

9/10/2018

Chennai

From

The Course Coordinator
Impact of Medicinal Plants on Society
Department of Medicine
Sree Balaji Medical College
Bharath Institute of Higher Education and Research,
Chennai

To

The Dean
Sree Balaji Medical College
Bharath institute of Higher Education Research,
Chennai

Sub: -Permission to conduct value- added course: Impact of Medicinal Plants on Society

Respected sir,

With reference to subject mentioned above, the Medicine proposes to conduct a value-added course titled: Impact of Medicinal Plants on Society

We kindly solicit your kind permission to commence the program.

Warm Regards,


Course Coordinator

SREE BALAJI MEDICAL COLLEGE & HOSPITAL

CHROMPET CHENNAI -600044

Date: 9/14/2018

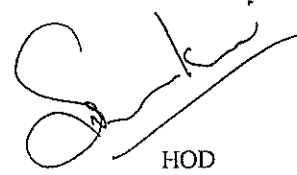
R. No 321/ SBMCH/2018

CIRCULAR

Notification for Value added courses offered by the Department of Medicine

The Department of Medicine of Sree Balaji Medical College is scheduled to offer a Value added Course on Impact of Medicinal Plants on Society from 10/10/2018 for a period of 3 weeks. Interested students can approach the Head of Medicine department and Course Coordinator, for registration and for further details on or before 10/3/2018.

Eligibility-MBBS STUDENTS



HOD

Course Coordinator

Copy to:

Dean office

Vice Principal

Medical Superintendent

AO College

IMPACT OF MEDICINAL PLANTS ON SOCIETY

COURSE OUTLINE: Medicinal plants have been used in healthcare since time immemorial. Studies have been carried out globally to verify their efficacy and some of the findings have led to the production of plant-based medicines. The global market value of medicinal plant products exceeds \$100 billion per annum. This paper discusses the role, contributions and usefulness of medicinal plants in tackling the diseases of public health importance, with particular emphasis on the current strategic approaches to disease prevention. The course focuses on the uses and application of medicinal plants in society

COURSE OBJECTIVE:

- Distinguish between medicinal herbs in cultivation
- Discuss the history of medicinal herb usage.
- Compare the chemical components of different medicinal herbs in terms of their general affect on the human body.
- Prepare simple and safe herbal remedies in a domestic situation.
- Explain the potential dangers involved in dealing with plants.
- Prepare a schedule of cultural practices for a medicinal herb crop.
- Develop a production plan for a medicinal herb crop.

Lesson Structure

1. Introduction to Medicinal Herbs
 - o Scope and Nature of Herbal Medicine
 - o Being Cautious
 - o Growing and Knowing Medicinal Herbs
 - o Accurate Plant Naming
 - o Pronouncing Plant Names
 - o Finding Reliable Resources
 2. Culture of Medicinal Herbs
 - o What is a Herb
 - o Soils and Nutrition
 - o Cultivation
 - o Fertilizing Herbs
-

- o Compost, Mulch, Watering
- o Propagation
- o Pest and Disease
- 3. History
 - o Introduction
 - o Hippocrates
 - o Chinese Herbalists
 - o Egyptian Influence
 - o Greek Influences
 - o The Dark Ages
 - o German and English Herbals
 - o Other Influences
- 4. Main Medicinal Herbs
 - o Introduction and Varieties to Grow
 - o Production Plan
 - o Improving Soil Fertility
 - o Cover Crops and Legumes
 - o Cultivation, Growing Methods, Compost
 - o Growing and using Ginger
 - o Garlic Culture
 - o Echinacea Culture
- 5. Herbal Remedies
 - o Alternatives
 - o Anthelmintics
 - o Astringents
 - o Bitter Tonics
 - o Calmatives
 - o Carminatives and Aromatics
 - o Cathartics
 - o Diaphoretics
 - o Dietetics
 - o Demulcents
 - o Emollients
 - o Expectorants
 - o Nervines
 - o Relaxants
 - o Vulnerary Herbs
 - o Common Herbs with Medicinal Properties
 - o Nervines as Healing Agents
 - o Natural Chemicals in Plants and their Affect on Health; saponins, phenolglycosides, anthraglycosides, flavonoids, mustard oils, polysaccharides, prussic acid, glycosides, coumarin, tannins, bitters, essential oils, alkaloids, purines, essential minerals
 - o Chemistry of Herbs
 - o Herbal Sources for Human Nutrients
- 6. Preparing Herbal Remedies



