABU KAMALA	Kamala
71.	Y16BPH140073	SURAYYA ZABEEN	Zabeen
72.	Y16BPH140074	SUSMITH MANINDRA KUNDURU	Sushmitha
73.	Y16BPH140075	TABETI RATNA DEEPIKA	T. Ratna Deepika
74.	Y16BPH140076	TADIKAMALLAHEMALATHA	T. Hemalatha
75.	Y16BPH140078	THOTA JASMINE	Jasmine
76.	Y16BPH140079	UPPALAPATI KARTHIK	V. Karthik
77.	Y16BPH140080	VANKA JOGENDRA BABU	Jogendra Babu
78.	Y16BPH140081	VARDHINENI AKASH	Akash
79.	Y16BPH140082	VASEEMUNNISA MOHAMMAD	Vaseemunnisa
80.	Y16BPH140083	VEGESNA ANJANI GAYATHRI	V. Gayathri
81.	Y16BPH140084	VEMULA NEERAJ	V. Neeraj
82.	Y16BPH140085	VEMURI LAKSHMI POOJITHA	Poojitha Vemuri
83.	Y16BPH140086	VEMURI RUPA SREE DEVI	V. Rupa
84.	Y16BPH140087	VEMURU TEJASWI VENKATA NAGASAIVISHNUPRIYA	V. Tejaswi Venkata Naga Sai Vishnu Priya
85.	Y16BPH140088	VINUKONDA YASWANTH	Yaswanth
86.	Y16BPH140089	JALIPARTHI VENKATA ALEKHYA	Alekhyas



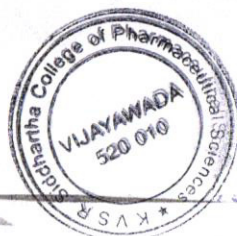
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CERTIFICATE OF PARTICIPATION

This is to certify that M. ALEKHYA of
III B. PHARMACY has participated in skill development programme
on "Animal Behavioral Models in Modern Translational Research"
from 07.12.2018 to 24.12.2018 organized by Department of
Pharmacology, KVSr Siddhartha College of Pharmaceutical
Sciences, Vijayawada, Andhra Pradesh, India.

Signature
ORGANIZING SECRETARY
DR. G. VIJAYA KUMAR

Signature
PROGRAMME DIRECTOR
DR. G. DEVALA RAO
PRINCIPAL



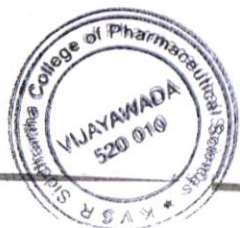
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PHARMACEUTICAL SCIENCES
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This is to certify that K. SINDHU PRIYA of
III B. PHARMACY has participated in skill development programme
on "Animal Behavioral Models in Modern Translational Research"
from 07.12.2018 to 24.12.2018 organized by Department of
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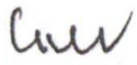

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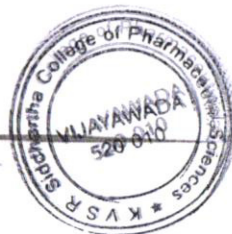

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This is to certify that G. YAMINI of
III B. PHARMACY has participated in skill development programme
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from 07.12.2018 to 24.12.2018 organized by Department of
Pharmacology, KVSRR Siddhartha College of Pharmaceutical
Sciences, Vijayawada, Andhra Pradesh, India.


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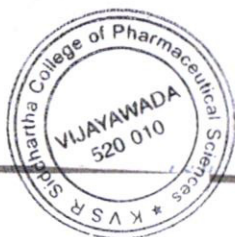

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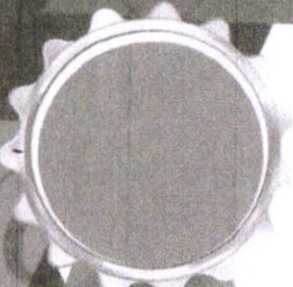
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PROGRAMME DIRECTOR
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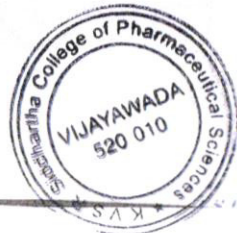


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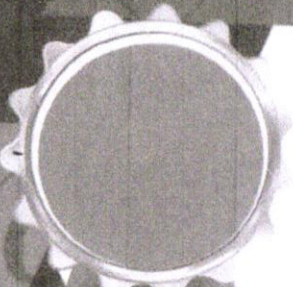
This is to certify that D. SIRISHA of
III B. PHARMACY has participated in skill development programme
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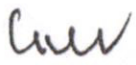



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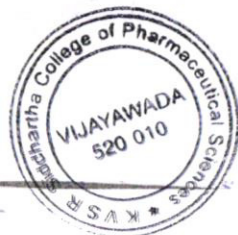


CERTIFICATE OF PARTICIPATION

This is to certify that CH. HARSHA SAI of
III B. PHARMACY has participated in skill development programme
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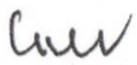

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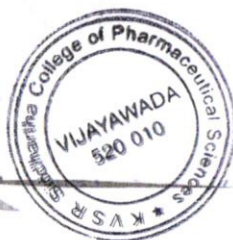

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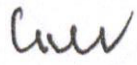

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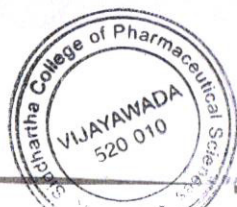

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This is to certify that P. SIVANI of
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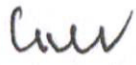

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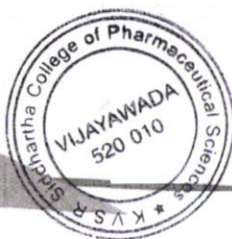

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This is to certify that G. HARIKA of
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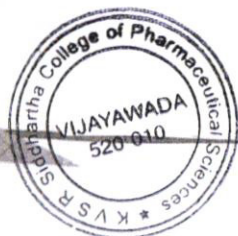

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This is to certify that B. KOUSHIK of III B. PHARMACY has participated in skill development programmes on "Animal Behavioral Models in Modern Translational Research" from 07.12.2018 to 24.12.2018 organized by Department of Pharmacology, KVSRR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.

