



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.
Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

REF.NO:SSIP/ REQ/2022/003

Date: 24/08/2022

From

Department of Pharmacognosy,
SS institute of pharmacy,
Sankari, Salem (DIST) - 637301.

To

The principal,
SS institute of pharmacy,
Sankari, Salem (DIST) – 637301.


Subject: Letter for requesting permission to conduct **ADD ON COURSE** -Reg.

Respected sir,


We are requesting you to grant permission to conduct add-on course in the seminar hall on **02/09/2022 to 26/09/2022**. We wish to conduct add on course on the title “**Advanced Research Techniques In Homeopathic System Of Medicine**”. This add-on course program would be a great opportunity for students to learn and that would help to shape the students.

Thanking you,

Yours truly,


PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301




PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301

NH-544, Kuppanur (Po), Sankari (Tk), Salem(Dt) – 637301, Tamilnadu, India

Phone : 04283 241080 | E-mail : ssip1718@gmail.com | Website : www.ssip.edu.in



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.
Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

20

DATE: 24/08/2022

CIRCULAR


This is to inform that will B.PHARM students have the schedule of following value - added course to be conducted by our SS Institute of Pharmacy and it as mentioned below.


COURSE NAME	SCHEDULE	DURATION	VENUE	RESOURCE PERSON
ADVANCED RESEARCH TECHNIQUES IN HOMEOPATHIC SYSTEM OF MEDICINE	02/09/2022 to 26/09/2022	36 HOURS	SEMINAR HALL	S.PRAVIN KUMAR

All the above-mentioned students must enroll and actively participate in the course without fail.

Note: Certificates will be issued for the eligible students after completion of the course and examination.

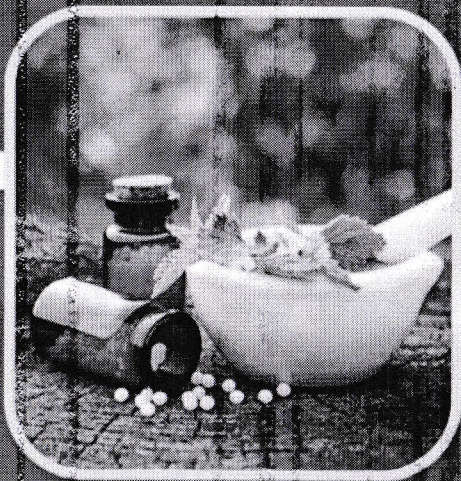



PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301


PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301

NH-544, Kuppanur (Po), Sankari (Tk), Salem(Dt) – 637301, Tamilnadu, India

Phone : 04283 241080 | E-mail : ssip1718@gmail.com | Website : www.ssip.edu.in



Topics

1. Randomized Controlled Trials (RCTs) in Homeopathy
2. Personalized Medicine and Adaptive Trial Designs in Homeopathy
3. Mechanisms of Action: Nanotechnology and Molecular Studies in Homeopathy
4. Systems Biology Approaches in Homeopathic Research
5. Artificial Intelligence and Data Analytics in Homeopathy



COURSE TITLE Advanced research techniques in homeopathic system of medicine

DEPARTMENT OF
PHARMACOGNOSY

RESOURCE PERSON

PRAVINKUMAR .S
M.PHARM

Assistant Professor

VENUE: Seminar Hall

DATE: 02/09/2022-26/09/2022

TIME : 10am - 1pm



**SS INSTITUTE
OF PHARMACY
SANKARI**

PRINCIPAL,
SS INSTITUTE OF PHARMACY
KUPPANUR (PO) SANKARI (TK)
SALEM - 637301

Phone: 9443026056

E-mail: ssip1718@gmail.com



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,

and The Directorate of Medical Education, Chennai.

SYLLABUS

ADVANCED RESEARCH TECHNIQUES IN HOMEOPATHIC SYSTEM OF MEDICINE

Sl. No.	Topic	DATE
1	Research Design and Methodology <ul style="list-style-type: none">- Clinical Trial Design and Methodology- Evidence-Based Homeopathic Practice	2/9/2022- 3/9/2022
2	Standardization and Advanced Analysis <ul style="list-style-type: none">- Homeopathic Drug Standardization and Validation- Advanced Spectroscopic Analysis	5/9/2022- 9/9/2022
3	Molecular and Biochemical Insights <ul style="list-style-type: none">- Molecular Signaling Pathways- Biochemical and Biophysical Markers	10/9/2022- 14/9/2022
4	Innovative Formulations and Technologies <ul style="list-style-type: none">- Nanoparticle-Based Homeopathic Formulations- Machine Learning in Homeopathic Research	15/9/2022- 19/9/2022
5	Systems Biology and Translational Models <ul style="list-style-type: none">- Systems Biology Approaches- Translational Research Models	20/9/2022- 26/9/2022

