

**UNIVERSITY POLYTECHNIC  
JAMIA MILLIA ISLAMIA, NEW DELHI**  
(A Central University by an Act of Parliament)

**Short Term Training Program**

***“Hazardous Waste Management”***

March 19 to March 23, 2007



Sponsored By

**INDIAN SOCIETY FOR TECHNICAL  
EDUCATION (ISTE)**  
&  
**ALL INDIA COUNCIL FOR TECHNICAL  
EDUCATION (AICTE)**

*Coordinators*

***Mr. Iqbal Azam, Principal***

***Dr M Abul Hasan***

***(Head, Civil Engineering Section)***

**University Polytechnic**

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**ABOUT JAMIA:**

Jamia Millia Islamia is a Central University by an act of Parliament. It is situated in south Delhi, 16 Kms from New Delhi railway station. Jamia Millia Islamia was founded at Aligarh in 1920 during the Khilafat and Non-Cooperation Movements in response to Gandhiji's call to boycott government supported educational institutions. The Jamia moved from Aligarh to Delhi in 1925. Since then, it has been continuously growing, always refurbishing its methods, and branching out from time to time to meet new needs. In December 1988, Jamia got the status of a Central University by an Act of Parliament and is now on a fast track. A number of new courses have been added during the last few years. With the help of special grants from MHRD, the UGC, and the AICTE, Jamia Millia Islamia is expanding and modernizing its infrastructure.

**THE UNIVERSITY POLYTECHNIC:**

The University Polytechnic operates as a dept of Faculty of Engg and Tech of JMI. It conducts Diploma Engg courses of 3-yr. duration in five disciplines, viz. Computer, Electronics, Electrical, Mechanical and Civil Engg. These courses are conducted in evening stream also on self-financed basis for 4-yr. duration. The admission to all these courses is made on the basis of combined merit of written test, conducted at national level and interview. Prospectus and application form for admission to the Diploma Engineering courses are available in the first week of April every year.

Over the past few Years University polytechnic has seen excellent growth in terms of laboratory infrastructure and teaching staff. University Polytechnic has a teaching faculty of more than 40. It has got all the necessary facilities i.e. laboratories etc. to impart technical education of Diploma Engg courses.

Computer facilities available in the University Polytechnic include recently developed and well established Environmental Engg. Laboratory and Computer facilities.

**THE TRAINING PROGRAMME:**

Population growth, rising standards of living, increasing urbanization and industrialization have all resulted in the generation of greater amounts of solid wastes in industrializing countries including India. Most of the sources of solid wastes contribute hazardous waste posing a number of pollution problems. A hazardous material is any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety to the environment if released into the home, workplace, or the environment. The impact of hazardous wastes depends on their quantity, concentration, physical, chemical or biological properties.

Hazardous wastes are usually a by-product of industrial operations which involve heavy metals and other chemicals. Hospitals are also found to be one of the potential sources of hazardous wastes.

Hazardous wastes have serious impacts on public health and the environment if they are poorly stored, collected and disposed off. The most serious effects of poor waste management include air pollution, contamination of drinking water supplies and the spread of human diseases. It causes cities to become ugly and dirty, affects the health and moral of people, harms animals and plants, and hurts the economy and national pride.

While substantial progress has been made with regard to the above, the hazardous waste management system is still under developing stage.

**COURSE CONTENTS:**

- Introduction
- Waste Management
- Solid waste management
- Hazardous waste management
- Environmental Management
- Ground water Contamination
- Environmental impact assessment
- Future course of action.

## REGISTRATION FORM

### ISTE-AICTE Short Term Training Programme

On

### *“Hazardous Waste Management”*

March 19 to March 23, 2007

1. Name \_\_\_\_\_  
(in block letters)
2. Designation: \_\_\_\_\_
3. Organization/Institute \_\_\_\_\_
4. Mailing Address \_\_\_\_\_  
\_\_\_\_\_
5. Phones (O&R): \_\_\_\_\_
6. Email: \_\_\_\_\_
7. ISTE Membership No: \_\_\_\_\_
8. Pay Scale and Basic \_\_\_\_\_
9. Highest Qualification & Specialization: \_\_\_\_\_  
\_\_\_\_\_
10. Experience in years:  
Teaching: \_\_\_\_\_ Industrial: \_\_\_\_\_
11. Age and Sex: \_\_\_\_\_
12. Accommodation Required: (Y/N): \_\_\_\_\_
13. Demand Draft No. \_\_\_\_\_ Dated \_\_\_\_\_  
Amount \_\_\_\_\_ Bank \_\_\_\_\_

I undertake that if selected for the course, I will attend the same for its entire duration and shall abide the norms of ISTE in this regard.

Date:

Place:

Signature of the Candidate

### Letter of Sponsorship

Dr./Mr./Ms \_\_\_\_\_ is permitted to attend the above course and he/she will be relieved from his/her duties for the entire duration of the course.

Date:

Place:

(Signature & Seal of the Head of the Institution)

- Note: All entries in the Regn Form are compulsory

## ELIGIBILITY:

Following persons are eligible to attend the programme:

- Teaching Faculty members of AICTE approved technical institutions from engineering discipline.
- Professionals from Industries & Government Departments with field experience and interest in Engineering\*.

\*The selected candidates must be the members of ISTE. However, the membership can also be taken at the time of registration.

## PARTICIPATION:

Interested Candidates are requested to send their registration forms duly forwarded by their head of institution so as to reach the coordinators on or before 9<sup>th</sup> March, 2007. Selected participants will be informed by 15<sup>th</sup> March, 2007. A DD of Rs. 500/- (Refundable after attending the programme) along with the registration form as security should be sent along with the registration form. No course fee will be charged from the participants from AICTE approved colleges. Participants will be paid TA as per ISTE norms. All payments are to be made by DD in favor of “Registrar, Jamia Millia Islamia, New Delhi”.

The registration form given in the brochure or its photocopy can be used to apply. The registration form and other details are available at the programme website.

## ACCOMMODATION:

Accommodation, if available, may be provided to the participants from outside Delhi on request on first come first served basis.

## NOTE:

Limited seats are available for candidates from Govt dept & Industry with a course fee of Rs. 2500/- (non-refundable) per participant. The fee is inclusive of course material and lunch. Payments of fee should be made by DD in favor of “Registrar, Jamia Millia Islamia, New Delhi”.

## FACULTY:

Apart from the experienced faculty from this institution, experts from industry, other institutions such as IIT, DU, JNU, NSIT and AMU may be involved as guest speakers and suitable lab sessions and/or visits to outside facilities may be organized.

Further enquiries & duly sponsored Completed Registration Forms and DD should be sent to:

*Mr. Iqbal Azam Principal, or  
Dr. M Abul Hasan (Program Coordinator)*

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