

ONE WEEK WORKSHOP  
ON  
TOOLS AND TECHNIQUES IN ENVIRONMENTAL SCIENCES  
(NOVEMBER 26<sup>TH</sup> – 2<sup>ND</sup> DECEMBER 2014)



Organised by:  
DEPARTMENT OF ENVIRONMENTAL SCIENCES  
MAHARSHI DAYANAND UNIVERSITY  
ROHTAK-124001  
HARYANA

## **About the Workshop**

Environmental pollution is one of the most serious problems facing humanity and other life forms on our planet today. Our world is exposed to hazardous pollutants and chemicals from different sources every day. Industries, vehicles and basic human activities are spreading toxins around our world on a daily basis; these toxins affect our environmental resources such as air, water and, soil. Slowly, our ecosystem is being brought down by the impending danger of pollutants.

In India the increasing economic development and 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 but, overexploitation of the country's resources be it land or water has resulted environmental degradation of resources. 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 major environmental disasters.

Environmental monitoring is critical to knowing whether the quality of our environment is getting better or worse. Information gathered through environmental monitoring is important to many different decision makers, inside and outside the government. With the results of monitoring, the government can make informed decisions about how the environment will affect the people and how people are affecting the environment.

The objective of this workshop is to address how science and the scientific method address environmental problems. There is an urgent need for advancing sampling methodology for practical applications, instrumental innovations for faster, more sensitive and affordable bench instruments and miniature sensing devices for real-time monitoring and remote applications.

**Number of Participants:** 15 (Number of seats for Research Scholars and Faculty members are limited to 9 and 6 respectively.)

**Eligibility and 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. 1500 for the teachers and Rs. 700 for the research scholars. Last date for registration is 15<sup>th</sup> Nov, 2014. The payment is accepted in cash with the registration form.



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**For more information Contact:**

Prof. Jitender Singh Laura

Head, Department of Environmental Sciences

M.D.University, Rohtak-124001

e-mail: mdu8665@ gmail.com

REGISTRATIONFORM

Name:.....

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**Why do you want to attend this workshop? \***

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