RESOURCE PERSON:S.Pravin Kumar

TOTAL HOURS:36Hrs



[Signature]
PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301

[Signature]
PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301

NH-544, Kuppanur (Po), Sankari (Tk), Salem(Dt) – 637301, Tamilnadu, India

Phone : 04283 241080 | E-mail : ssip1718@gmail.com | Website : www.ssip.edu.in



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

ADD ON / CERTIFICATE VALUE ADDED COURSES ACADEMIC YEAR 2022-2023



SS INSTITUTE OF PHARMACY

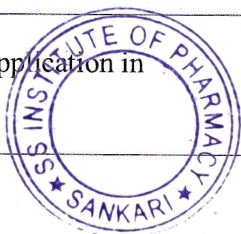
(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

ACADAMIC YEAR 2022-2023

S.NO	NAME OF ADD ON CERTIFICATES PROGRAMS	COURSE CODE	NO OF STUDEN ENROLLED	TYPE OF ADD ON CERTIFICATE PROGRAMS
1.	Advanced Thermodynamics And Combustion	22ATC01	59	Self-framed course
2.	Applied Computational Fluid Dynamics.	22ACFD02	56	Self-framed course
3.	Advanced Research Techniques in Homeopathic System of Medicine.	22ARTHSM03	30	Self-framed course
4.	An Introduction to Indian Literacy Theory.	22IILT04	29	Self-framed course
5.	A Basic Course in Machine Learning.	22BCML05	55	Self-framed course
6.	Adolescent Nutrition.	22AN06	57	Self-framed course
7.	Analytical Techniques in Biochemistry.	22ATB07	59	Self-framed course
8.	Artificial Intelligence Using Prolog Programming.	22AIUPP08	58	Self-framed course
9.	Mobile Health Application in Pharmacy.	23MHAP09	116	Self-framed course



[Signature]
PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,

and The Directorate of Medical Education, Chennai.

ADD ON COURSE – ENROLLMENT LIST

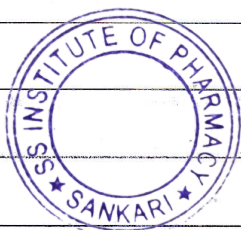
NAME OF ADD ON COURSE : ADVANCED RESEARCH TECHNIQUES IN
HOMEOPATHIC SYSTEM OF MEDICINE

COURSE INSTRUCTORS : PRAVINKUMAR.S

YEAR OFFERED : 2nd SEM

COURSE DURATION : 36 HRS

S.NO	NAME OF THE STUDENT	REGISTER NO	COURSE
1.	ABINESH. S	560021523501	1 st B.Pharm
2.	ABISHEK.B	560021523502	1 st B.Pharm
3.	ABISURYA .C	560021523503	1 st B.Pharm
4.	ANANDASIVAM.T	560021523504	1 st B.Pharm
5.	ANBU .R	560021523505	1 st B.Pharm
6.	ARAVINTH.M	560021523506	1 st B.Pharm
7.	ARCHANA.A	560021523507	1 st B.Pharm
8.	ARIVILKUMAR.P	560021523508	1 st B.Pharm
9.	ARUN .A	560021523509	1 st B.Pharm
10.	ARUN KUMAR .K	560021523510	1 st B.Pharm
11.	ARUNKUMAR.M	560021523511	1 st B.Pharm
12.	BALAMURUGAN.B	560021523512	1 st B.Pharm
13.	BATHRINATH.A	560021523513	1 st B.Pharm
14.	BOOPATHI.G	560021523514	1 st B.Pharm
15.	BOOPATHI.P	560021523515	1 st B.Pharm
16.	CHITHARTHA.M	560021523516	1 st B.Pharm
17.	DEVIPRIYA.K	560021523517	1 st B.Pharm



Principal
SS INSTITUTE OF PHARMACY
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,

and The Directorate of Medical Education, Chennai.

