

Registration Fee

Rs. 3000/- (Workshop kit and working lunch included). Interested candidates are requested to send the Registration Form with the fee and CV along with a short write up about their research interest based on GC-MS.

Travel and Accommodation

Accommodation will be arranged in University guest house on payment basis. No TA/DA will be provided.

VENUE

Department of Environmental Biotechnology
School of Environmental Sciences
Bharathidasan University
Tiruchirappalli - 620 024
Tamil Nadu, India

Supported by

UNU - Tokyo, Japan
SHIMADZU Corp., Japan
Bharathidasan University

CONTACT

Organising Secretary

TWO EPICS '09

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Bharathidasan University
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Organising Committee

Patron

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Honourable Vice-Chancellor
Bharathidasan University

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Professor and Head
Dept. of Environmental Biotechnology

Advisory Committee Members

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Academic Programme Officer
UNU, Tokyo, Japan

Dr. M. Ravichandran
Professor and Head
Dept. of Environmental Management

Organising Secretary

Dr. R. Babu Rajendran
Reader
Dept. of Environmental Biotechnology

Executive Members

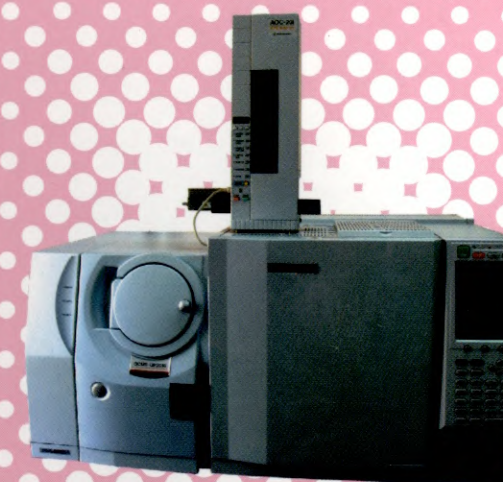
Dr. M. Govindaraju
Dr. K. Thamaraiselvi
Dr. T. Sivasudha
Dr. S. Achiraman
Dr. M. Vasanthi
Lecturers
Dept. of Environmental Biotechnology

Dr. R. Mohanraj
Dr. N.D. Shrinithi Vihahshini
Dr. M. Prashanthi Devi
Lecturers
Dept. of Environmental Management



Department of Environmental Biotechnology

Training Workshop On Environmental Pollutants and Its Control Studies (TWO EPICS '09)



27th - 30th August 2009

Organised by

Dr. R. Babu Rajendran
Department of Environmental Biotechnology
(DST-FIST Sponsored)
School of Environmental Sciences
Bharathidasan University
(Accredited with "A" Grade by NAAC)
Tiruchirappalli - 620 024

About Our University

Bharathidasan University was established as an affiliating university in 1982 in the name of a great revolutionary Tamil poet, **BHARATHIDASAN** at Tiruchirappalli in Tamil Nadu, India. The University has number of academic departments and supporting facilities. The University is leading and made rapid stride in research achievements in number of arts and science disciplines. The Department of **Environmental Biotechnology** was established in 2002 to provide the essential requirements for a postgraduate education and research in biotechnological approaches in environmental health.

About The Workshop

Environmental contaminants which affect the endocrine system in animals are known as endocrine disrupting compounds (EDCs). Many EDCs are associated with developmental, reproductive and other health problems in wildlife. In recent years tremendous attention is being paid on the monitoring of environmental chemicals mainly the **“Pesticides, PAHs and Pharmaceuticals”** due to its severe environmental impacts. Numbers of reports have been made on Pesticides, Poly Aromatic Hydrocarbons (PAHs) and Pharmaceutical and personal Care Products (PPCPs) residues in the environment at alarming level. Hence the main focus of the workshop will be on to impart hands on training on the analysis of environmental samples using Gas Chromatograph coupled with Mass Spectrophotometer for detection and quantification of Pesticides, PAHs, PPCPs, etc.

Pesticides

DDTs (o,p'- and p,p' - compounds of DDT, DDE and DDD), HCHs (all isomers), Chlordanes (cis/trans-chlordane and Heptachlor), Hexachlorobenzene (HCB), etc.

PAHs

Anthracene, Acenaphthalene, Phenanthrene, Fluorene, Pyrene, etc.

PPCPs

Triclosan, Paraben, etc.

The lab is equipped with GC-MS (QP 2010-SHIMADZU). This workshop would be very useful to students, research scholars and scientists of pollution control boards, quality control labs and R&D personal from industries involved in environmental and food quality assessment/monitoring.

Workshop Training Schedule

- Day 1 :** Introduction about the workshop
Lecture 1 - Emerging Pollutants
Lecture 2 - Introduction to GC-MS
Preparation of glassware and chemicals.
- Day 2 :** Water, Sediment / Soil sample
Chemical extraction, cleanup, concentration, etc.
- Day 3 :** Biological sample
Chemical extraction, cleanup, concentration, etc.
- Day 4 :** Instrumentation
Qualitative & Quantitative Analysis using GC-MS.

Registration Form

Training Workshop On Environmental Pollutants and Its Control Studies (TWO EPICS '09)

August 27th - 30th, 2009

Registration fee should be sent as a crossed Bank DD in favour of **The Organising Secretary TWO EPICS '09, Bharathidasan University, Tiruchirappalli - 620 024, Tamil Nadu.**

Name :

Designation :

Institution :

Communication Address :

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Phone :

E-mail :

Name of the Bank :

Bank DD No. & Date :

Signature :

Note : Last date for Registration form with fee is 10.08.2009