GVK
ORGANIZING SECRETARY
DR. G. VIJAYA KUMAR

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PROGRAMME DIRECTOR
DR. G. DEVALA RAO
PRINCIPAL



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Tel: 0866-2479775

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ANIMAL BEHAVIORAL MODELS IN MODERN TRANSLATIONAL RESEARCH

18-19 / PCL – AMM

SYLLABUS

Objectives:

1. To know about OECD guidelines
2. To obtain data regarding history of animal testing
3. To gather information regarding CPCSEA
4. To evaluate various screening methods of experimentation
5. To know about funding opportunities

Module 1: OECD Guidelines

4 hrs

- a) Importance of OECD
- b) Guidelines
- c) Clinical Development
- d) Stages of Development

Module 2: History of animal testing

4 hrs

- a) Different animals used in experiments
- b) Screening
- c) Bibliometric Analysis

Module 3: CPCSEA Guidelines

6 hrs

- a) CPCSEA
- b) GLP
- c) Guidelines
- d) Biomedical research
- e) Behavioral research
- f) Databases and resources

Module 4: Drafting of Form B

6 hrs

- a) Form B
- b) Approvals
- c) IAEC

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Module 5: Neuropharmacology

6 hrs

- a) Screening of targets
- b) Cell assay
- c) Animal model
- d) Clinical aspects

Module 6: Funding opportunities

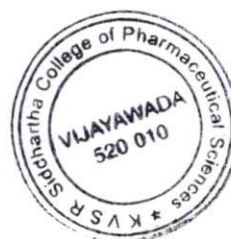
6 hrs

- a) Grants
- b) Direct management
- c) Indirect management

Guler

PROGRAM COORDINATOR


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DETAILS OF THE PROGRAM

Type of the program	Skill development program
Academic Year	2018-19
Name of the Program with Course ID	ANIMAL BEHAVIORAL MODELS IN MODERN TRANSLATIONAL RESEARCH 18-19 / PCL – AMM
Duration	32 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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KVSR SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

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



REPORT SKILL DEVELOPMENT PROGRAM On

TRAINING CUM WORKSHOP ON ANALYTICAL INSTRUMENTS

DATES: 28th Sept. 2018 to 31st Oct. 2018



ORGANIZED BY: DEPARTMENT OF PHARMACEUTICAL ANALYSIS

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DEPARTMENT OF PHARMACEUTICAL ANALYSIS

Report on

“Training cum Workshop on Analytical Instruments” 28-09-2018 to 31-10-2018

Resource Person:

Dr. Ghanta Vijaya kumar

- HOD, Dept of Pharmacology, KVSRS SCOPS
- Ph. No: 9989921747
- Email ID: ghanta.vijay@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

Ms. T S Mrinalini, Assist. Prof

- Lecturer, Department of pharmaceutical analysis
- Ph. No: 8977216085
- Email ID: mrinalini.talluri@gmail.com

Mrs. K Vasantha

- Lecturer, Department of pharmaceutical analysis, KVSRS SCOPS
- Ph. No: 9491898378
- Email ID: kuchibhotla.vasantha007@gmail.com

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

Objectives: To tutor them

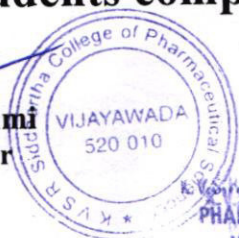
- In handling analytical instruments
- To refurbish Knowledge on theory and its practical application
- Practical analysis on instruments
- Research proposal and study, Sample application

Outcomes: Students can

- Handle HPLC, UV-Vis Spectrophotometer, Nephelo-turbidimeter, Refractometer, etc.
- Perform Interpretation of data
- Do sample analysis
- Attain knowledge on need for current research aspects

Number of students completed program: 55

Dr. M. Vijaya Lakshmi
Program Co-Ordinator



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Dr. G. Devala Rao
Organizing Secretary



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REPORT:

DATE 28-9-2018 & 29-09-2018: Inauguration function and Analytical Instruments theoretical explanation and importance

Skill development program, for IV/IV B. Pharmacy VII Sem, titled **“Training cum Workshop on 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 28-09-2018 to 31-10-2018

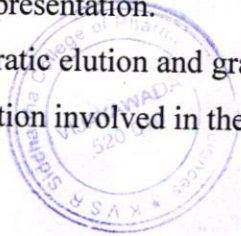
The faculty coordinators, Dr M Vijayalakshmi, Dr I Madhusudhana Reddy, Mrs. V Anusha were present. They presented the list of instruments of different models and makes, change in technology and their application in various fields Followed demonstration and handling of instrument training was given to all the students participated in this training under the supervision of respective faculty coordinators. 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 01-10-2018 & 02-10-2018: UV-Visible spectrophotometer, Practical Application

Dr M Vijayalakshmi, 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 cuvetts, 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 03-10-2018 & 04-10-2018 & 05-10-2018: HPLC theoretical training, practical approach 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.



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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.