18.	DHATCHNAMOORTHIL.K	560021523518	1 st B.Pharm
19.	DHIVYA.N	560021523519	1 st B.Pharm
20.	GAYATHRIS	560021523521	1 st B.Pharm
21.	GOPIKA.K	560021523522	1 st B.Pharm
22.	GOPIK	560021523523	1 st B.Pharm
23.	GURUMOORTHIL.M	560021523524	1 st B.Pharm
24.	HARIPRIYA.K	560021523525	1 st B.Pharm
25.	JOTHIPRAKASH.P	560021523526	1 st B.Pharm
26.	KARTHICK KANNAN.S	560021523527	1 st B.Pharm
27.	KARTHICK.K	560021523528	1 st B.Pharm
28.	KARTHIKEYAN.M	560021523529	1 st B.Pharm
29.	KAVIBHARATHIS	560021523530	1 st B.Pharm
30.	KAVIYA .S	560021523531	1 st B.Pharm



[Signature]
PRINCIPAL.
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK).
SALEM - 637301



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,

and The Directorate of Medical Education, Chennai.

ADD ON COURSE – ENROLLMENT LIST

NAME OF ADD ON COURSE : ADVANCED RESEARCH TECHNIQUES IN
HOMEOPATHIC SYSTEM OF MEDICINE

COURSE INSTRUCTORS : PRAVINKUMAR.S

YEAR OFFERED : 2nd SEM B.PHARM

COURSE DURATION : 36 HRS

NO	NAME OF THE STUDENT	REGISTER NO	ATTENDANCE									
			2/9/22	3/9/22	5/9/22	6/9/22	9/9/22	10/9/22	12/9/22	13/9/22	14/9/22	
1.	ABINESH. S	560021523501	A	A	A	A	A	A	A	A	A	
2.	ABISHEK.B	560021523502	A	A	A	A	A	A	A	A	A	
3.	ABISURYA .C	560021523503	a	a	a	a	a	a	a	a	a	
4.	ANANDASIVAM.T	560021523504	A	A	A	A	A	A	A	A	A	
5.	ANBU .R	560021523505	A	A	A	A	A	A	A	A	A	
6.	ARAVINTH.M	560021523506	A	A	A	A	A	A	A	A	A	
7.	ARCHANA.A	560021523507	A	A	A	A	A	A	A	A	A	
8.	ARIVILKUMAR.P	560021523508	A	A	A	A	A	A	A	A	A	
9.	ARUN .A	560021523509	A	A	A	A	A	A	A	A	A	
10.	ARUN KUMAR .K	560021523510	A	A	A	A	A	A	A	A	A	
11.	ARUNKUMAR.M	560021523511	A	A	A	A	A	A	A	A	A	
12.	BALAMURUGAN.B	560021523512	A	A	A	A	A	A	A	A	A	
13.	BATHRINATH.A	560021523513	A	A	A	A	A	A	A	A	A	
14.	BOOPATHI.G	560021523514	A	A	A	A	A	A	A	A	A	
15.	BOOPATHI.P	560021523515	A	A	A	A	A	A	A	A	A	



PRINCIPAL
SS INSTITUTE OF PHARMACY
KUPPANUR (PO), SANKARI (TK)
SALEM - 637301
PRINCIPAL
SS INSTITUTE OF PHARMACY
KUPPANUR (PO), SANKARI (TK)
SALEM - 637301

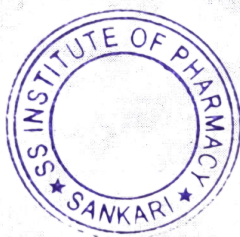


SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamil Nadu Government & Pharmacy Council of India, New Delhi.
Affiliated to the Tamil Nadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

