



Shri B M Kankanawadi Ayurved Mahavidyalaya

A Constituent Unit of

KLE Academy of Higher Education & Research

(Deemed-to be-University)

(Re-Accredited as 'A' Grade by NAAC & Placed in 'A' Category by MHRD, Govt. of India)

Belagavi, Karnataka, 590003

Website: <http://www.kleayurworld.edu.in>; Ph No 0831 2486286



Central Research Facility

(AYUSH approved Testing Laboratory for ASU Drugs & CPCSEA Registered Animal Experimentation Laboratory)

NATIONAL WORKSHOP ON

ANALYTICAL AND EXPERIMENTAL TECHNIQUES

15th, 16th & 17th February 2018

Global awareness on Ayurveda has increased tremendously in recent years. At same time quality control & Standardization of Ayurvedic drugs has also become essential. Our Institution has established Central Research Facility (CRF) in 2006. Our center has been approved by Dept. of AYUSH, Govt. of Karnataka as a Drug Testing Laboratory for ASU drugs.

2261 raw drug samples, 1133 finished products were analyzed and 1471 drugs were authenticated by CRF. CRF has facilitated 253 PG studies, 11 PhD studies. 99 animal experimental studies on efficacy & safety have been completed in the CPCSEA registered Animal Experimentation Laboratory.

Institute offers the services to outside researchers and pharmacies also. Till now 112 PG & PhD scholars of 25 educational institutions and 15 pharmacies have availed our facilities for their research and quality control studies including 15 animal studies.

We have worked on 21 research domains, including Ayurgenomics, Pharmacokinetics, Cell line studies, Quality control & Standardization, Efficacy & safety studies.

To create awareness based on our experience, CRF is regularly conducting workshops/ Hands-on training programs to PG scholars, Faculty members to enhance their knowledge & skills of Analytical and Experimental Techniques. (23 workshops were organized and 807 beneficiaries).

This year National Workshop on Analytical & Experimental Techniques has been organized on 15th, 16th & 17th February 2018.



Salient features of the Workshop:

Lectures:

Ayurveda Drug Testing Guidelines

CPCSEA & IAEC Guidelines

Demonstration /Hands on Training :

Analytical Techniques

Qualitative organic analysis (Tests for Alkaloids, tannins, steroids, flavonoids etc.)

Rota evaporator

UV Fluorescence Analysis (Powder)

Extraction methods (Cold Maceration & Soxhlet method)

Extractive Values – Water & Alcohol

Loss on Drying/ Moisture Content

pH

Total ash, Acid insoluble ash

Specific gravity

Tablet Hardness, Disintegration & Friability Tests

Refractive Index

Thin Layer Chromatography (TLC)

NPST (Namburi Phased Spot Test)

Quantitative estimation – sugars, calcium, iron

UV spectrophotometer

Pharmacognosy: (Demo)

Section cutting – wet & dry specimen

powder microscopy

Microbiology: (Demo)

Sterilization & Preparation of Media

Culture

Microbial Limit Test and Total Microbial Load

Antimicrobial study

Animal Experimental Techniques:

Animal Identification (species)

Animal handling (hand and restrainer)

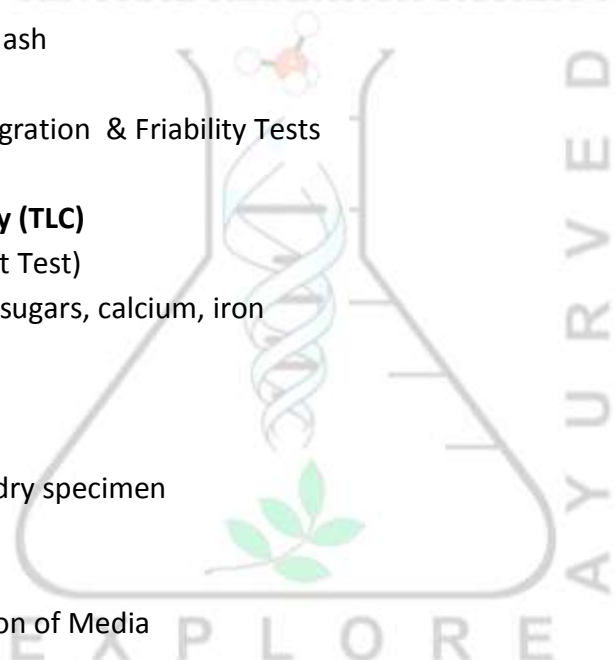
Feeding & Different drug administration techniques

Blood collection

Collection of organs for Histopathology

Animal Experimental Models (Demo)

CENTRAL RESEARCH FACILITY





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REGISTRATION DETAILS

Eligibility: PG & Ph.D. scholars of Ayurveda

Maximum number participants: **30**

Last date for registration: 05-02-2018

(First come first serve basis & No spot Registration)

Before registration confirm from organizers for vacancy either by contacting on phone or by e-mail with subject as "Query for Registration"

NO ACCOMODATION FACILITY

Delegates have to register & pay through online only, from website:- [www.kleayurworld.edu.in/national workshop 2018](http://www.kleayurworld.edu.in/national_workshop_2018)

Registration Fee: Rs. 3000/-

(*This includes Registration, Working Lunch & High Tea only, during the workshop)

For Online Registration & Payment details click here :

[www.kleayurworld.edu.in/national workshop 2018](http://www.kleayurworld.edu.in/national_workshop_2018)

Organizers reserve the right to accept or reject any registration.

Neither refund nor transfer to other candidate is allowed after registration.

ORGANIZING COMMITTEE :

Chairman:

Dr. B S Prasad,

Principal,

Shri BMK Ayurved Mahavidyalaya, Belagavi

Organizing Secretaries:

- Dr Giridhar Vedantam, +919731028625
(Chief Coordinator, CRF)
- Mr. Ajit Lingayat +919620165655

Members:

- Dr. Rudamma R. Hiremath +919480539098
- Dr. Mahadev B Gundakalle +919916885310
- Dr. Santosh Patil +919886633099
- Dr. Veena Kupati
- Dr. Shrutika Karoshi

Contact:

Central Research Facility

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