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 06-10-2018: Refractometer

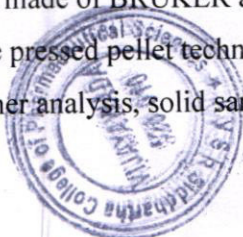
Mrs. V Anusha, Assistant Professor, Department of pharmaceutical analysis Refractometer theory, instrumentation and sample analysis were done on day 6. The theory of refraction of light, refraction for different media, Snell's law, refractive index calculations, standard refractive index values were 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.

DATE 22-10-2018 & 23-10-2018 & 24-10-2018: IR Instrumentation, theory and practice

Dr. I. Madhusudhana Reddy, 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 FI-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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sample analysis were done. Opus soft ware operation, the sample analysis, integration, internal qualification of the system and maintenance of the instrument were explained

DATE 25-10-2018: Nephelo-turbidity meter

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 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 26-10-2018 & 27-10-2018: spectrofluorometer and flame photo meter

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 31-10-2018: valedictory function

The valedictory function was inaugurated by **Dr. Ghanta Vijaya kumar**, HOD, Dept of Pharmacology, 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. He 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 cum Workshop on Analytical Instruments

Date: 28-09-2018 to 31-10-2018

Batch: Y15 B pharm

Duration: 36hrs

Registered list of candidates

S. No	Reg. No.	Name of the Student	signature
1	Y15BPH140001	Avuthu Venkata Reddy	
2	Y15BPH140002	Kiranmai Seelam	
3	Y15BPH140003	Konda Bhargavi	
4	Y15BPH140004	Kota Suresh Babu	
5	Y15BPH140005	Lankalapalli Revathi	
6	Y15BPH140006	Nagulapati Pavan Kumar	
7	Y15BPH140007	Puvvala Akhil	
8	Y15BPH140009	Abdul Kareem	
9	Y15BPH140010	Avulapati Manaswitha	
10	Y15BPH140011	Balireddy Hema Manasa	
11	Y15BPH140012	Banavath Ramesh Naik	
12	Y15BPH140013	Battula Sai Pravallika	
13	Y15BPH140014	Bethapudi Iswarya	
14	Y15BPH140015	Boina Sangeetha	
15	Y15BPH140016	Bojadla Vanaja	
16	Y15BPH140017	Bolla Roopa Naga Sri	
17	Y15BPH140018	Chalasani Ramya Sri Sai	
18	Y15BPH140019	Cherukuri Eeshitha	
19	Y15BPH140020	Cherukuri Vishnu Priya	
20	Y15BPH140021	Chigurupati Vasanthi	
21	Y15BPH140022	Chinta Jaya Manaswini	
22	Y15BPH140023	Damera Sree Goda Pranavi	
23	Y15BPH140024	Devabhaktuni Mohana Venkata Sai Krishna	
24	Y15BPH140026	Dronavajhula Sai Manohar	
25	Y15BPH140027	Gaddipati Sai Vardhan	



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26	Y15BPH140028	Goparaju Bhuvana	G. Bhuvana
27	Y15BPH140029	Guduru Bhavani	G. Bhavani
28	Y15BPH140030	Jaya Naga Bhargavi Pitta	J. Naga Bhargavi pitta
29	Y15BPH140031	Kamma Gopi Krishnakanth	K. Gopi Krishnakanth
30	Y15BPH140032	Kanagala Tarun Kumar Swamy	Kanagala Tarun Kumar Swamy
31	Y15BPH140033	Katakam Dileep Varma	K. Dileep Varma
32	Y15BPH140034	Keesara Sree Satya	K. Sreedatya
33	Y15BPH140035	Kommuguri Josheela Miriya	Josheela Miriya
34	Y15BPH140036	Koppanathi Sahaja	K. Sahaja
35	Y15BPH140037	Kovvuri Aparna Sreevatsala	K. Aparna sreevatsala
36	Y15BPH140038	Kurre Bhavana	K. Bhavana
37	Y15BPH140039	Manasa Aparna Kambhampati	Manasa Aparna
38	Y15BPH140040	Nandam Lakshmi Sravani	N. lakshmi sravani
39	Y15BPH140041	Narukulla Sriram	N. Sri Ram
40	Y15BPH140042	Nellore Kethana	N. kethana
41	Y15BPH140043	Nutakki Kavya	Nutakki Kavya
42	Y15BPH140044	Palaparthi Naga Koteswara rao	P. naga koteswara rao
43	Y15BPH140045	Pamulapati Saicharitha	P. saicharitha
44	Y15BPH140046	Paruchuri Kanthi Siri	P. Siri
45	Y15BPH140047	Penugonda V.L.D. Sai Swetha	V. V.L.D. Sai Swetha
46	Y15BPH140048	Podila Keerthi	P. Keerthi
47	Y15BPH140049	Pokuri Gopi Krishna	P. Gopi Krishna
48	Y15BPH140050	Polavarapu Hima Bindu	P. Bindu
49	Y15BPH140051	Potnuru Mounika	Mounika Potnuru
50	Y15BPH140052	Prodduturi Sowmya	P. Sowmya
51	Y15BPH140053	Raavi Chaitanya Phanisai	R. Chaitanya Phanisai
52	Y15BPH140054	Shaik Saheera Begum	Sk. Saheera Begum
53	Y15BPH140055	Snehitha Akkineni	Snehitha Akkineni
54	Y15BPH140056	Thanigundala Manojkumar Reddy	T. Manoj
55	Y15BPH140057	T. Sivanagaveera Venkata Sudhadevi	T. Venkata Sudhadevi
56	Y15BPH140058	Vaka Naga Sowjanya	V. Naga Sowjanya
57	Y15BPH140059	Vallurupalli Bhargav	V. Bhargav
58	Y15BPH140060	Vummiti Naga Vyshnavi	V. Naga lakshmi