16.	CHITHARTHA.M	560021523516	M.ch	M.ch	M.ch	M.ch	M.ch	M.ch	M.ch	M.ch	M.ch	M.ch	M.ch
17.	DEVIPRIYA.K	560021523517	K.D	K.D	K.D	K.D	K.D	K.D	K.D	K.D	K.D	K.D	K.D
18.	DHATCHNAMOOR THI.K	560021523518	D.P	D.P	D.P	D.P	D.P	D.P	D.P	D.P	D.P	D.P	D.P
19.	DHIVYA.N	560021523519	D.h	D.h	D.h	D.h	D.h	D.h	D.h	D.h	D.h	D.h	D.h
20.	GAYATHRI.S	560021523521	G.s	G.s	G.s	G.s	G.s	G.s	G.s	G.s	G.s	G.s	G.s
21.	GOPIKA.K	560021523522	K.G	K.G	K.G	K.G	K.G	K.G	K.G	K.G	K.G	K.G	K.G
22.	GOPI.K	560021523523	G.p	G.p	G.p	G.p	G.p	G.p	G.p	G.p	G.p	G.p	G.p
23.	GURUMOORTHIM	560021523524	M.G	M.G	M.G	M.G	M.G	M.G	M.G	M.G	M.G	M.G	M.G
24.	HARIPRIYA.K	560021523525	H.p	H.p	H.p	H.p	H.p	H.p	H.p	H.p	H.p	H.p	H.p
25.	JOTHIPRAKASH.P	560021523526	J.p	J.p	J.p	J.p	J.p	J.p	J.p	J.p	J.p	J.p	J.p
26.	KARTHICK KANNAN.S	560021523527	K.s	K.s	K.s	K.s	K.s	K.s	K.s	K.s	K.s	K.s	K.s
27.	KARTHICK.K	560021523528	K.k	K.k	K.k	K.k	K.k	K.k	K.k	K.k	K.k	K.k	K.k
28.	KARTHIKEYAN.M	560021523529	M.k	M.k	M.k	M.k	M.k	M.k	M.k	M.k	M.k	M.k	M.k
29.	KAVIBHARATHI.S	560021523530	S.k	S.k	S.k	S.k	S.k	S.k	S.k	S.k	S.k	S.k	S.k
30.	KAVIYA .S	560021523531	S.k	S.k	S.k	S.k	S.k	S.k	S.k	S.k	S.k	S.k	S.k



PRINCIPAL.
SS INSTITUTE OF PHARMACY.
KUPPANUR (PO), SANKARI (TK).
SALEM - 637301

PRINCIPAL.
SS INSTITUTE OF PHARMACY.
KUPPANUR (PO), SANKARI (TK).
SALEM - 637301



SS INSTITUTE OF PHARMACY

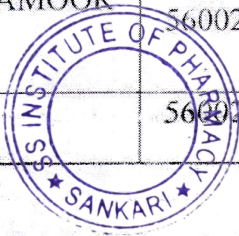
(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New-Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,

and The Directorate of Medical Education, Chennai.

S.NO	NAME OF THE STUDENT	REGISTER NO	ATTENDANCE									
			15/9/22	16/9/22	17/9/22	19/9/22	20/9/22	22/9/22	23/9/22	24/9/22	26/9/22	
1.	ABINESH. S	560021523501	A	A	A	A	A	A	A	A	A	
2.	ABISHEK.B	560021523502	A	A	A	A	A	A	A	A	A	
3.	ABISURYA .C	560021523503	C	C	C	C	C	C	C	C	C	
4.	ANANDASIVAM.T	560021523504	T	T	T	T	T	T	T	T	T	
5.	ANBU .R	560021523505	R	R	R	R	R	R	R	R	R	
6.	ARAVINTH.M	560021523506	M	M	M	M	M	M	M	M	M	
7.	ARCHANA.A	560021523507	A	A	A	A	A	A	A	A	A	
8.	ARIVILKUMAR.P	560021523508	P	P	P	P	P	P	P	P	P	
9.	ARUN .A	560021523509	A	A	A	A	A	A	A	A	A	
10.	ARUN KUMAR .K	560021523510	K	K	K	K	K	K	K	K	K	
11.	ARUNKUMAR.M	560021523511	M	M	M	M	M	M	M	M	M	
12.	BALAMURUGAN.B	560021523512	B	B	B	B	B	B	B	B	B	
13.	BATHRINATH.A	560021523513	A	A	A	A	A	A	A	A	A	
14.	BOOPATHI.G	560021523514	G	G	G	G	G	G	G	G	G	
15.	BOOPATHI.P	560021523515	P	P	P	P	P	P	P	P	P	
16.	CHITHARTHA.M	560021523516	M	M	M	M	M	M	M	M	M	
17.	DEVIPRIYA.K	560021523517	K	K	K	K	K	K	K	K	K	
18.	DHATCHNAMOOR THILK	560021523518	T	T	T	T	T	T	T	T	T	
19.	DHIVYA.N	560021523519	N	N	N	N	N	N	N	N	N	



PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301

PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301

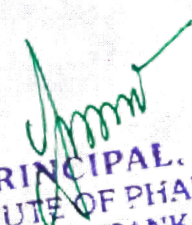


SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi
Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