- o Infusion
 - o Decoction
 - o Poulice
 - o Medical Preparations
 - o Problem of Accurately Formulating Herbal Medicines
 - o How herbalists used to work
 - o The Difference Today
 - o Harvesting Material for Herbal Preparations
 - o Post Harvest Handling of Herbs
 - o Post Harvest Preservation; Fresh, Modified Atmosphere Packaging
 - o Herbal Preparations for Teas, Rinses and Baths
 - o Producing Essential Oils; Water distillation, Steam distillation
 - o Uses for Eucalyptus Oil
7. Poisonous Plants
- o Introduction
 - o Review of Plant Poisons
 - o Hazardous Herbs
 - o Carcinogens, Photosensitizers, Allergens, Hormone Like Affects, Teratogens, Respiratory Inhibitors, etc
 - o Toxic Plant Constituents
8. Developing a Production Plan
- o Managing a Market Garden
 - o Deciding What to Grow
 - o Production Planning
 - o Types of Problems
 - o Standards
 - o Crop Schedules
 - o Farming Medicinal Herbs
 - o Production Requirements for Different Herbs

COURSE DURATION: 30 HOURS

COURSE COORDINATOR: ASSOCIATE PROFESSOR / ASSISTANT PROFESSOR OF PHARMACOLOGY

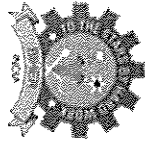
SYLLABUS

Topic	Faculty	Hours allotted
Introduction to Medicinal Herbs	Assistant Professor of pharmacology	2 hours



Culture of Medicinal Herbs History	Associate Professor of pharmacology	2 hours
Main Medicinal Herbs	Assistant Professor of pharmacology	2 hours
Herbal Remedies	Associate Professor of pharmacology	2 hours
Preparing Herbal Remedies	Assistant Professor of pharmacology	2 hours
Poisonous Plants	Associate Professor of pharmacology	2 hours
Health care benefits of medicinal plants	Assistant Professor of pharmacology	2 hours
Global use and current affairs	Associate Professor of pharmacology	2 hours
Developing a Production Pla	Assistant Professor of pharmacology	2 hours
Practicals	Associate Professor of pharmacology	2 hours
Natural Chemicals in Plants and their Affect on Health	Assistant Professor of pharmacology	2 hours
Common Herbs with Medicinal Properties	Associate Professor of	2 hours

	pharmacology	
Vice voce	Assistant Professor of pharmacology	2 hours
Assessmentg	Associate Professor of pharmacology	2 hours



Bharath Institute of Higher Education and Research
Sree Balaji Medical College & Hospital