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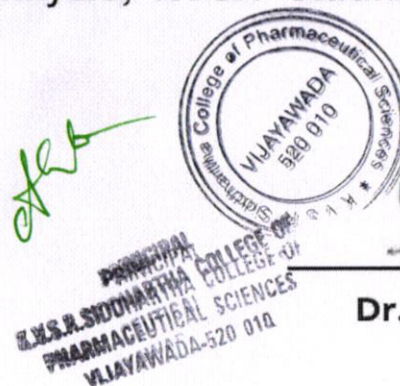
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of Y15BPH140007 IV B PHARM has participated in Skill Development Program named
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Principal



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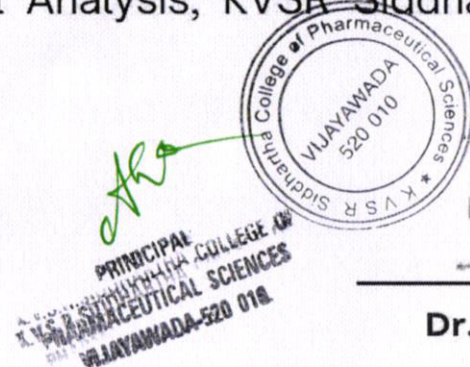
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This is to certify that Mr/Ms **Abdul Kareem**

of **Y15BPH140009 IV B PHARM** has participated in Skill Development Program named
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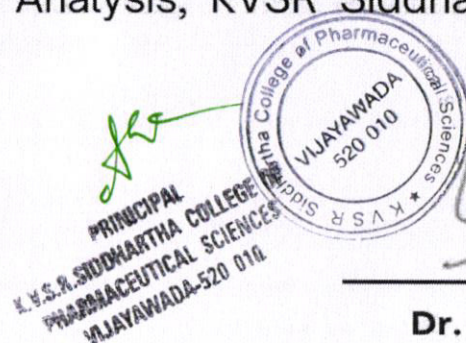
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This is to certify that Mr/Ms **Avulapati Manaswitha**

of **Y15BPH140010 IV B PHARM** has participated in Skill Development Program named
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This is to certify that Mr/Ms **Balireddy Hema Manasa**

of **Y15BPH140011 IV B PHARM** has participated in Skill Development Program named
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Program Co-ordinator

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This is to certify that Mr/Ms **Banavath Ramesh Naik**

of **Y15BPH140012 IV B PHARM** has participated in Skill Development Program named
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Program Co-ordinator

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This is to certify that Mr/Ms **Bethapudi Iswarya**

of **Y15BPH140014 IV B PHARM** has participated in Skill Development Program named
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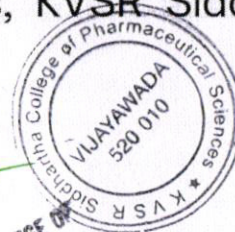
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This is to certify that Mr/Ms **Boina Sangeetha**

of **Y15BPH140015 IV B PHARM** has participated in Skill Development Program named
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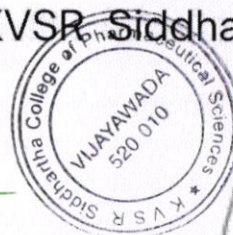
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This is to certify that Mr/Ms **Bojadla Vanaja**

of **Y15BPH140016 IV B PHARM** has participated in Skill Development Program named
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This is to certify that Mr/Ms **Bolla Roopa Naga Sri**

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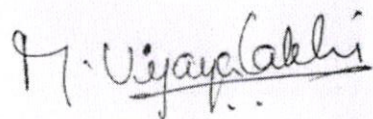
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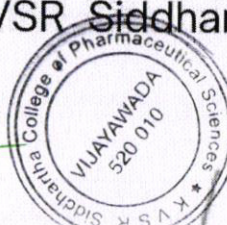
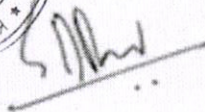
This is to certify that Mr/Ms Chalasani Ramya Sri Sai

of Y15BPH140018 IV B PHARM has participated in Skill Development Program named

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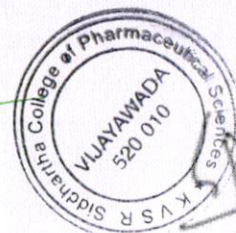
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This is to certify that Mr/Ms **Cherukuri Vishnu Priya**

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**SKILL DEVELOPMENT PROGRAM ON "TRAINING CUM WORKSHOP ON
ANALYTICAL INSTRUMENTS (18-19/PHA-TWA)**

SYLLABUS

Objectives:

1. Equip participants with hands-on skills for proficiently operating analytical instruments.
2. Enhance the practical application of theoretical knowledge and real-world analysis.
3. Foster research and analytical thinking by engaging participants in crafting research proposals, conducting studies, and applying samples.