20.	GAYATHRI.S	560021523521								
21.	GOPIKA.K	560021523522	K.Gal	K.Gal	K.Gal	K.Gal	K.Gal	K.Gal	K.Gal	K.Gal
22.	GOPI.K	560021523523	Cpi	Cpi	Cpi	Cpi	Cpi	Cpi	Cpi	Cpi
23.	GURUMOORTHIM	560021523524								
24.	HARIPRIYA.K	560021523525								
25.	JOTHIPRAKASH.P	560021523526								
26.	KARTHICK KANNAN.S	560021523527								
27.	KARTHICK.K	560021523528								
28.	KARTHIKEYAN.M	560021523529								
29.	KAVIBHARATHI.S	560021523530								
30.	KAVIYA .S	560021523531								


PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.
Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

20

ADD ON COURSE	ADVANCED RESEARCH TECHNIQUES IN HOMEOPATHIC SYSTEM OF MEDICINE
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2022-2023
DATE	02/09/2022 to 26/09/2022
VENUE	SEMINAR HALL
NAME: A. ARUN	COURSE: III - SEM

ANSWER ALL THE QUESTIONS:

DATE: 26/09/2022

MULTIPLE CHOICE QUESTIONS

MARKS: 15

- What is the primary focus of advance research techniques in homeopathy ?
☒ a) To prove the efficacy of homeopathic remedies through conventional scientific methods
☐ b) To develop new pharmaceutical drugs
☐ c) To assess the physical properties of homeopathic substances
☐ d) To eliminate the use of traditional homeopathic practices
- Which research method is commonly used to evaluate the clinical effectiveness of homeopathic treatments?
☐ a) Case studies
☒ b) Randomized controlled trials (RCTs)
☐ c) Survey research
☐ d) Animal studies
- What is the purpose of a double-blind study in homeopathic research?
☐ a) To ensure that participants are unaware of the treatment they receive
☒ b) To eliminate bias from both participants and researchers
☐ c) To reduce the placebo effect
☐ d) To increase the sample size
- Which technique is used to investigate the mechanism of action of homeopathic remedies at a molecular level?
☐ a) High-performance liquid chromatography (HPLC)
☐ b) Nuclear magnetic resonance (NMR) spectroscopy
☒ c) Mass spectrometry
☐ d) In vitro cell assays



PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.
Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

5. What role do meta-analyses play in homeopathic research?
 - a) They analyze individual case reports
 - ☒ b) They summarize and **evaluate** data from multiple studies to assess overall efficacy
 - c) They develop new homeopathic formulations
 - d) They conduct laboratory experiments on homeopathic remedies
6. Which of the following techniques is used to assess the quality of homeopathic trials?
 - ☒ a) Systematic review
 - b) Content analysis
 - c) Case series
 - d) Historical research
7. What is the significance of using placebos in homeopathic research? *1
 - ☒ a) To ensure the homeopathic remedy's efficacy compared to no treatment
 - b) To replace the active ingredient in the remedy
 - c) To increase the cost of the study
 - d) To provide alternative treatments
8. Which statistical method is frequently used to analyze data from homeopathic clinical trials?
 - a) Regression analysis
 - b) Descriptive statistics
 - ☒ c) Bayesian analysis
 - d) Survival analysis
9. What is the primary use of qualitative research in homeopathy?
 - a) To quantify the effectiveness of treatments
 - ☒ b) To explore patients' experiences and perceptions of homeopathic treatment
 - c) To develop new homeopathic remedies
 - d) To perform chemical analysis of remedies
10. Which imaging technique can be used to study the physiological effects of homeopathic remedies?
 - ☒ a) Magnetic resonance imaging (MRI)
 - b) Ultrasound
 - c) X-ray diffraction
 - d) Electrocardiography (ECG)
11. What is the significance of using animal models in homeopathic research?
 - ☒ a) To test the efficacy of remedies in controlled environments
 - b) To replace clinical trials with human subjects
 - c) To determine the cost-effectiveness of treatments



PRINCIPAL,
SS INSTITUTE OF PHARMACY,
SANKARI (PO), SANKARI (TK),
SALEM - 637301.



