



BLDEA's
SHRI SANGANABASAVA MAHASWAMIJI
COLLEGE OF PHARMACY & RESEARCH CENTRE, VIJAYAPUR-586103.
INTERNAL QUALITY ASSURANCE CELL (IQAC)



Event Name : Value Added Course on "Preclinical Models in Drug Testing"

Event Date : 15-03-2024 to 05-04-2024

Convener : Dr. Shridharkumar S Biradar

Address : BLDEA's SSM College of Pharmacy and Research Centre Vijayapur, Karnataka.

Chief Guest : Dr Akram Naikawadi, Prof and HoD Department of pharmacology Shri BM (Inauguration) Patil Medical College and Research Center, Vijayapur

Chief Guest : Dr Shrinivas Raikar Professor, Department of pharmacology Shri BM Patil (Valedictory) Medical College and Research Center, Vijayapur

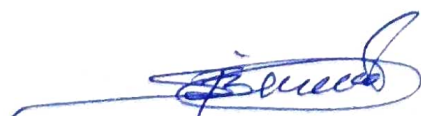
The Value Added Course on "Preclinical Models in Drug Testing" was organised from 15-03-2024 to 05-04-2024. The duration of the course was of 30 hours and curriculum was designed by Dr. Shridharkumar S Biradar Assistant Professor Department of Pharmacology BLDEA's SSM College of Pharmacy and Research Center Vijayapur. He was also the Convener of the Programme.

The inauguration of Value Added Course was scheduled on 15 March 2024. Dr Akram Naikawadi Professor and Head, Department of pharmacology Shri BM Patil Medical College and Research Center was the chief guest. He addressed the participants and explained the importance of Preclinical Models in Drug Discovery. Dr. V.P. Patil Associate Professor Department of Pharmacology, briefed about the Value added Course, Dr. Shridharkumar S. Biradar, Convener briefed about syllabus and sessions to be conducted and Dr. C.C. Patil presided over the function. The sessions started following inauguration and totally 91 participants registered for the Value Added Course.

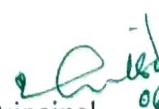
PG Students of sister Institutions viz. BLDEA's AVS Ayurveda Mahavidyalaya and Department of Pharmacology, Shri BM Patil Medical College and Research Center were participants along with our College PG students.

Sessions were conducted every Friday and Saturday. Dr. H. Shivkumar, Dr. Shridharkumar S. Biradar, Shri. Santhosh R Awasthi, Smt. Kavita Nesur Kum. Rani Bandarkavathe Kum. Renuka Sunagad, Dr. R Chandramouli Reddy were the resource persons.

On 05-04-2024, the Valedictory function was organised followed by Panel Discussion. Dr Shrinivas Raikar Professor, Department of pharmacology Shri BM Patil Medical College and Research Center was the chief guest, Dr. Shridharkumar S. Biradar read the report and Dr. H. Shivkumar, HoD and Organising secretary of Value added course briefed about the preamble and conduct of Value added course. Dr. C.M. Setty Principal gave Presidential remarks. Participants and staff members from sister Institutions gave their feedback and opinion about the Value added course. Participants who attended regularly were awarded the certificates.


Convener




Principal
06/05/2024
Principal,
BLDEA's S.S.M. College of
Pharmacy & Research Centre
VIJAYAPUR-586103

IQAC, Empowering Quality Education and Research



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SHRI SANGANABASAVA MAHASWAMIJI
COLLEGE OF PHARMACY & RESEARCH CENTRE, VIJAYAPUR-586103.
INTERNAL QUALITY ASSURANCE CELL (IQAC)



DETAILS OF VALUE ADDED COURSE:

INTRODUCTION:

Experimental Pharmacology is an Essential part of Drug discovery. Preclinical research requires skills of animal study; animal handling, dose calculation and study design.

Animal handling and designing study models is an essential part of pharmacology and it requires proper training by skilled trainers.

The department of pharmacology of BLDEA's SSM College of Pharmacy and Research Centre, Vijaypur is offering a Value Added Course with title "Preclinical Models for Drug Testing" in which the Teachers of the department and Experts of the field will explain the Preclinical aspects of research and preparing a study design. The Value added Course would be beneficial for Post Graduate students/ Scholars of Life Sciences whose research involves Preclinical study.