Module 1: UV-Vis Spectrophotometry: Techniques in Instrumentation, Absorption Spectra Analysis, Applications, Calibration, and Troubleshooting 8hrs

- UV-Vis Spectrophotometer: Instrumentation and software learning
- Absorption Spectrum: Effect of pH and solvent on UV spectrum of compounds
- Applications: Quantifying concentrations in chemical samples.
- Calibration and trouble shooting

Module 2: Advanced Proficiency in HPLC Operation: Instrumentation, Software Mastery, Chromatogram Interpretation and Calibration 9hrs

- Instrumentation
- Software handling
- Interpretation of chromatogram
- Calibration
- Tips for maintenance

Module 3: Mastering Refractometer Operation: understanding light refraction, theory and practical analysis of samples 4hrs

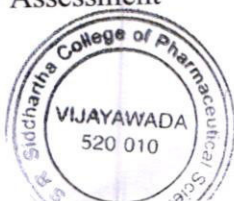
- Theory of refraction of light
- Refraction for different media, Snell's law
- Sample analysis of various oils

Module 4: Practical maintenance of FTIR and handling 5h

- Principle, ATR, Pressed pellet technique
- Applications: Qualitative analysis with library spectra.
- Maintenance of the equipment to avoid moisture content

Module 5: Practical Turbidity Analysis: Hands-On Techniques for Sample Analysis, Applications 5hrs

- Sample analysis
- Application in Water Quality Assessment




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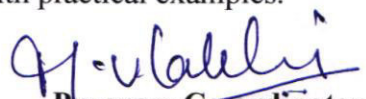
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- Calibration Procedure for Nephelo-turbidometer

Module 6: Applications Exploration in Spectrofluorometry and Flame Photometry:
Practical Insights and Analytical Techniques **5hrs**

- Instrument Operation and Optimization:
- Hands-on training in operating and optimizing instruments for practical applications.
- Exploring a range of applications for spectrofluorometry, including biological and chemical analysis.
- Utilizing flame photometry for elemental analysis with practical examples.
- Case Studies and Practical Insights


Program Co-ordinator





Tel: 0866-2479775

Kommareddy Venkata Sadasiva Rao
Siddhartha College of Pharmaceutical Sciences

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DETAILS OF THE PROGRAM

Type of the program	Certificate program
Academic Year	2018-2019
Name of the Program with Course ID:	TRAINING CUM WORKSHOP ON ANALYTICAL INSTRUMENTS (18-19/PHA-TWA)
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

2018 - 2019

PCH - DDD.

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



REPORT
SKILL DEVELOPMENT PROGRAM
On

INSILICO METHODS FOR DRUG DESIGN AND DISCOVERY -II

DATES: 15th Sept. 2018 to 29th Sept. 2018



ORGANIZED BY: DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

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PROGRAM REPORT

Date :30.09.2018

Name of the Event: A Two Week Certificate Programme on SKILL - DEVELOPMENT Insilico Methods On Drug Design And Discovery-II

Dates: 15 .09.2018to 29.09.2018.

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: 99

Number of students completed :95

Venue: Seminar hall , class room No : 401

Objectives of the Program:

- ✦ Besides docking, Autodock Vina (Autodock Tools) helps in editing protein and ligands including their structure modifications.
 - ✦ It is also used to screen large or small libraries of molecules.
 - ✦ It is easily accessible on Linux as well as on Windows.
- can be used to analyze the docking results.

Topics covered:

1. Swiss -ADME
2. O-Chem
3. Pyrex

Outcomes of the Programme:

- provide a platform for screening the activity of potential therapeutics against the molecular targets
- which helps to select the ones with the highest potential activity for further in vitro and in vivo experiment.

Organizing secretary


Dr. B. Anupama

HOD, Department of Pharmaceutical chemistry

Coordinator



Dr.G.Devala rao
Principal

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VILAYAWADA-520 010



KOMMAREDDY VENKATA SADASIVA RAO

SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

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VIJAYAWADA-520010

SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -II

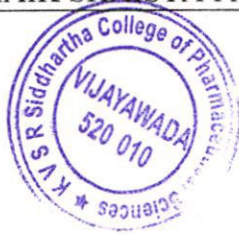
Dates: 15th sep 2018 -29th sep 2018

Batch: Y16PHARM.D

Duration: 30 hrs

NUMBER OF REGISTERED STUDENTS

S.NO	NAME OF THE STUDENT	COURSE	SIGNATURE
1	AKULA VIJAYA DURGA	PHARM.D	A.v. Durga
2	ATLURI DEEKSHIT	Pharm.D	A. Deekshit
3	BALA YASWANTH KUMAR SUNNAPU	Pharm.D	Kumar
4	BANTUPALLI SURANJAN	Pharm.D	Suranjan
5	BATTU DEEPTHI NIHARIKA		B.D. Niharika
6	CHIRUMAMILLA HARICHANDANA	Pharm.D	Hari Chandana
7	DEVIREDDY SAMYUKTHA REDDY	Pharm.D	Samyuktha Reddy
8	DONDAPATI RAJ KUMAR	Pharm.D	Raj Kumar
9	GUNTUR S N SUSRITHA	Pharm.D	SUSRITHA
10	GUTHA BALAJI TEJA	Pharm.D	Bala Teja
11	J RISHMA SAI ANJANI PRANEETHA	Pharm.D	Anjanipraneetha
12	KAKUMANU BALAJI VINOD		K. Balaji Vinod
13	KALAKOTI SRIJA	Pharm.D	K. Srija
14	KASARANENI HIMA SRI	Pharm.D	K. Hima Sri
15	LEELA SHARMILA	Pharm.D	Sharmila
16	MANTHRI SAI SINDHURA	Pharm.D	Sai Sindhura
17	MEDAVARAPU ESWARI VIDYA LAKSHMI	Pharm.D	vidya lakshmi
18	MOTUPALLI SANKEERTH KUMAR	Pharm.D	M. Sankeerth Kumar
19	MOVVA SAI DURGA SUSHMA	Pharm.D	M.S.D. Sushma
20	PODILI BHARGHAVI		
21	POLIMETLA HARI PRIYA	Pharm.D	Hari Priya
22	PONNALURI LALITHA	Pharm.D	P. Lalitha
23	RAAVI HEMANTH	Pharm.D	Hemant
24	RACHANA PALETI	"	Rachana
25	REDRAVUTHU KAVYA	"	R. Kavya
26	REDRAVUTHU SAI TEJ	"	R. Sai Tej
27	SEELAM VICTOR JOHN WILSON	"	S.V. John Wilson
28	SHAIK SHAISTA FARZANA	Pharm.D	Farzana