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

- d) To develop marketing strategies for remedies
12. Which type of clinical trial design is often employed to evaluate the long-term effects of homeopathic treatments?
- a) Cross-sectional study
 - b) Cohort study
 - c) Case-control study
 - ☒ d) Longitudinal study
13. What role does pharmacovigilance play in homeopathic research?
- a) It monitors and assesses the safety and side effects of homeopathic remedies
 - ☒ b) It promotes new homeopathic formulations
 - c) It performs basic chemical analyses
 - d) It designs marketing strategies for homeopathic products
14. How can computational modeling contribute to homeopathic research?
- a) By predicting the clinical outcomes of homeopathic treatments
 - ☒ b) By analyzing the chemical composition of remedies
 - c) By measuring the physical properties of homeopathic substances
 - d) By creating new homeopathic formulations
15. Which method is used to analyze the dose-response relationship in homeopathic studies?
- a) Enzyme-linked immunosorbent assay (ELISA)
 - b) Dose-response curve analysis
 - ☒ c) Gas chromatography
 - d) Flow cytometry



[Signature]
PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

ADD ON COURSE	ADVANCED RESEARCH TECHNIQUES IN HOMEOPATHIC SYSTEM OF MEDICINE
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2022-2023
DATE	02/09/2022 to 26/09/2022

ANSWER KEY:

DATE: 26/09/2022

MULTIPLE CHOICE QUESTIONS

MARKS: 15

- What is the primary focus of advance research techniques in homeopathy?
 - To prove the efficacy of homeopathic remedies through conventional scientific methods**
 - To develop new pharmaceutical drugs
 - To assess the physical properties of homeopathic substances
 - To eliminate the use of traditional homeopathic practices
- Which research method is commonly used to evaluate the clinical effectiveness of homeopathic treatments?
 - Case studies
 - Randomized controlled trials (RCTs)**
 - Survey research
 - Animal studies
- What is the purpose of a double-blind study in homeopathic research?
 - To ensure that participants are unaware of the treatment they receive
 - To eliminate bias from both participants and researchers**
 - To reduce the placebo effect
 - To increase the sample size
- Which technique is used to investigate the mechanism of action of homeopathic remedies at a molecular level?
 - High-performance liquid chromatography (HPLC)
 - Nuclear magnetic resonance (NMR) spectroscopy
 - Mass spectrometry
 - In vitro cell assays**



PRINCIPAL
SS INSTITUTE OF PHARMACY
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

5. What role do meta-analyses play in homeopathic research?
 - a) They analyze individual case reports
 - b) They summarize and evaluate data from multiple studies to assess overall efficacy**
 - c) They develop new homeopathic formulations
 - d) They conduct laboratory experiments on homeopathic remedies
6. Which of the following techniques is used to assess the quality of homeopathic trials?
 - a) Systematic review**
 - b) Content analysis
 - c) Case series
 - d) Historical research
7. What is the significance of using placebos in homeopathic research? *1
 - a) To ensure the homeopathic remedy's efficacy compared to no treatment**
 - b) To replace the active ingredient in the remedy
 - c) To increase the cost of the study
 - d) To provide alternative treatments
8. Which statistical method is frequently used to analyze data from homeopathic clinical trials?
 - a) Regression analysis
 - b) Descriptive statistics
 - c) Bayesian analysis**
 - d) Survival analysis
9. What is the primary use of qualitative research in homeopathy?
 - a) To quantify the effectiveness of treatments
 - b) To explore patients' experiences and perceptions of homeopathic treatment**
 - c) To develop new homeopathic remedies
 - d) To perform chemical analysis of remedies
10. Which imaging technique can be used to study the physiological effects of homeopathic remedies?
 - a) Magnetic resonance imaging (MRI)**
 - b) Ultrasound
 - c) X-ray diffraction
 - d) Electrocardiography (ECG)
11. What is the significance of using animal models in homeopathic research?
 - a) To test the efficacy of remedies in controlled environments**
 - b) To replace clinical trials with human subjects
 - c) To determine the cost-effectiveness of treatments



PRINCIPAL.
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

- d) To develop marketing strategies for remedies
12. Which type of clinical trial design is often employed to evaluate the long-term effects of homeopathic treatments?
- a) Cross-sectional study
 - b) Cohort study
 - c) Case-control study
 - d) Longitudinal study**
13. What role does pharmacovigilance play in homeopathic research?
- a) It monitors and assesses the safety and side effects of homeopathic remedies
 - b) It promotes new homeopathic formulations**
 - c) It performs basic chemical analyses
 - d) It designs marketing strategies for homeopathic products
14. How can computational modeling contribute to homeopathic research?
- a) By predicting the clinical outcomes of homeopathic treatments
 - b) By analyzing the chemical composition of remedies
 - c) By measuring the physical properties of homeopathic substances**
 - d) By creating new homeopathic formulations
15. Which method is used to analyze the dose-response relationship in homeopathic studies?
- a) Enzyme-linked immunosorbent assay (ELISA)
 - b) Dose-response curve analysis
 - c) Gas chromatography**
 - d) Flow cytometry



