



Certificate Course on Herbal Drug Standardization Techniques

19th, 20th & 23rd November 2009

Organized by
Herbal Technology Section
Industrial Technology Institute

For Whom:

Researchers from Universities, Research & Development Organizations, Industrialists, Managers, Chemists, Policy Developers of Indigenous Medicine/Herbal Sector, Science & Technology, Research & Development Planners, Scientists in the Herbal/Indigenous Medicine Sector etc.

Course Content:

Topics that will be covered during the certificate course:

- Herbal Drugs – Need for Quality Control and Standardization
- Substitution and Adulteration of Herbal Drugs
- Current Global Trends and Foreign Market for Ayurvedic Medicine
- Standardization Techniques of Herbal Drugs
- Good Agricultural Practices: Collection, Preservation and Storage Techniques of Plants
- Guidelines and Regulations for Registration of Herbal Drugs

Practical Training in Pharmacognosy and Chemical Analysis

- Pharmacognostical identification – Sampling, physicochemical, macroscopic, microscopic and histochemical analysis
- Phytochemical analysis
- Analysis for content of extractable matter, total ash, acid insoluble ash, water soluble ash and sulphated ash, loss on drying, foreign matter, volatile oil content

Practical Training in Chromatographic Analysis/Finger Printing

- Thin Layer Chromatography (TLC/HPTLC/Densitometry)
- High Performance Liquid Chromatography (HPLC)
- Gas Liquid Chromatography (GLC)

Practical Training in Analysis for Contaminants

- Analysis for Heavy metals, Pesticide residues and Microbial purity (Total bacterial and fungal counts and tests for specific pathogens)
- Analysis for Aflatoxin

Resource Persons:

- (1) Dr G A S Premakumara, Head, Herbal Technology Section, Industrial Technology Institute
- (2) Dr R Samarasekera, Senior Research Officer, Herbal Technology Section, Industrial Technology Institute
- (3) Mr K R Dayananda, Senior Research Officer, Herbal Technology Section, Industrial Technology Institute
- (4) Mr R M Dharmadasa, Senior Research Officer, Herbal Technology Section, Industrial Technology Institute
- (5) Dr. Chandima Wijesiriwardhana, Senior Research Officer, Herbal Technology Section, Industrial Technology Institute
- (6) Dr. Selvaluxmy Chelvendran, Research Officer, Herbal Technology Section, Industrial Technology Institute
- (7) Mr Asitha Siriwardhana, Research Officer, Herbal Technology Section, Industrial Technology Institute
- (8) Ms. Menuka Arawwawala, Research Officer, Herbal Technology Section, Industrial Technology Institute
- (9) Mr. Hasitha Weerathunga, Research Officer, Herbal Technology Section, Industrial Technology Institute
- (10) Ms. Pushpa Fernando, Senior Technical Officer, Herbal Technology Section, Industrial Technology Institute
- (11) Ms. Vasumathi Bandara, Technical Officer, Herbal Technology Section, Industrial Technology Institute
- (12) Mr. Kosala Samarasinghe, Technical Assistant, Herbal Technology Section, Industrial Technology Institute
- (13) Mr P Marasinghe, Senior Scientist (Agriculture), Department of Ayurveda
- (14) Dr Danister Perera, Sri Lanka Ayurveda Council
- (15) Dr R Thiranaganama, Asst. Commissioner, Department of Ayurveda

Registration Fee: .15,000/- + 12% VAT + 3% NBT

(Limited to 20 participants)

Registration fee includes comprehensive Workshop materials, Lunch, Morning & Afternoon Tea

Registration Forms to be sent to:

Dr(Mrs) Radhika Samarasekera
Senior Research Officer
Herbal Technology Section
Industrial Technology Institute
P.O. Box 787, 363, Baudhaloka Mawatha
Colombo 07
Tel: 0112693807-9, 0714433815 Fax: 0112686567, 0112691799
E.mail: radhika@iti.lk / lasanthi@iti.lk

Registration Form

**Certificate Course on Herbal Drug Standardization Techniques
19th, 20th & 23rd November 2009**

Prof. Dr. Mr. Ms. Other

Last Name: First Name:

Job title:

Organization:

Address:.....

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Tel: Fax: E-mail:

Please email to lasanthi@iti.lk/radhika@iti.lk or fax to 0112686567, 0112691799

Signature:

Date:

Coordinator: Dr. R. Samarasekera

Industrial Technology Institute, 363, Bauddhaloka Mawatha, Colombo 07

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