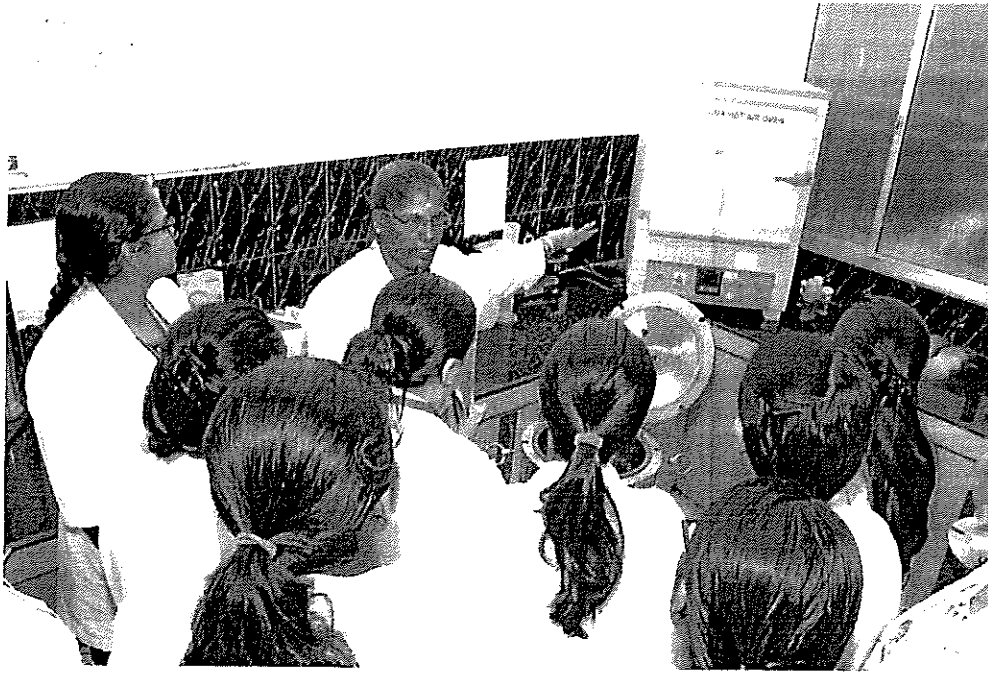


CERTIFICATE

This is to certify that Mr./Ms. PRAVEEN S has completed the value added course on
Impact of Medicinal Plants on Society conducted by Medicine at Sree Balaji Medical
College & Hospital, Chennai held during 10/10/2018.

Dr.P.Sai Kumar MD
Vice Principal, SBMCH

Dr.Gunasekeran MS
Dean, SBMCH



CORSE FEEDBACK FORM

Date: 9/10/2018

Course Title: *Impact of Medicinal plants on Society*

Name: *Sweetha R.*

RegNo: *U18MB237*

Department: *Pharmacology*

S.NO	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very satisfied)						
1.	Objectives of the course clear to you					✓
2.	The course contents met with your expectations				✓	
3.	The lecture sequence was well planned				✓	
4.	The lecturers were clear and easy to understand				✓	
5.	The teaching aids were effective					✓
6.	The instructors encourage interaction and were helpful				✓	
7.	The level of the course					
(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:	1	2	3	4	5

Please give suggestion for the improvement of the course:

Weakness of the course:

Strength of the course:

Sweetha R.
Signature

Thank you

CORSE FEEDBACK FORM

Date: 10/10/2018

Course Title: Impact of medicinal plants on Society

Name: Vishnu P

RegNo: U18MB248

Department: Pharmacology

S.NO	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very satisfied)						
1.	Objectives of the course clear to you					
2.	The course contents met with your expectations					
3.	The lecture sequence was well planned					
4.	The lecturers were clear and easy to understand					
5.	The teaching aids were effective					
6.	The instructors encourage interaction and were helpful					
7.	The level of the course					
(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:	1	2	3	4	5

Please give suggestion for the improvement of the course:

Weakness of the course:

Strength of the course:

Vishnu P.
Signature

Thank you

Impact of Medicinal Plants on Society

S. No	Regn. No.	Name
1	U18MB221	SOPHIA PANDA
2	U18MB222	SOURADIPTA DEB
3	U18MB223	SRINIVAS P K
4	U18MB224	SRIRAM RAVISANKAR
5	U18MB225	SUBITHA S
6	U18MB226	SUDHAKAR A
7	U18MB227	SUDHIR S
8	U18MB228	SUJA J
9	U18MB229	SUMITHAA S
10	U18MB230	SUNIL THURAI I
11	U18MB231	SUNIT STEVE JAMES
12	U18MB232	SURESH KUMAR SHARANYA
13	U18MB233	SURESH V N
14	U18MB234	SURYA TEJA M Y B
15	U18MB235	SUSHMA LEISHANGTHEM
16	U18MB236	SWATHI K
17	U18MB237	SWETHA R
18	U18MB238	SWETHA S
19	U18MB239	TADIMETI AISHWARYA RAMARAO
20	U18MB240	THARUN J
21	U18MB241	UPPARA MADHUMITHA
22	U18MB242	VANI SRI M P
23	U18MB243	VARSHA K
24	U18MB244	VARSHA R
25	U18MB245	VENKATASAI RACHANA RANDHI
26	U18MB246	VIDYADHARAN H V
27	U18MB247	VIGNESHWARAN S
28	U18MB248	VISHNU P
29	U18MB249	VISHNU RAM H
30	U18MB250	YASHOTHARA M G