Organising Committee:

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Patron	Prof. S.K. Gakhar Dean Faculty of Life Sciences
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Co-Convener	Prof.(Mrs.)Rajesh Dhankhar
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WORKSHOP
on
TECHNIQUES IN MONITORING OF ENVIRONMENTAL POLLUTION
(25th -26th October, 2013)

Organised By:
Department of Environmental Science
Maharshi Dayanand University
Rohtak-124001
HARYANA

ABOUT THE DEPARTMENT

The Department of Environmental Science came into existence in 1999 as a part of Department of Biosciences under Faculty of Life Sciences. The department emerged as an independent department in July 2009 and is now running two P.G. courses namely M.Sc. Environmental Sciences, M.Sc. Environmental Biotechnology, Pre-PhD and doctoral programme in various specialised fields of Environment viz. Biofuels, Bioremediation, Environmental Pollution, Remote sensing, Soil microbiology etc. The department is actively involved in research and at present the department is running 2 major projects and completed 3 major and 2 minor projects. The department in collaboration with Ministry of Earth Sciences has installed Sky radiometer and in collaboration with Haryana Pollution Control Board an Air Monitoring Station. The department has received a grant of 65 lakhs under DST-FIST programme (Level I) and grant of 45 lakhs under UGC- Innovative Programme.

ABOUT THE WORKSHOP

Environmental pollution is one of the most serious problems facing humanity and other life forms on our planet today. Pollution usually manifests itself in the form of a solid, liquid or a gas emission. Pollutants enter the environment through human activities that impact on the environment and health through chemical, physical or bacteriological factors these toxins affect our environmental resources such as air, water and soil. In an undisturbed ecosystem, all substances are processed through an intricate network of biogeochemical cycles, such as the nitrogen and carbon cycles. During these cycles, substances are taken up by plants, move through the food chain to larger and more complex organisms, and when the latter die, are decomposed (broken down) into simpler forms to be used again when they are taken up by plants. Biodegradable substances are those that can be broken down by the environment's biological systems. Pollution occurs when the environment becomes overloaded beyond the capacity of these normal processing systems. Slowly our ecosystem is being brought down by the impending danger of pollutants. In India the increasing economic development and a rapidly growing population that has taken the country from 300 million people in 1947 to more than one billion people today is putting a strain on the environment, infrastructure, and the country's natural resources. The industrialization of society, the introduction of motorized vehicles, and the explosion of the human population, however, have caused an exponential growth in the production of goods and services leading to a tremendous increase in waste by-products, indiscriminate discharge of untreated industrial and domestic wastes into waterways, the spewing of thousands of tons of particulates and airborne gases into the atmosphere, the "throwaway" attitude toward solid wastes, and the use of newly developed chemicals without considering potential consequences have resulted in uncontrolled pollution of its land air and water and has resulted environmental degradation. Public awareness of the extent of pollution will eventually force governments to undertake more effective environmental planning and adopt more effective antipollution measures.

The aim of the workshop is to address the environmental issue of pollution monitoring and to promote active participation of the students in the field of environment. The workshop will focus on the monitoring of environmental pollutants using atomic absorption spectrophotometer, Gas chromatography, flame photometer, high performance chromatography, electrophoresis etc. A tour of sewage treatment plant, Sky Radiometer and Real time Air monitoring station installed in the university campus will also be planned for the participants.

Number of participants: Limited to 20 only.

Eligibility & Selection Procedure: College/ University teachers and Research Scholars are eligible to apply for the workshop and the candidates would be selected on first cum first serve basis.

Registration : Registration fee for the workshop is Rs. 150/- for the teachers and Rs. 100/- for the research scholars. The payment may be made on the spot in cash. The registration fee will include the Participation certificate, course material and the local hospitality.

Workshop

ON

"TECHNIQUES IN MONITORING ENVIRONMENTAL POLLUTION"

(25th -26th October, 2013)

Registration Form

Please complete this form and return it as an e-mail attachment to jslmdu@gmail.com by 20th October 2013. The selection of the candidates will be on the first come first served basis.

1. Name
2. Designation:
3. Organization:
4. Address:
5. E--mail:
6. Tel No: Fax No:
7. Do you want to avail Accommodation facility for the training programme: Yes/No

   (Limited accommodation can be provided if requested in advance)

8. If Yes then please provide the time for the accommodation required:

Date: **Signature of applicant**