University School of Management Studies
Guru Gobind Singh Indraprastha University, Delhi

Announces

TWO WEEK REFRESHER PROGRAMME
(4th DEC 2019 – 17th DEC. 2019)

ON
RESEARCH METHODOLOGY AND DATA ANALYSIS

Venue:
USMS, GGSIP University
Sector 16-C, Dwarka, New Delhi - 110078

About the University
Guru Gobind Singh Indraprastha University, Delhi (India) is a State University set up by Govt. of Delhi, for facilitating and promoting professional education and research in the emerging areas of higher education. The University has been accredited as “A” Grade by NAAC (UGC), India.

About University School of Management Studies
The University School of Management Studies (USMS) is one of the most forward-looking and dynamic B-School of the University offering management programmes with a distinct curriculum and teaching methodology. The MBA programme offered by USMS has been crafted with great care keeping in view the future needs of business. The course curriculum and pedagogy is structured based on the current needs of managers and organizations in the dynamic business environment. reflects on the sensitivity expected from the upcoming managers to the changing aspirations of the community in a rapidly evolving technological environment. USMS offers MBA full time programme and specialized programme of MBA
(Financial Analysis). The School also under its aegis offers a two-year MBA (Weekend) programme for working professionals.

**About the Workshop**

GGSIP University is organizing a two week refresher programme on “Research Methodology and Data Analysis”. The primary aim of the workshop is to provide the participants with insights and tools to conduct relevant research that would aid managerial decision making and contribute to the body of knowledge in their various areas of interest. The workshop is designed in such a manner so as to impart knowledge to integrate qualitative and quantitative approaches in research and orient the young researchers to new advance techniques for rational and scientific research. The workshop will help the participants acquaint themselves with the dynamic trends of research methodology to shape their research work in the right direction.

**Key Highlights**

The key highlights of the workshop are:

- Hands on training sessions on data handling, analyzing and deriving preliminary results.
- Sessions with varied software including MS-Excel, EViews, SPSS, AMOS, R etc.
- Practice session with model exercises.
- Discussion on the underlying assumptions of the statistical tools.
- Discussion on common errors in research.
- Discussion on the interpretations of results and presentation.
- Discussion on publication in impact-factor journals.

**Pedagogy**

The workshop will employ a holistic model in order to groom each participant in the area of research methodology and data analysis. A combination of expert lectures, hands on training sessions, experiential exercises along with demonstration of the use of software via projector will be used.

**Expected Audience**

The workshop is for faculty members, research scholars and participants from corporate world. A maximum of 40 participants will be shortlisted for the workshop and participation will be on
first come, first serve basis. The participants are required to bring their laptop for the hands on sessions.

**Resource Persons**

The course content will be delivered by the experts on the subject from reputed academic institutes i.e. IIT’s, IMs and NIT’s. Apart from academicians, experts from industry will supplement the practical aspects of the course contents.

**Participation Fees**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Category</th>
<th>Participation Fee (Rs.)</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Participants from Corporate</td>
<td>Rs. 5000/-</td>
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<tr>
<td>2.</td>
<td>Faculty Members (Foreign nationals)</td>
<td>Rs. 5000/-</td>
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<tr>
<td>3.</td>
<td>Faculty Members (Indian)</td>
<td>Rs. 4000/-</td>
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<td>4.</td>
<td>Research Scholars</td>
<td>Rs. 3000/-</td>
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Fee is payable by demand draft in favor of the ‘Registrar, Guru Gobind Singh Indraprastha University’ payable at Delhi. The payment should be sent to the Conference Coordinator and should be accompanied by details of the participant i.e. Name, Designation (if any), Institution/Organization, Mailing Address, Telephone / Mobile No. and E-mail along with the duly filled up Delegate Registration form latest by 20th Nov., 2019. Confirmation of participation will be communicated by 25th November, 2019 through e-mail.

* Fee includes meals and tea/coffee in between the sessions and provision of course material.