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VIJAYAWADA-520010

SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -II

Dates: 15th sep 2018 -29th sep 2018

Batch: Y18PHARM.D

Duration: 30 hrs

NUMBER OF REGISTERED STUDENTS

S.NO	NAME OF THE STUDENT	Course	Signature
1	SHAIK ABDULLA	Pharma. D	sh. Abdulla
2	ATTILI NAGALAKSHMI	Pharma. D	A. Nagalakshmi
3	BHUKYA SOONA BAI	Pharma. D	B. Soona Bai
4	DONKA SAI PRAKASH	Pharma. D	D. Sai
5	ELURU BHARGAVI	Pharma. D	E. Bhargavi
6	GARRE HIMA ESWARI	Pharma. D	G. Hima Eswari
7	GORREMUTCHU YASASWINI RAJ	Pharma. D	G. yasaswini
8	GUDIMETLA SAI VASANTHI	G. Sai Vasantha	pharma. D
9	GULLAPALLI REVANTH	Pharma. D	gullapalli revanth
10	KASARANENI YASWANTH	Pharma. D	K. Yaswanth
11	KOLLI LEENAJA	Pharma. D	K. Leenaja
12	MAJJI SAMPATH PAVAN	Pha	M. Sampath
13	MANGAMURI SUSHMASRI	Php	M. sushmasri



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VIJAYAWADA-520010

SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -II

Dates: 15th sep 2018 -29th sep 2018

Batch: Y18PHARM.D

Duration: 30 hrs

NUMBER OF REGISTERED STUDENTS

14	MANTHRI SANDHYA BHAVANI	pharma .D	M. Sandhya
15	RISHITHA KATIKALA	pharma .D	Rishitha K
16	SHAIK AASHRUFUNNISSA	pharma .D	SK. Aashruth
17	SIMHADRI AMANI	pharma .D	S. Amani
18	SINGAMPALLI CHAKRAVARTHI	pharma .D	S. Chakravarthi
19	SOMISETTY NIRUPA VARSHA	pharma .D	S. Nirupa varsha
20	SUHRUTT DUGGIRALA	pharma .D	D. suhruth
21	TEJASWI MEKALA	pharma .D	M. Tejaswi
22	VANUKURI MADHUPRIYA REDDY	pharma .D	vanukuri madhupriya
23	VARDHINENI BHARGAVI	pharma .D	V. Bhargavi
24	VEGANTI SAI HARSHA	pharma .D	V. Sai harsha




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SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -II

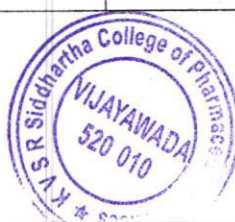
Dates:15th sep 2018 -29th sep 2018

Batch:Y17PHARM.D

Duration:30 hrs

NUMBER OF REGISTERED STUDENTS

S.NO	NAME OF THE STUDENT	COURSE	SIGNATURE
1	ALURU YASASWI CHOWDARY	_____	_____
2	ANISSETTI SAI MANIKANTA	PHARM.D	Manikanta
3	BANAVATHU RAMYASRI	Pharm.D	Ramyasri
4	CHINTA REKHA CHANDINI	Pharm.D	Chandini
5	DOKKU SRINIJA	PHARM.D	Srinija
6	JALIBILI VINATHI	Pharm.D	Vinathi
7	KAMEPALLI SAHITHI	_____	_____
8	KARUKURI SUVARNA	Pharm.D	Suvarna
9	KELAM HIMASRI	PHARM.D	Himadri
10	KONATHAM KAVYA SREE	PHARM.D	Kavya Sree
11	KORAGANJI YAMINI	Pharm.D	Yamini
12	KUMARA BHAVANA	PHARM.D	Bhavana
13	KUNDURTHI SURENDRA	Pharm.D	Surendra
14	KURAPATI JAAHNAVI LAKSHMI AKHILA	Pharm.D	Akhila
15	MEDEPUDI PRAVALLIKA	Pharm.D	Pravallika
16	NAGA SAI SATYA SREE RECHAMALLA	Pharm.D	Sathyasree
17	NAGA VELANGANI SAI SREE RACHAMALLA	Pharm.D	Saisree
18	NOONSAVATH PRAMEELA DEVI BAI	PHARM.D	Prameela



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SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -II

Dates: 15th sep 2018 -29th sep 2018

Batch: Y17PHARM.D

Duration: 30 hrs

NUMBER OF REGISTERED STUDENTS

19	PREETHI PUTTI	PHARM.D	Preethi
20	SAI ASHOK KUMAR DOMASANI	Pharm.D	Ashok
21	SHAIK FATHIMA	_____	_____
22	SINDHURA KUMPATI	pharm.D	Sindhura
23	SRAVANI THOMMANDRU	Pharm.D	Sravani
24	THANIKONDA VENKATA RAO	PHARM.D	Venkatarao
25	THOTA HEMA LATHA SRI	PHARM.D	Calhema
26	TUMPALA SUJANA	Pharm.D	Sujana
27	UDDANTI TEJASRI	Pharm.D	Tejasree
28	ALURU YASASWI CHOWDARY	PHARM.D	Yasani
29	ANISETTI SAI MANIKANTA	PHARM.D	Manikanta
30	BANAVATHU RAMYASRI	PHARM.D	Ramyasri

