

ANNOUNCEMENT

WORKSHOP ON APPLICATION OF ADVANCED MULTIVARIATE STATISTICAL TOOLS IN PSYCHOLOGICAL AND EDUCATIONAL RESEARCHES

August 10 and 11, 2006

Psychology Research Unit
INDIAN STATISTICAL INSTITUTE
203, Barrackpore Trunk Road
Kolkata - 700 108

To develop orientation to Advanced Multivariate statistics in Psychology and Educational researches, Psychology Research Unit of the Indian Statistical Institute is organizing a Workshop on " APPLICATION OF ADVANCED MULTIVARIATE STATISTICAL TOOLS IN PSYCHOLOGICAL AND EDUCATIONAL RESEARCHES" during August 10 & 11, 2006 at the Kolkata Centre.

Target Group : *The target participants are the Research fellows/ scholars and Project workers of the Universities and the Institutes of India who are using Statistical Techniques.*

Broad Topics :

- *Univariate and Multivariate Analysis of Variance*
- *Stepwise and Hierarchical Regression Analysis*
- *Hierarchical and Non-hierarchical Cluster Analysis*
- *Discriminant function Analysis*
- *Exploratory and Confirmatory Factor Analysis*
- *Correspondence Analysis*
- *Item response theory*

Tentative Schedule : <http://www.isical.ac.in/~psy/ws/wsch.html>

Workshop Charges: *There is no charge for training or fees for registration in the workshop.*

Financial Support : *No financial support will be provided to the participants for traveling/ boarding and lodging. Participants will have to make their own arrangement for boarding and lodging .*

To apply : *Please fill-in the enclosed Registration Form in all detail and send it through proper sponsorship channel to Convenor, Workshop on Application of Multivariate Statistics, Psychology Research Unit, Indian Statistical Institute, 203, Barrackpore Trunk Road, Kolkata 700 108, FAX: 033-2577-6925, / 6033, Telephone(s): 25753450/25753454*
Last Date : *Last date of receiving application **15th july, 2006***

E-mail contact: psy@isical.ac.in

Website : <http://www.isical.ac.in/~psy/ws/ann.html>

(application form can also be printed from this website)

APPLICATION FORM
WORKSHOP ON APPLICATION OF ADVANCED MULTIVARIATE
STATISTICAL TOOLS IN PSYCHOLOGICAL AND
EDUCATIONAL RESEARCHES

August 10 and 11, 2006

*Psychology Research Unit,
Indian Statistical Institute,
203 Brrackpore Trunk Road,
Kolkata - 700 108
e-mail: psy@isical.ac.in
<http://www.isical.ac.in/~psy/ws/ann.html>*

-----**TO BE FORWARDED THROUGH PROPER SPONSORING CHANNEL**-----

Name (in Block Letters): Mr./Ms.

Designation :

Office Address :

Fax/e-mail Address (if any) :

Age (in completed years) :

Qualification :

Brief description of your current research and application of statistics (Give at most 10 keywords and describe your current needs in statistical methods.

Expectation (and/or requirements) from the training :

Statistical packages available in your organization and your awareness of it:

Signature of candidate with date

ENDORSEMENT

This office is sponsoring the candidature of

Mr./Ms. _____

Designation _____ *Working at* _____

for the above Workshop.

Office Seal _____

Signature of the Sponsoring Authority

(Name Designation:)

Date :

-----**Application dead-line : 15th July, 2006**-----

(This form may be copied and circulated widely from the

<http://www.isical.ac.in/~psy/ws/appli.html>. You can use separate sheet as annexure)

*Application Of Advanced Multivariate Statistical Tools
in Psychological And Educational Researches*

August 10-11, 2006

*TENTATIVE
WORKSHOP SCHEDULE*

<i>Date</i>	<i>Time</i>	<i>Topic</i>	<i>Speaker</i>
10.8.06	10:00-10:45	<i>Inauguration</i>	<i>Prof. Amita Majumder (Prof-In-Charge, Social Sciences Division, ISI, Kolkata) Dr. Anjali Ghosh (Head, Psychology Research Unit, , ISI, Kolkata), Professor Biswanath Roy (Ex-Regional Director of NCERT, Ex-Sectional President, Psychology Section, Indian Sc. Congress)</i>
	10:45-11:00	<i>Tea Break</i>	
	11:00-12:00	<i>Discussion on “ Current Needs of Statistical Methods in Psychological and Educational Research : Users’ perspectives</i>	<i>Professor Biswanath Roy Professor A.K. Chatterjee, (Dept. of Applied Psychology, C.U.) Professor B.K. Sinha (Stat- Math unit, ISI, Kolkata; Ex- Sectional President, Statistics Section, Indian Sc. Congress)</i>
	12:00-1:00	<i>Introduction to Multivariate Statistics</i>	<i>Professor Debapriya Sengupta, (Stat-Math unit, ISI, Kolkata)</i>
	1:00-2:00	<i>Lunch Break</i>	
	2:00-3:30	<i>Univariate and Multivariate Analysis of Variance</i>	<i>Professor Ayanendra Nath Basu (Applied Statistics Unit, ISI, Kolkata)</i>
	3:30-3:45	<i>Tea Break</i>	
	3:45-5:00	<i>Stepwise and Hierarchical Regression Analysis</i>	<i>Dr. Debasish Roy, (C.S.S.C. unit, ISI, Kolkata)</i>
	5:00-6:30	<i>Lab Work</i>	<i>Faculty and Research fellows of the Psychology Research Unit, ISI, Kolkata</i>

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<i>Date</i>	<i>Time</i>	<i>Topic</i>	<i>Speaker</i>
11.8.06	10:00-11:00	<i>Hierarchical and Non-hierarchical Cluster Analysis</i>	<i>Professor Debasis Sengupta (Applied Statistics Unit, , ISI, Kolkata)</i>
	11:00-11:15	<i>Tea Break</i>	
	10:15-12:45	<i>Exploratory and Confirmatory factor analysis</i>	<i>Professor Damodar Suar (Department of HSS, Indian Institute of Technology, Kharagpur)</i>
	12:45-2:00	<i>Lunch Break</i>	
	2:00-3:00	<i>Application of Correspondence Analysis</i>	<i>Dr. Debdulal Dutta Roy (Psychology Research Unit, ISI, Kolkata)</i>
	3:00-3:15	<i>Coffee Break</i>	
	3:15-4:15	<i>Discriminant function Analysis</i>	<i>Professor Debasis Sengupta (Applied Statistics Unit, , ISI, Kolkata)</i>
	4:15-5:30	<i>Item Response Theory</i>	<i>Dr. Subir Mitra</i>
	5:30 – 6:15	<i>Valedictory</i>	<i>Prof. Mallika Banerjee (Department of Psychology, Calcutta University.) Prof. Sanat Ghosh (Department of Education, Rabindrabharati University)</i>
	6:15 – 6:30	<i>Vote of Thanks</i>	<i>Dr. Rumki Gupta (Psychology Research Unit, ISI, Kolkata)</i>