**Mailing address for sending the filled registration form (ONLY DULY SIGNED HARD COPY) and demand draft**

Dr. Ashish Kumar  
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FDP - Coordinator  
+91-9871322676

Ms. Bharti  
Assistant Professor, USMS  
FDP- Co-coordinator  
+91-8373904660

University School of Management Studies, D Block, GGSIP University, Dwarka, Sector 16 C, New Delhi -110078

Email: fdp.usmsggsipu@gmail.com
PATRON
Prof. (Dr.) Mahesh Verma
Vice Chancellor, GGSIP University, Delhi (India)

FDP CONVENER
Prof. Neena Sinha
Dean, University School of Management Studies

FDP COORDINATOR
Dr. Ashish Kumar

FDP CO-COORDINATOR
Ms. Bharti
University School of Management Studies, D Block, Dwarka Sector 16 C
GGSIP University, Delhi-110078
<table>
<thead>
<tr>
<th>Date</th>
<th>Session I (09:30 - 11:00 AM)</th>
<th>Tea (11:00 - 11:15 AM)</th>
<th>Session II (11:15 - 01:00 PM)</th>
<th>Lunch (01:00 - 01:30 PM)</th>
<th>Session III (01:30 - 04:30 PM)</th>
<th>Networking Tea (4:30 PM)</th>
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<tbody>
<tr>
<td>December 4, 2019</td>
<td>Inauguration</td>
<td></td>
<td>Research for Modern days Scholar</td>
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<td>Thrust Areas of Research</td>
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<td>December 5, 2019</td>
<td>Writing Research Proposals</td>
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<td>How to Publish in high Impact Journals</td>
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<td>How to Review the Literature</td>
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<tr>
<td>December 6, 2019</td>
<td>Introduction to Excel and EViews , Data Entry (Hands on)</td>
<td>Descriptive Statistics, Normality testing (Hands on)</td>
<td>Analytical techniques and Tests (Hands on)</td>
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<td>December 7, 2019</td>
<td>Parametric and Non parametric tests</td>
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<td>Hypothesis testing</td>
<td></td>
<td>Correlation and Regression - types and assumptions</td>
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<td>December 9, 2019</td>
<td>Regression analysis, Special cases (Dummy variables)</td>
<td>Analysis of Variance- one way and two way classification,</td>
<td>ANCOVA, MANOVA, MANCOVA</td>
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<td>December 10, 2019</td>
<td>Multiple regression</td>
<td></td>
<td>PROBIT, LOGIT models</td>
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<td>Practical session</td>
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<td>December 11, 2019</td>
<td>Multinomial and ordinal logistic regression</td>
<td>Panel data regression</td>
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<td>Practical session</td>
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<td>December 12, 2019</td>
<td>Data Envelopment Analysis</td>
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<td>Network DEA, Boot Strapping</td>
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<td>Practical Session</td>
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<td>December 13, 2019</td>
<td>Factor Analysis</td>
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<td>Exploratory factor analysis,</td>
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<td>Confirmatory factor analysis</td>
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<td>December 14, 2019</td>
<td>Structural Equation Modelling</td>
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<td>December 16, 2019</td>
<td>Time series analysis Unit Root Testing, Cointegration</td>
<td>Vector Auto Regression /SVAR</td>
<td>VECM / GRANGER CAUSALITY TEST</td>
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<td>December 17, 2019</td>
<td>GARCH/EGARCH/TGARCH/PGARCH</td>
<td>Bi/Multi variable GARCH VECH/BEKK Models</td>
<td>CCC and DCC GARCH</td>
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ORGANIZED BY

UNIVERSITY SCHOOL OF MANAGEMENT STUDIES
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

REGISTRATION FORM

NAME OF PARTICIPANT (Dr./Mr./Ms.): ____________________________________________

DESIGNATION: _________________________________________________________________

COMPANY/INSTITUTE/UNIVERSITY: ______________________________________________

ADDRESS: ____________________________________________________________________

______________________________________________________________________________

CITY: __________________ STATE: ____________ PIN: _____________________________

TELEPHONE: _____________________________ (WITH STD CODE)

MOBILE NO: __________________________

E-MAIL: _____________________________________________________________________

REGISTRATION FEE DETAILS

DEMAND DRAFT NO. / RECEIPT NO: ______________________________________________

NAME & BRANCH OF THE BANK: ________________________________________________

AMOUNT: _____________________________________________________________________

DATE: _______________________________________________________________________

(Signature)