COURSE GOALS:

General Objectives of the Course:

1. To train students/Scholars in selecting proper animal model for their research
2. To train students/Scholars to do proper animal grouping
3. To train students/Scholars to design their study
4. To teach students/Scholars about In Vitro models and their importance in Pre Clinical research
5. To teach students various pharmacological screening methods in Simulated experiment format

Duration of the Course

The duration of the course was for four weeks (30 hours). Sessions shall consist of one hour of teaching in theory whereas demonstration session were of two hours.

Eligibility for Admission



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Any Research Scholar/Postgraduate student of life sciences were eligible for the admission whose research work requires Preclinical studies (animal models /in vitro models) are eligible for this course.

Medium of Instruction and Examination

- a) Medium of Instruction of the Certificate Course was in English
- b) CGPA based evaluation. Evaluation of course were on the basis of attendance, Assignments, theoretical knowledge obtained during training period. There were theory written examination.

Credits awarding methodology

Every hour of attending the teaching-learning session were awarded 0.5 credit. 30 hours=15 credits Successful completion of the evaluation/examination= 1 credit. Certificate were issued by BLDEA's SSM College of Pharmacy and Research Centre, Vijayapur.

Teaching –Learning methodology

Theory classes were mainly interactive with brief description of the topic and its contents to provide a theoretical clarity for specific models and study design. Participants were encouraged to interact freely.





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Team:

Dr.H.Shivkumar
Professor and Head
Department of Pharmacology
BLDEA'SSSM COP & RC
Vijayapur

HoD and Organising Secretary

Dr. Shridharkumar S. Biradar
Department of Pharmacology
BLDEA'SSSM COP & RC
Vijayapur
Mob:- 8867135309

Convener

Shri. Santhosh R Awasthi
Department of Pharmacology
BLDEA'SSSM COP & RC
Vijayapur
Mob:- 9880057888

Coordinator

Smt. Kavita Nesur
Department of Pharmacology
BLDEA'SSSM COP & RC
Vijayapur

Member

Kum. Rani Bandarkavathe
Department of Pharmacology
BLDEA'SSSM COP & RC
Vijayapur

Member

Kum. Renuka Sunagad
Department of Pharmacology
BLDEA'SSSM COP & RC
Vijayapur

Along with these Pharmacologists Experts of the field as external visiting faculty were invited from Industry and Central Research Laboratory, BLDE Deemed to be University.



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Schedule

Sl. No.	Content	Hours	Resource Person
I	Introduction to experimental pharmacology	02	Dr. Shridharkumar S. Biradar
II	Method of Animal Grouping	01	Dr. Shridharkumar S. Biradar
III	Dose calculation	02	Dr. Shridharkumar S. Biradar
IV	Animal handling Techniques and various Routes drug administration	02	Dr. Shridharkumar S. Biradar
V	Preclinical models for drugs acting on CNS		
1	Screening models for Anticonvulsant drugs	02	Kum.Rani Bhandarkavathe
2	Screening models for drugs useful in learning and memory	03	Kum.Rani Bhandarkavathe
V	Preclinical models for Anti-inflammatory and Analgesic Drugs		
1	Caudal immersion Method	01	Smt.kavita Nesur
2	Tail flick Method	01	Smt.kavita Nesur
3	Carrageenan induced Paw oedema model	01	Smt.kavita Nesur
4	Writhing Method	01	Smt.kavita Nesur
VI	Preclinical models for Drugs used in Metabolic Disorders (Models to study drugs used in diabetes)		
1	Alloxan induced Diabetes Model	01	Smt.kavita Nesur
2	Streptozotocin induced diabetes model	01	Smt.kavita Nesur
VII	Preclinical models for Drugs used in Metabolic Disorders (Models to study drugs used in Hyperlipidaemia)		
1	Triton WR 1339 Induced Hyperlipidemia model	01	Dr. Shridharkumar S. Biradar
2	Cholesterol Rich Diet Induced Method for Hypercholesterolemia	01	Dr. Shridharkumar S. Biradar
VIII	In Vitro studies in Pharmacology	02	Dr. R Chandramouli Reddy
IX	Simulated Experiments	04	Shri.Santhosh R. Awasthi
X	Model demonstration of statistical analysis of results	02	Dr. Shridharkumar S. Biradar
XI	IAEC format and protocol	02	Dr.Shivkumar Hugar



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Banner:

B.L.D.E Association's
**SSM COLLEGE OF PHARMACY AND
 RESEARCH CENTRE, VIJAYAPUR - 586103**

Department of Pharmacology

Organises
VALUE ADDED COURSE
“Preclinical Models in Drug Testing”

Inauguration
 10:00am at Auditorium Hall Date : 15-03-2024.