[Signature]
PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

ADD ON COURSE – MARK LIST

NAME OF ADD ON COURSE : ADVANCED RESEARCH TECHNIQUES IN
HOMEOPATHIC SYSTEM OF MEDICINE

COURSE INSTRUCTORS : PRAVINKUMAR.S

YEAR OFFERED : 2nd SEM

COURSE DURATION : 36 HRS

S.NO	NAME OF STUDENT	REGISTER NO	MARKS (15)	PERCENTAGE (%)
1.	ABINESH. S	560021523501	13	86%
2.	ABISHEK.B	560021523502	13	86%
3.	ABISURYA .C	560021523503	15	100%
4.	ANANDASIVAM.T	560021523504	12	80%
5.	ANBU .R	560021523505	14	93%
6.	ARAVINTH.M	560021523506	12	80%
7.	ARCHANA.A	560021523507	13	86%
8.	ARIVILKUMAR.P	560021523508	14	93%
9.	ARUN .A	560021523509	12	80%
10.	ARUN KUMAR .K	560021523510	12	80%
11.	ARUNKUMAR.M	560021523511	14	93%
12.	BALAMURUGAN.B	560021523512	14	93%
13.	BATHRINATH.A	560021523513	15	100%
14.	BOOPATHI.G	560021523514	15	100%



PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,

and The Directorate of Medical Education, Chennai.

15.	BOOPATHI.P	560021523515	13	86%
16.	CHITHARTHA.M	560021523516	15	100%
17.	DEVIPRIYA.K	560021523517	14	93%
18.	DHATCHNAMOORTHIL.K	560021523518	12	80%
19.	DHIVYA.N	560021523519	14	93%
20.	GAYATHRI.S	560021523521	13	86%
21.	GOPIKA.K	560021523522	12	80%
22.	GOPI.K	560021523523	13	86%
23.	GURUMOORTHIL.M	560021523524	15	100%
24.	HARIPRIYA.K	560021523525	13	86%
25.	JOTHIPRAKASH.P	560021523526	14	93%
26.	KARTHICK KANNAN.S	560021523527	14	93%
27.	KARTHICK.K	560021523528	15	100%
28.	KARTHIKEYAN.M	560021523529	13	86%
29.	KAVIBHARATHI.S	560021523530	13	86%
30.	KAVIYA .S	560021523531	12	80%

TOTAL NUMBER OF STUDENT: 30

TOTAL NUMBER OF PERCENTAGE: 89.5%



PRINCIPAL.
SS INSTITUTE OF PHARMACY.
KUPPANUR (PO), SANKARI (TK).
SALEM - 637301

PRINCIPAL.
SS INSTITUTE OF PHARMACY.
KUPPANUR (PO), SANKARI (TK).
SALEM - 637301

NH-544, Kuppanur (Po), Sankari (Tk), Salem(Dt) - 637301, Tamilnadu, India
Phone : 04283 241080 | E-mail : ssip1718@gmail.com | Website : www.ssip.edu.in



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,

and The Directorate of Medical Education, Chennai.

ADD ON COURSE : SUMMARY REPORT

Course code and Name : 22ARTHSM03/ Advanced Research Techniques In Homeopathic System Of Medicine

Date Of Add On Programme : 02/09/2022 to 26/09/2022

Course Duration : 36 Hours

Year Offered : 2nd Sem B.Pharm

Course Instructors : S.Pravin kumar.,M.Pharm.

Course Outcomes :

- **Data Analysis and Interpretation:** Develop skills in advanced statistical methods and data interpretation relevant to homeopathic research. This could include techniques for analyzing small sample sizes, subjective outcomes, and complex variables.
- **Critical Appraisal of Research:** Enhance your ability to critically appraise existing research literature, including identifying strengths and weaknesses in homeopathic studies and understanding their impact on clinical practice.

Course Type : Add on Course

Assessment Mode:

Total Duration : 36 Hours

Number of Participants : 30

Scheme of Exam : MCQ type, offline Mode

Date of Exam : 26/09/2022

Course Coordinator



PRINCIPAL.
SS INSTITUTE OF PHARMACY.
KUPPANUR (PO), SANKARI (TK).
SALEM - 637301

PRINCIPAL.
SS INSTITUTE OF PHARMACY.
KUPPANUR (PO), SANKARI (TK).
SALEM - 637301



SS INSTITUTE OF PHARMACY CERTIFICATE OF PARTICIPATION



ONE DAY WORKSHOP
Organized by
Department of
PHARMACOGNOSY

S. GAYATHRI

HAS APPRICATED FOR HIS / HER
PARTICIPATION IN ONE DAY SEMINAR ON
ADVANCED RESEARCH TECHNIQUES IN
HOMEOPATHIC SYSTEM OF MEDICINE

