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Workshop on Detection of Adulteration in Food Stuff



Catalyzed & Supported by RVPSP-DST
Delhi, Govt. of India



ON

27TH -29TH JANUARY 2010



Workshop Venue:

**AL-FALAH SCHOOL OF
ENGINEERING & TECHNOLOGY**
Department of Applied Sciences,
Village- Dhauj, Faridabad

WORKSHOP-detection of Adulteration in Food Stuff-2010

Food is the basic necessity of life. Food is adulterated if its quality is lowered or affected by the addition of substances which are injurious to health or by the removal of substances which are nutritious. In the past few decades, adulteration of food has become one of the serious problems. Some of the commonly used additives in the 19th century were poisonous. To whiten bread, for example, bakers sometimes added alum ($K_2SO_4 \cdot Al_2(SO_4)_3 \cdot 24H_2O$) and chalk to the flour, while mashed potatoes, plaster of Paris (calcium sulphate), pipe clay and even sawdust could be added to increase the weight of their loaves. Rye flour or dried powdered beans could be used to replace wheat flour and the sour taste of stale flour could be disguised with ammonium carbonate. Food adulteration is a crime against society. Specially, students and pregnant women are more prone to adulterants. There is a need to create awareness among common masses against food adulteration. Earlier, it was the Health department who use to regularly collect the samples, however, with the rapid spread of consumerism the menace of adulteration, especially in the small towns have increased. Consumption of adulterated food causes serious diseases like cancer, diarrhea, asthma, ulcers etc. These adulterants can be easily identified by simple chemical tests. Thus in AFSET, Village Dhauj, Faridabad, the programme would comprise of conducting a training workshop for selected grass root NGOs/schools, higher institutions in the area. For this purpose a kit is developed and distributed to the participants during the workshop for testing of adulterations in the food stuff. As a follow up, the participants will conduct a testing exercise in their area of operation.

The workshop will provide the participants an opportunity for developing interaction with academia from other institutes of high academic standards, and people from renowned industries. This event will open opportunities to collaborate with other universities and institutes, and also to foster synergic partnership between NGOs, industry & education institutions and other agencies.

Objectives:

- To orient NGOS on Health hazards of adulteration.
- To empower NGOs with testing capabilities for identifying adulteration in household Consumable items.
- To involve students in adulteration testing exercise at the grass root level.
- To do R&D on quantitative food adulteration test kit.
- To evolve a network of NGOs for initiating anti adulteration campaign in the state of Haryana with active involvement of students.

AFSET - A way to Success

AFSET is an **autonomous** minority institution located at Dhauj, which is a backward area. Under the chairmanship of Mr. Jawad Ahmad Siddiqui, the eminent educationist, the Al-

Falah Charitable Trust established Al-Falah School of Engineering & Technology (AFSET) in 1997. One of the objectives of AFSET is to impart quality education in the field of science, technology and engineering in order to produce highly competent engineers, who make significant contributions to the task of nation building. The college has developed steadily over the period. This is an ISO 9001:2000 Certified institution with NBA accredited programmes. Presently AFSET offers the following Bachelor of Technology programmes, approved by AICTE and DTE, Government of Haryana and affiliated to Maharishi Dayanand University, Rohtak.

COURSES IN THE INSTITUTE.

B. Tech. Programmes in Engineering.

- Computer Science & Engineering.
- Electronics & Communication Engineering.
- Mechanical Engineering.
- Mechanical & Automation Engineering. Electrical & Electronics Engineering
- Civil Engineering

Masters of Business Administration

M.Tech. Programmes in Engineering.

Electronics & Communication Engineering.

- Telecommunication
- Satellite Communication
- VLSI Design

Mechanical Engineering.

- Manufacturing and Automation
- Machine Design.

For more information, visit: www.afset.org

About RVPSP- DST Delhi

Department of Science & Technology (DST) was established in May 1971, with the objective of promoting new areas of Science & Technology and to play the role of a nodal department for organizing, coordinating and promoting S&T activities in the country.

The department has wide ranging activities ranging from promoting high end basic research and development of cutting edge technologies on one hand to service the technological requirements of the common man through development of appropriate skills and technologies on the other.

National Council for Science & Technology Communication.

(RASHTRIYA VIGYAN EVAM PRODYOGIKI SANCHAR PARISHAD)

The Parishad is an Apex Organization of the Government of India that Endeavors to

- Communicate Science and Technology
- Stimulate Scientific and Technological temper
- Coordinate and orchestrate such efforts.

Registration Form
**Workshop on Detection of Adulteration in Food Stuff
Catalyzed & Supported by RVPSP-DST
Delhi, Govt. of India
27-29 January 2010
Department of Applied Sciences, AFSET
Dhauj, Faridabad, India-121004**

Name of the participant:.....

Sex: Male/Female.....

Date of Birth:.....

Designation:

Affiliation:.....

Name of the Institute where employed:

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.....

Name of the Department:

E. Mail

Address:

Telephone/

Mobile:.....

Highest Academic Qualification:

Complete mailing address with pin code, telephone/ mobile

no.:

.....

.....

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Name(s) of The accompanying person(s), if any:

(i)

(ii)

Details of Registration Fee:

No Registration Fee will be charge.

Any other relevant information:

Date:

(Signature)

Note:

1. The registration should reach AFSET latest by 25th January 2010.
2. On spot Registrations are available only if a confirmation is given before 25th January 2010 through E. Mail
3. No TA/DA will be paid for attending the course. College buses will be available from Delhi, Faridabad and Palwal.
4. Accommodation can be arranged on request, at your own expense.