Chief Guest
Dr. Akram Naikawadi
 Professor and Head, Department of Pharmacology
 BLDE (Deemed to be University), Shri B M Patil Medical College, Vijayapura

Principal *Organising secretary* *Convener* *Coordinator:*
Dr. C. Mallikarjuna Setty **Dr. H.Shivkumar** **Dr.Shridharkumar S. Biradar** **Shri. Santhosh R Awasthi**

Some Photos of Inauguration Function:



Inauguration by lighting Deepa



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Convener Briefing about sessions



Sessions



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Banner

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Principal: Dr. C. Mallikarjuna Setty
Organising secretary: Dr. H. Shivkumar
Convener: Dr. Shridharkumar S. Biradar
Coordinator: Shri. Santhosh R Awasthi

Some Photos of Valedictory Function:



Welcoming of Chief Guest



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Certificate Design



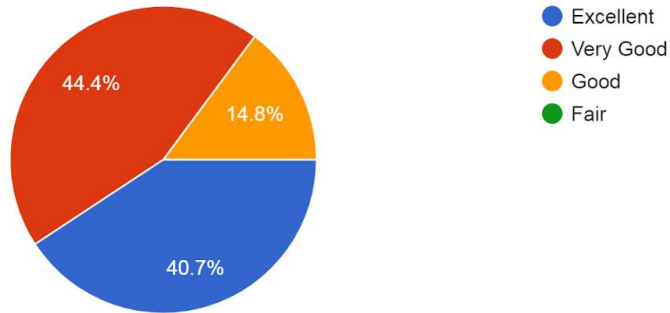


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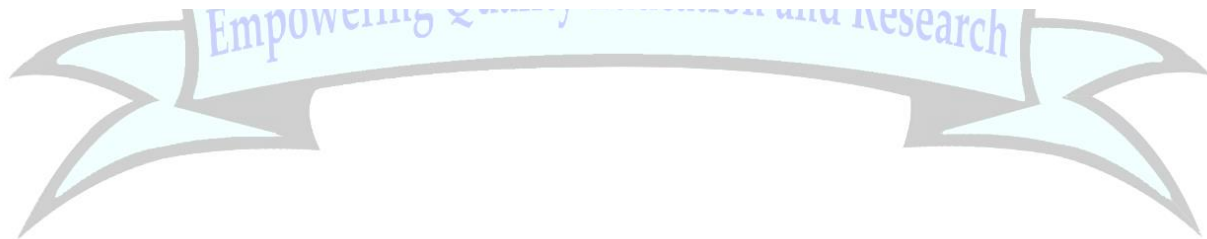
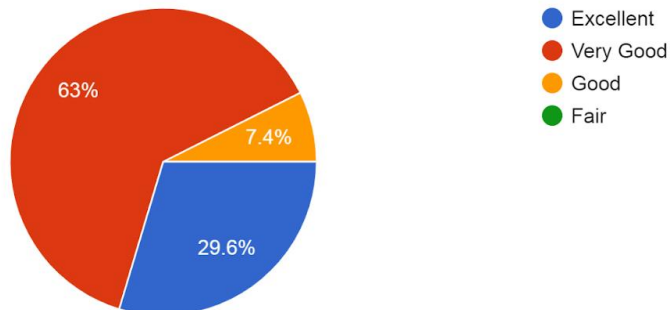


Feedback:

Coverage of Technical content with respect to the title of session
27 responses



Communication skills of speaker
27 responses



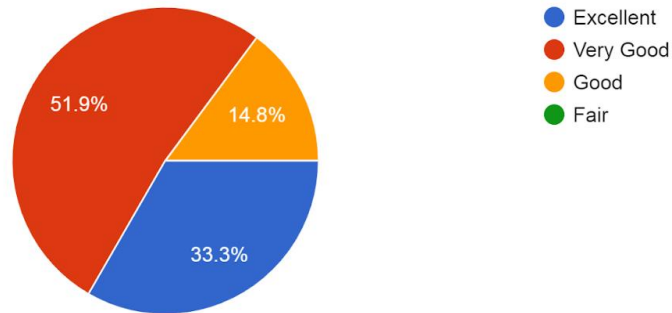


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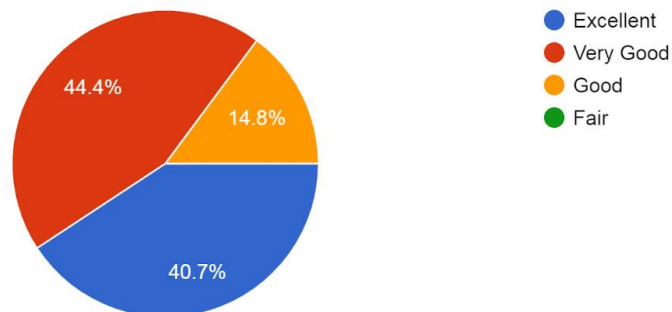
Interest generation on topic by speaker

27 responses



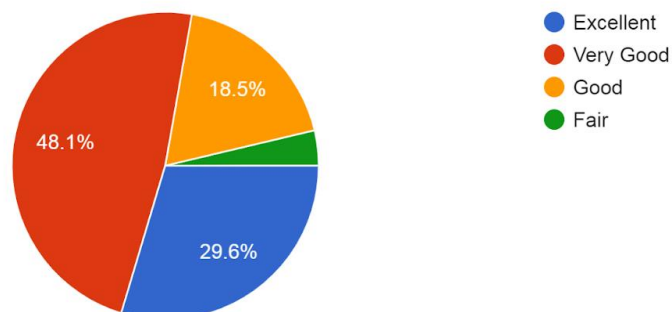
Clarity of presentation

27 responses



Ability of clearing of doubts raised by participants

27 responses



BLDEAN'S
SSM COLLEGE OF PHARMACY AND RC VIJAYAPUR
VALUE ADDED COURSE ATTENDANCE

SL NO	Name	15-03-2024					16-03-2024					22-03-2024					23-03-2024					30-03-2024			05-04-2024	
		SSB	SSB	SSB	SSB	SSB	RB	SRA	KVN	KVN	RS	RS	KVN	KVN	VH	SRA	SSB	SSB	SSB	RCR	HSK					
1	Dr. Shridharkumar S Biradar ✓																									
2	Santosh R Awasthi ✓																									
3	Geethu George Thannikot ✓																									
4	UMARFARUK ONTI ✓																									
5	Abhishek Nandkumar Morabale ✓																									
6	Kiran Chougule ✓																									
7	Afroz Ali Nadaf ✓																									
8	VISHWANATH HALAPPANAVAR ✓																									
9	Ms.Rani H. Bhandarakavathe ✓																									
10	Ankita shripal lavande. ✓																									
11	Pawar Pradip Shrihari ✓																									
12	Prajwal Diggavi ✓																									
13	Mallayya swami ✓																									
14	Sumayya shaikh ✓																									
15	Dr. Sneha ✓																									
16	Chintamani Rajamane ✓																									
17	DR. SREERAJ, G ✓																									
18	Ravindra Vithal Revadigar ✓																									
19	Shraddha R J ✓																									
20	Praveen Bandu Teji ✓																									
21	Shridhar Maruti Gaikwad ✓																									
22	Shrishail Jigajinni ✓																									
23	Akash Limbikai ✓																									
24	B. Naipunya ✓																									
25	Revanasidda Pujari ✓																									
26	Patil Niravaneppa Ashok ✓																									