T.S. Anupam



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SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -II

Dates: 15th sep 2018 -29th sep 2018

Batch: L16 PHARM.D (PB)

Duration: 30 hrs

NUMBER OF REGISTERED STUDENTS

S.No.	Name of the Student	Course	Signature
1.	DHADALA VICTOR PRABHAKAR	pharm.D	prabhalcar
2.	R S S LAKP[SHMI KEERTHANA	Pharm.D	R.S.S. Keerthana
3.	SHAIK SALMA	Pharm.D	Salma
4.	ABDUL AMREEN SIDDIQUA	PHARM.D	A.A. Siddiqua
5.	SURYADEVARA MEGHANA	pharm.D	meghana

B. Anupama



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SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -II

Dates: 15th sep 2018 -29th sep 2018

Batch: L17PHARM.D (PB)

Duration: 30 hrs

NUMBER OF REGISTERED STUDENTS

S.No.	Name of the Student	Course	Signature
1.	BODDU PRAVALLIKA	Pharm.D	B. Pravallika
2.	BORRA TEJASRI	Pharm.D	Tejasri
3.	GADAMSETTI VEERAVENKATA NAGA MANIDEEP	Pharm.D	G.V.V.N Manideep
4.	KATRAGADDA MOUNIKA	Pharm.D	K. Mounika
5.	MADALA NAGA LAKSHMI TANUJA	Pharm.D	Lakshmi Tanuja
6.	MD ROSHNA HARA	Pharm.D	Md. Roshna Hara
7.	PAVULURI RAMYASREE	Pharm.D	P. Ramya Sree
8.	SYEDA MUBARAK FATHIMA	Pharm.D	Fathima
9.	THANANKI DIVYA	Pharm.D	Divya.T



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B. Arjun



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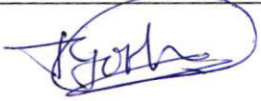
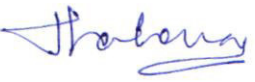
SKILL -DEVELOPMENT ON INSILICO DRUG DESIGN DISCOVERY -II

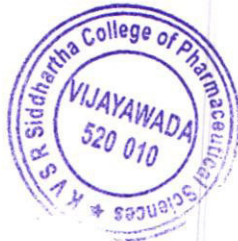
Dates: 15th sep 2018 -29th sep 2018

Batch: L18PHARM.D (PB)

Duration: 30 hrs

NUMBER OF REGISTERED STUDENTS

S.NO	NAME OF THE STUDENT	Course	Signature
1	K SRAVANI	PHARM.D	
2	NUNNA MANI JYOTHI	Pharm.D	
3	SOMISETTY JAHNAVI	Pharm.D	




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B. Anupama



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SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

Siddhartha Nagar, Vijayawada - 520 010, Andhra Pradesh, INDIA

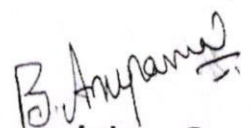
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Certificate of Participation

This is to certify that,AKULA VIJAYA DURGA..... of.....PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - II" from 15th September, 2018 to 29th September, 2018 organized by Department of Pharmaceutical Chemistry, KVSRR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.


Organizing Secretary
Dr. B. Anupama
Dept. of Pharmaceutical Chemistry


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




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



KOMMAREDDY VENKATA SADASIVA RAO
SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

Siddhartha Nagar, Vijayawada - 520 010, Andhra Pradesh, INDIA

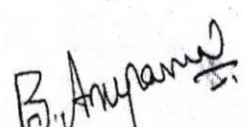
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Certificate of Participation

This is to certify that,**SHAK ABULLA**..... of....**PHARM.D**..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - II" from 15th September, 2018 to 29th September, 2018 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.


Organizing Secretary
Dr.B.Anupama
Dept. of Pharmaceutical Chemistry


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VIJAYAWADA-520 010.




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



KOMMAREDDY VENKATA SADASIVA RAO
SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

Siddhartha Nagar, Vijayawada - 520 010, Andhra Pradesh, INDIA

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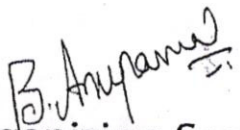
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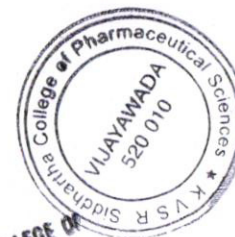
Certificate of Participation

This is to certify that,**SHAIK...SALMA**..... of.....**PHARM.D**..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - II" from 15th September, 2018 to 29th September, 2018 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.


Organizing Secretary
Dr.B.Anupama

Dept. of Pharmaceutical Chemistry


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



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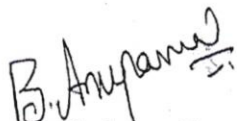
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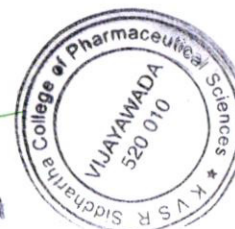


Certificate of Participation

This is to certify that,TUNPULLA SUJANA..... of.....PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - II" from 15th September, 2018 to 29th September, 2018 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.