02/09/2022 TO 26/09/2022



COORDINATOR



[Signature]
PRINCIPAL
SS INSTITUTE OF PHARMACY
KUPPANUR (PO), SANKARI (TK).
SALEM - 637301

PRINCIPAL





SS INSTITUTE OF PHARMACY CERTIFICATE OF PARTICIPATION



ONE DAY WORKSHOP
Organized by
Department of
PHARMACOGNOSY

.....B. BALAMURUGAN.....

HAS APPRICATED FOR HIS / HER
PARTICIPATION IN ONE DAY SEMINAR ON
ADVANCED RESEARCH TECHNIQUES IN
HOMEOPATHIC SYSTEM OF MEDICINE

.....02/09/2022 TO 26/09/2022.....



COORDINATOR



PRINCIPAL.
SS INSTITUTE OF PHARMACY,
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301

PRINCIPAL





SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.

Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

STUDENT FEEDBACK FORM

STUDENT NAME: *Hosipriya K*

DATE: *26.9.2022*

YEAR/COURSE: *B-pharm- 2 sem*

NAME OF THE ADD ON COURSE: *Advanced research techniques in homeopathic system of medicine.*

COURSE CODE: *22 ARTHEM03*

DURATION: *86 hrs*

EVALUATE HONESTLY:

Questions	Excellent	Good	Fair	Poor
How was the objectives of the training	<input checked="" type="checkbox"/>			
How satisfied are you with our seminar		<input checked="" type="checkbox"/>		
How would you rate the clarity and effectiveness of the presenter's delivery	<input checked="" type="checkbox"/>			
Was the seminar duration appropriate		<input checked="" type="checkbox"/>		
How engaging and interactive was the seminar	<input checked="" type="checkbox"/>			
Usefulness of the information provided	<input checked="" type="checkbox"/>			
Overall quality of session		<input checked="" type="checkbox"/>		



[Signature]
PRINCIPAL
SS INSTITUTE OF PHARMACY
KUPPANUR (PO), SANKARI (TK),
SALEM - 637301

[Signature]
SIGNATURE



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

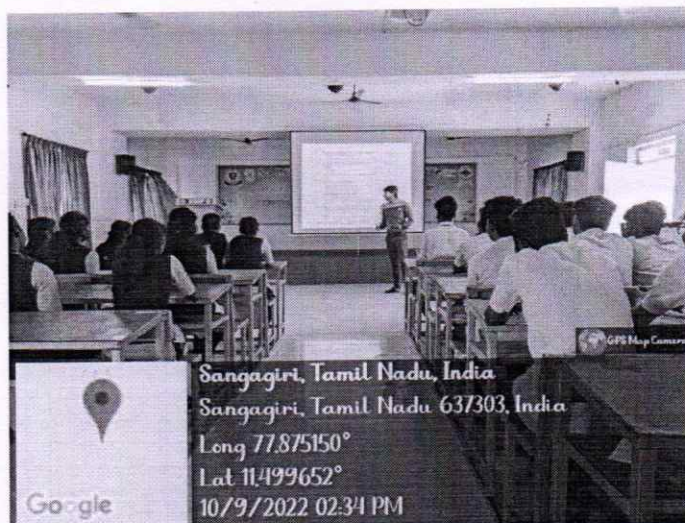
Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.
Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

PHOTOGRAPH

DATE : 05/09/22

ADVANCED RESEARCH TECHNIQUES IN HOMEOPATHIC SYSTEM OF MEDICINE

NAME OF ADD ON COURSE : ADVANCED RESEARCH TECHNIQUES IN
HOMEOPATHIC SYSTEM OF MEDICINE
COURSE INSTRUCTORS : PRAVINKUMAR.S
YEAR OFFERED : 2nd SEM
COURSE DURATION : 36 HRS



Add-on course regarding the Topic Application of Advanced Research Techniques I Homeopathic System Of Medicine conducted 5/9/22, the speech delivered By S.Pravinkumar., M.Pharm.. which was an interactive session and students could able to understand the Application of Introduction To Advanced Research Techniques I Homeopathic System Of Medicine in the fields of pharmaceutical sciences



PRINCIPAL.
SS INSTITUTE OF PHARMACY.
KUPPANUR (PO), SANKARI (TK).
SALEM - 637301