Sl NO	Name	15-03-2024			16-03-2024			22-03-2024			23-03-2024			30-03-204			05-04-2024	
		SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB
27	Manasi Poddar	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	
28	Soumya Kamatagi	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
29	Dr. badrinarayan	Badr	Badr	Badr	Badr	Badr	Badr	Badr	Badr	Badr	Badr	Badr	Badr	Badr	Badr	Badr	Badr	
30	Dr Fatima A Almel	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	
31	Dr. Bhumishree G	Bhum	Bhum	Bhum	Bhum	Bhum	Bhum	Bhum	Bhum	Bhum	Bhum	Bhum	Bhum	Bhum	Bhum	Bhum	Bhum	
32	Vijayalakshmi. M. Biradar	Vib	Vib	Vib	Vib	Vib	Vib	Vib	Vib	Vib	Vib	Vib	Vib	Vib	Vib	Vib	Vib	
33	Dr. Rohini Hirgude	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	
34	Mahantesh Pujeri	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	
35	Dr Akshay Hajeri	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	
36	Dr Shahistahena	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	
37	Dr Dixita Bogar	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	
38	Dr Rahul K Patil	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	
39	Kavana Hebbalatti	KH	KH	KH	KH	KH	KH	KH	KH	KH	KH	KH	KH	KH	KH	KH	KH	
40	Dr. Arbina Alnaseer Mirza	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	
41	Bhagyalatha	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	
42	Dr Fatima A Almel	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	FA	
43	Dr Madhushree Mangalwedhe	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	
44	Dr PIYUSH PATIL	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	
45	Renuka Sunagad	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	
46	Soniya Shindhe	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	
47	Shivanand m koppa	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	
48	Dr .Shilpa .Suryavanshi	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
49	Dr Anand Prabhakar Vihute	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	
50	Dr Sachin Badiger .	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	

51. Dr. R. Saravanan

52. Yashanjali Dubey

53. Shivanaj Sanil patil

54. ~~Subramanya Shy;~~

55) Subramanya Shy;

56) Sandhya

57) Subbarna.V.

Handwritten notes and signatures are present in the left margin, including names like 'Subbarna.V.', 'Sandhya', and 'Subramanya Shy;'.

B.L.D.E ASSOCIATION'S
S.S.M COLLEGE OF PHARMACY & RESEARCH CENTRE
VIJAYAPUR.

DATE: 14/03/2024

CIRCULAR

All the students and teaching staff members, are hereby informed to attend inaugural function of Value Added Course on "Pre-Clinical Models in Drug Testing" on 15/03/2024 at 10:00 am.

Venue: Auditorium hall


HOD


Principal

Principal,
BLDEA's S.S.M. College of
Pharmacy & Research Cent
VIJAYAPUR, 50012

Team:

Organising Secretary

Dr. H. Shivkumar

Professor and Head
Department of Pharmacology
BLDEA'SSSM COP & RC, Vijayapur

Convener

Dr. Shridharkumar S. Biradar

Department of Pharmacology
BLDEA'SSSM COP & RC, Vijayapur
Mob:- 8867135309

Coordinator

Shri. Santhosh R. Awasthi

Department of Pharmacology
BLDEA'SSSM COP & RC, Vijayapur
Mob:- 9880057888

Member

Smt. Kavita Nesur

Department of Pharmacology
BLDEA'SSSM COP & RC, Vijayapur

Member

Kum. Rani Bandarkavathe

Department of Pharmacology
BLDEA'SSSM COP & RC, Vijayapur

Along with these Pharmacologists Experts of the field as external visiting faculty will be invited from Industry and Central Research Laboratory, BLDE Deemed to be University.

CHIEF PATRON

Dr. M. B. Patil

President, BLDE Association
& Minister for Commerce & Large and Medium Industries, Infrastructure Development Govt. of Karnataka

Patron

Dr. R. B. Kotnal

CAO
BLDE Association, Vijayapura

Chief Guest
(Inauguration)

Dr. Akram Naikawadi

Professor and Head, Department of Pharmacology
BLDE (Deemed to be University), Shri B M Patil Medical College, Vijayapura

(Valedictory)

Dr. Shrinivas Raikar

Professor, Department of Pharmacology
BLDE (Deemed to be University), Shri B M Patil Medical College, Vijayapura

Principal

Dr. C. Mallikarjuna Setty

Organising secretary

Dr. H. Shivkumar

Professor and Head

Convener:

Dr. Shridharkumar S. Biradar

Coordinator:

Shri. Santhosh R Awasthi

Smt Bangaramma Sajjan Campus Shri B.M.Patil Road
(Solapur Road), Vijayapura-586103



B.L.D.E Association's
**SSM COLLEGE OF PHARMACY AND
RESEARCH CENTRE, VIJAYAPUR – 586103**



VALUE ADDED COURSE

Organised by

**Department of
Pharmacology**

Title:

**“Preclinical Models in Drug
Testing”**

Begins from 15-03-2024.