Organizing Secretary
Dr.B.Anupama
Dept. of Pharmaceutical Chemistry


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VIJAYAWADA-520 010




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



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Siddhartha Nagar, Vijayawada - 520 010, Andhra Pradesh, INDIA

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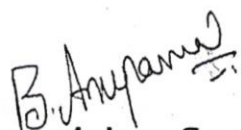
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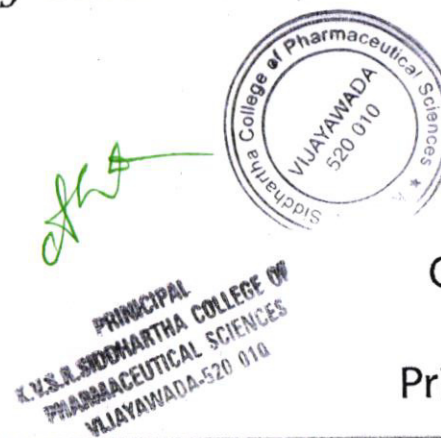
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Certificate of Participation

This is to certify that, GARRE HIMA ESWARI..... of..... PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - II" from 15th September, 2018 to 29th September, 2018 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.


Organizing Secretary
Dr. B. Anupama
Dept. of Pharmaceutical Chemistry




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



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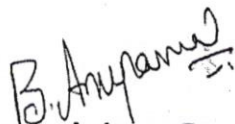
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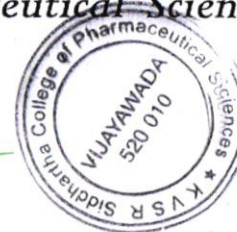


Certificate of Participation

This is to certify that,KALAKOTI.....SRUJA..... of.....PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - II" from 15th September, 2018 to 29th September, 2018 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.


Organizing Secretary
Dr. B. Anupama
Dept. of Pharmaceutical Chemistry


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



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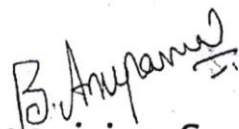
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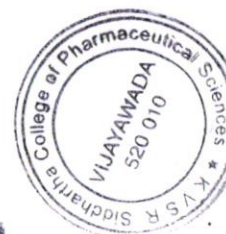


Certificate of Participation

· This is to certify that,RACHANA PALET..... of.....PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - II" from 15th September, 2018 to 29th September, 2018 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.


Organizing Secretary
Dr. B. Anupama
Dept. of Pharmaceutical Chemistry


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VIJAYAWADA-520 010




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



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Siddhartha Nagar, Vijayawada - 520 010, Andhra Pradesh, INDIA

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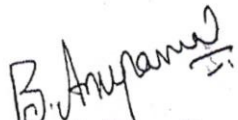
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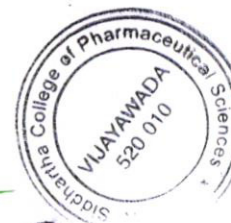


Certificate of Participation

This is to certify that,ATURI...DEEKSHIT..... of.....PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - II" from 15th September, 2018 to 29th September, 2018 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.


Organizing Secretary
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Dept. of Pharmaceutical Chemistry


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SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

Siddhartha Nagar, Vijayawada - 520 010, Andhra Pradesh, INDIA

(Sponsored by: Siddhartha Academy of General and Technical Education,)

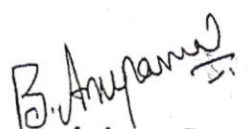
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www.kvsrsiddharthapharma.edu.in



Certificate of Participation

This is to certify that, ..RISHITHA.....KATIKALA..... of.....PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - II" from 15th September, 2018 to 29th September, 2018 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.


Organizing Secretary
Dr. B. Anupama
Dept. of Pharmaceutical Chemistry


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




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



KOMMAREDDY VENKATA SADASIWA RAO
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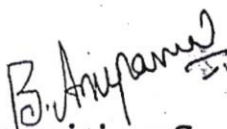
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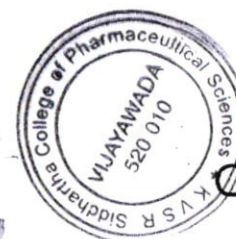
Certificate of Participation

This is to certify that,BORRA TEJA SRI..... of.....PHARM.D..... has participated in a two week "Skill Development Programme on Insilico Methods for Drug Design and Discovery - II" from 15th September, 2018 to 29th September, 2018 organized by Department of Pharmaceutical Chemistry, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.


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Chief Co-ordinator
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Principal & Professor



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(Sponsors : Siddhartha Academy of General & Technical Education)
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**SKILL DEVELOPMENT PROGRAM ON “INSILICO METHODS ON DRUG
DESIGN & DISCOVERY -II ”**

(18-19/PCH-DDD)

SYLLABUS

Objectives:

- It helps in editing protein and ligands including their structure modifications.
- It is also used to screen large or small libraries of molecules.
 - It can be can be used to analyze the docking results.

Module 1: SWISS – ADME

10h

web tool to evaluate

- a) Pharmacokinetics of the molecules.
- b) Drug - likeness Predictions
- c) Medicinal Chemistry Friendliness to Small molecules .
- d) Accuracy and speed in order to deal with a large number of molecules.

Module 2: O-CHEM

10h

- a) Explore O-CHEM to search chemical and biological data of medicinal compounds.
- b) To Build QSAR models for predictions of chemical properties of medicinal compounds.

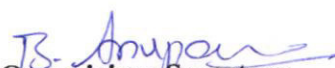
Module 3: PYREX

10h

- a) To Screen Libraries of Compounds against Potential Drug Targets.
- b) Medicinal Chemistry Friendliness to Small molecules
- c) Computational Drug Discovery of new molecules.


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DETAILS OF THE PROGRAM

Type of the program	SKILL DEVELOPMENT PROGRAM
Academic Year	2018-2019
Name of the Program with Course ID:	INSILICO METHODS ON DRUG DESIGN & DISCOVERY -II(18-19/PCH-DDD)
Duration :	30 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


Organizing Secretary


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