

NATIONAL WORKSHOP
ON
APPLICABLE STATISTICS

28-30 MARCH, 2010

ORGANISED BY
DEPARTMENT OF STATISTICS
MAHARSHI DAYANAND UNIVERSITY
ROHTAK – 124 001 (HARYANA)

SPONSORED BY
DEPARTMENT OF HIGHER EDUCATION
GOVERNMENT OF HARYANA
PANCHKULA

National Workshop on Applicable Statistics

PREAMBLE

Statistics is a wonderful discipline from strong mathematical foundation it interacts with and contributes to an expanding number of exciting areas. It may be called the science of counting, averages, estimates and probabilities. Thus, it is used in many different jobs. There is, therefore, an ongoing need for good, well-trained statisticians to fill this job and to perform the statistical work to a high standard. A good understanding of statistics is important so that the correct methods can be chosen and applied. Experts are needed both to write the statistical computing programme and to guide users towards correct analysis. There is enormous demand for statisticians in medical research organizations, in marketing research, official statistics, environmental sciences, actuarial science, agriculture science, biometrics and in the pharmaceutical industry.

OBJECTIVES

The main objectives of the proposed workshop are:

- To give exposure of concepts, skills, tools and techniques in the application area of statistics to research scholars as well as college and university teachers.
- To bring applied orientation among the young teachers and use it to make the subject more interesting and motivate the students to learn with the help of real examples of engineering problems.
- To train teachers how to teach statistics in different disciplines like bio-sciences, medical sciences, engineering, management, commerce, economics, geography, education and social sciences.
- To provide an opportunity to the faculty members of university and college teachers to interact amongst themselves and also with the resource persons of repute from all over the country.
- To provide future directions to young researchers and practitioners in the subject of statistics.

PROPOSED ACTIVITIES

The programme of the workshop will include invited talks, paper/case studies presentations, software demonstrations and techniques to analyse data. English is the official language for all workshop materials and presentations.

WORKSHOP TOPICS

The topics of the workshop would include but not restricted to:

- Understanding and presenting Data.
- Sampling techniques and statistical Tools
- Estimation and Hypothesis testing
- Reliability and Survival Analysis
- Linear and Non-Linear Programming
- Software Applications
- Information Theory
- Econometrics

RESOURCE PERSONS

The list of resource persons includes eminent scholars from Indian Universities, IIT, Indian Statistical Institutes (ISI), IIMs and Faculty from Host Institution.

PARTICIPANTS

The participants can be either teachers or research scholars of colleges and Indian universities in the disciplines of Statistics/Mathematics/Operations Research/Computer Science/Management/Economics/Commerce/Engineering/Education & Social Sciences.

REGISTRATION

The numbers of seats are limited, therefore, participants are encouraged to pre-register to secure a guaranteed place at the workshop. The registration form may be sent by post/email which can be downloaded from our university website www.mdurohtak.com. Interested participants are requested to confirm their participation on or before March 22, 2010. The Spot Registration will also be made subject to the availability of seats.

ACCOMMODATION

The participants will be provided free accommodation and local hospitality. However, the TA of the participants will be provided by the concerned college/University

VENUE OF THE WORKSHOP

**DEPARTMENT OF STATISTICS
NEAR TAGORE AUDITORIUM,
M.D.UNIVERSITY, ROHTAK.**

ORGANIZING COMMITTEE

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M. D. University, Rohtak

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Registration Form
(Last date: March 22, 2010)

1. Name:
2. Department:
3. Designation:
4. University/College/Organization:
5. Address for correspondence:
.....
.....
6. Educational Qualification:
7. Telephone No.:
8. E-mail address:
9. Accommodation required: Yes/No

Signature of the candidate

Head of the Department/ College/Organization
with seal

Schedule of Workshop

Day-I Sunday, 28th March 2010

09.00 a.m. to 10.00 a.m.:	Registration
10.00 a.m. to 11.00 a.m.:	Inauguration
11.00 a.m. to 11.30 a.m.:	High Tea
11.30 a.m. to 01.00 p.m.:	Lecture followed by discussions
01.00 p.m. to 02.00 p.m.:	Lunch
02.00 p.m. to 03.30 p.m.:	Lecture followed by discussions
03.30 p.m. to 04.00 p.m.:	Tea
04.00 p.m. to 05.30 p.m.:	Lecture followed by discussions
05.30 p.m. to 06.30 p.m.:	Interactive Session with Participants on the day's Proceedings
08.00 p.m. :	Dinner

Day-II Monday, March 29th 2010

09.30 a.m. to 11.00 a.m.:	Lecture followed by discussions
11.00 a.m. to 11.30 a.m.:	Tea
11.30 a.m. to 01.00 p.m.:	Lecture followed by discussions
01.00 p.m. to 02.00 p.m.:	Lunch
02.00 p.m. to 03.30 p.m.:	Lecture followed by discussions
03.30 p.m. to 04.00 p.m.:	Tea
04.00 p.m. to 05.30 p.m.:	Lecture followed by discussions
05.30 p.m. to 06.30 p.m.:	Interactive Session with Participants on the day's Proceedings
08.00 p.m. :	Dinner

Day-III Tuesday, March 30th 2010

09.00 a.m. to 10.00 a.m.:	Lecture
10.00 a.m. to 11.00 a.m.:	Lecture
11.00 a.m. to 11.30 a.m.:	Tea
11.30 a.m. to 01.00 p.m.:	Lecture followed by discussions
01.00 p.m. to 02.00 p.m.:	Lunch
02.00 p.m. to 03.30 p.m.:	Lecture followed by discussions
03.30 p.m. to 04.00 p.m.:	Interactive Session with Participants on the day's Proceedings
04.00 p.m. :	Valedictory Function
05.00 p.m. :	High Tea
07.30 p.m. :	Dinner