

National Workshop
on
Modeling, Optimization and Their Applications
August 17 - 21, 2010
(Call for Participation)

Dear Sir/Madam,

It gives me an immense pleasure to inform you that the Department of Statistics, M. D. University, Rohtak (Haryana) is organizing a Five Day National Workshop on 'Modeling, Optimization and Their Applications' during August 17-21, 2010 sponsored by the Department of Science and Technology (DST), Government of India. The object of this workshop is to provide a platform for research scholars and teachers of the colleges and Indian Universities to share an interest in variety of aspects of Statistics/Operations Research and to impart the latest technological advances on Modeling and Optimization techniques. The interested participants will also have the opportunity to present their research papers at the workshop. Please go through the brochure for more details.

We request you to depute interested faculty members and research scholars for participation in this workshop and make this event a grand success.

The registration form is also enclosed. Please note that the last date for submission of the form is 26th July 2010 (Monday). The seats are limited to 60 only so the participants are encouraged to pre-register to secure a guaranteed place at the workshop. On hearing, the selected participants have to submit the nominal registration fee of Rs.500/- through either cash or Demand Draft in favour of the H.O.D. Statistics, M.D.University, Rohtak, payable at SBI, MDU Branch, Rohtak on or before August 10, 2010. TA/DA will be paid for the selected participants as per DST norms.

It will be preferred that all correspondence regarding the participation at the workshop be made through e-mail at: sc_malik@rediffmail.com. The participants can also download the registration form visiting our University website: www.mdurohtak.com.

With personal regards,

(Prof. S.C. Malik)
Workshop Coordinator

NATIONAL WORKSHOP

ON

MODELING, OPTIMIZATION AND THEIR APPLICATIONS

17-21 AUGUST, 2010

SPONSORED BY

**DEPARTMENT OF SCIENCE AND TECHNOLOGY
GOVERNMENT OF INDIA**

**UNDER THE SCHEME
INDIA MATHEMATICS YEAR, 2009**

ORGANISED BY

**DEPARTMENT OF STATISTICS
MAHARSHI DAYANAND UNIVERSITY
ROHTAK – 124 001 (HARYANA).**

**Prof. S. C. Malik
Workshop Coordinator
E-mail: sc_malik@rediffmail.com
Mobile No.: 09813104668**

Venue

Department of Statistics, M.D.University, Rohtak.

National Workshop on MODELING, OPTIMIZATION AND THEIR APPLICATIONS

OBJECTIVE OF THE WORKSHOP

Modeling is an important branch in Mathematical Sciences, which finds utility in almost all areas of sciences, engineering, education, economics, geography and management. The rapid development of computing technology has further raised its importance and placed great demands on its application to real life problems, particularly in the line with industrial and economic development of the country. Further, optimization is an essential exercise in all engineering disciplines and this has a special importance in engineering design where the designer is interested in getting the best performance under the given constraints of cost, weight and volume

The main object of the proposed workshop is to give exposure of concepts, skills, tools and techniques in the application area of Statistics and Operation Research. This workshop will not only take stoke of recent trends and development in the field of modeling and optimization, but will also provide an opportunity to the faculty members of colleges and Indian universities from different disciplines like Statistics, Mathematics, Operations Research, Engineering, Management and Economics to interact among themselves and also with the persons of repute from all over the country. Besides it will provide further directions to young scientists and practitioners. The interested participants will be provided an opportunity to present their research papers during the workshop.

ABOUT THE DEPARTMENT

The Department of Statistics was established in the year 1991. The Department, since inception, has been working in tune with the mission of the University to promote teaching, research and consultancy. The vision of the department is to become world class facility for service nationally and internationally through post-graduate courses, research, expertise, publications and resources in Statistics and to meet the needs of users of statistics in varied areas. One of the primary activities of the department is the pursuit of excellence through identification and nurture of exceptional talent in Statistics at different foras of higher education. The department is also offering research programmes

in Stochastic Processes – Reliability and Queuing Theory, Sampling Theory, Econometric, Information Theory and Statistical Genetics.

PROPOSED ACTIVITIES

The programme of the workshop will include key-note address, invited lectures, paper/case studies presentations and contributory papers (oral). English is the official language for all workshop materials and presentations.

WORKSHOP TOPICS

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

- Mathematical Programming – Linear and Non-Linear
- Reliability – Hardware and Software
- Survival Analysis
- Queuing Models
- Inventory Models and Total Quality Management
- Regression Models
- Inferences in Stochastic Processes
- Optimization Techniques

RESOURCE PERSONS

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

PARTICIPANTS

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

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 on or before July 26, 2010 by post/email which can also be downloaded from our university website www.mdurohtak.com. On hearing, the selected participants have to

submit the nominal registration fee of Rs.500/- through either cash or Demand Draft in favour of the H.O.D. Statistics, M.D.University, Rohtak, payable at SBI, MDU Branch, Rohtak on or before August 10, 2010.

ACCOMMODATION

The participants will be provided free accommodation and local hospitality. TA will be provided for the selected participants as per DST norms.

VENUE

The workshop will be organized in the Conference Hall of D.D.E./Department of Statistics, M. D. University, Rohtak.

Chief Patron

Prof. R. P. Hooda
Vice-Chancellor
M. D. University, Rohtak

Patron

Prof. Nathi Singh
Dean, Faculty of Physical Sciences
M.D.University, Rohtak.

Patron

Dr. S. P. Vats
Registrar
M.D.University, Rohtak.

Chairperson

Prof. Shashi Bahl
Head, Department of Statistics
M.D.University, Rohtak

Workshop Coordinator

Prof. S. C. Malik
Department of Statistics
M.D.University, Rohtak

Organizing Committee

Prof. Ashok Kumar
Department of Statistics
M.D.University, Rohtak

Prof. Madhulika Dube
Department of Statistics
M.D.University, Rohtak

Prof. Priti Gupta
Department of Statistics
M.D.University, Rohtak

Dr. R. R. Laxmi
Department of Statistics
M.D.University, Rohtak

Contact Person:

Prof. S.C.Malik, Workshop Coordinator, Department of Statistics, M. D. University, Rohtak-124 001 (Haryana), Mobile No.0-9813104668, Fax: 01262-274640, E-mail Address: sc_malik@rediffmail.com, University Website: www.mdurohtak.com

**NATIONAL WORKSHOP
ON
MODELING, OPTIMIZATION AND THEIR APPLICATIONS
17-21 AUGUST, 2010**

**Registration Form
(Last date: July 26, 2010)**

1. Name:
2. Department:
3. Teacher/Research Scholar:
4. Educational Qualification:
5. University/College/Organization:
6. Address for correspondence:
.....
.....
7. Telephone/Mobile No.:
8. E-mail address:
9. Whether presenting a paper (Yes/No):
10. Accommodation required (Yes/No):

Signature of the candidate

Head of the Department/
College/Organization
(with seal)