Introduction:

Experimental Pharmacology is an Essential part of Drug discovery. Preclinical research requires skills of animal study; animal handling, dose calculation and study design.

Animal handling and designing study models is an essential part of pharmacology and it requires proper training by skilled trainers.

The department of pharmacology of BLDEA's SSM College of Pharmacy and Research Centre, Vijaypur is offering a Value Added Course with title "Preclinical Models for Drug Testing" in which the Teachers of the department and Experts of the field will explain the Preclinical aspects of research and preparing a study design. The Value added Course would be beneficial for Post Graduate students/ Scholars of Life Sciences whose research involves Preclinical study.

Course Goals:

General Objectives of the Course:

1. To train students/Scholars in selecting proper animal model for their research.
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3. To train students/Scholars to design their study.
4. To teach students/Scholars about In Vitro models and their importance in Pre Clinical research.
5. To teach students various pharmacological screening methods in Simulated experiment format.

Duration of the Course

The duration of the course will be for four weeks (30 hours). Sessions shall consist of one hour of teaching in theory whereas demonstration session will be of two hours.

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Medium of Instruction and Examination

- a) Medium of Instruction of the Certificate Course will be in English
- b) CGPA based evaluation. Evaluation of course will be on the basis of attendance, Assignments, theoretical knowledge obtained during training period. There will be theory written examination.

Credits awarding methodology

Every hour of attending the teaching-learning session will be awarded 0.5 credit. 30 hours=15 credits Successful completion of the evaluation/examination= 1 credit. Certificate will be issued by BLDEA's SSM College of Pharmacy and Research Centre, Vijayapur.

Teaching – Learning methodology

Theory classes will be mainly interactive with brief description of the topic and its contents to provide a theoretical clarity for specific models and study design. Participants will be encouraged to interact freely and they will be allowed for hands on training for animal models.

Examination: Theory examination concentrating on the curriculum content of the program. [20 marks for one hour], 20 marks for demo class/seminars, and 10 marks for assignments.

Schedule for the program: March–April 2024

SYLLABUS AND RESOURCE PERSON

The course consists of theory and practical training on "Preclinical Models for Drug Testing".

Sl. No.	Content	Hrs	Resource Person
I	Introduction to experimental pharmacology	2	Dr. Shridharkumar S. Biradar
II	Method of Animal Grouping	1	Dr. Shridharkumar S. Biradar
III	Dose calculation	2	Dr. Shridharkumar S. Biradar
IV	Animal handling Techniques and various Routes drug administration	2	Dr. Shridharkumar S. Biradar
V	Preclinical models for drugs acting on CNS		
1	Screening models for Anticonvulsant drugs	2	Kum.Rani Bhandarkavathe
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V	Preclinical models for Anti-inflammatory and Analgesic Drugs		
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2	Streptozotocin induced diabetes model	1	Smt.kavita Nesur
VII	Preclinical models for Drugs used in Metabolic Disorders (Models to study drugs used in Hyperlipidaemia)		
1	Triton WR 1339 Induced Hyperlipidemia model	1	Dr. Shridharkumar S. Biradar
2	Cholesterol Rich Diet induced Method for Hypercholesterolemia	1	Dr. Shridharkumar S. Biradar
VIII	"Revolutionizing Drug Discovery: Current Advancements and Future Prospects in In Vitro Pharmacology Technologies"	2	Dr. R CHANDRAMOULI REDDY Assistant Director and Coordinator Centre for Advanced Medical Research (CAMR)
IX	Simulated Experiments	4	Shri.Santhosh R. Awasthi
X	Model demonstration of statistical analysis of results	2	Dr. Shridharkumar S. Biradar
XI	IAEC format and protocol	2	Dr.Shivkumar Hugar