TEQUIP-II SPONSORED SHORT TERM COURSE

“QUANTITATIVE METHODS IN SOCIAL SCIENCE RESEARCH”

Humanities & Social Sciences Department, Indian Institute of Technology Kharagpur

Objective
Empirical research in social sciences has increasingly become popular. Such research requires an in-depth theoretical knowledge of statistics and econometric methods, backed up by proficiency in statistical and econometric software.

The objective of the Short Term Course (STC) is to cover the theoretical foundations of statistical and econometric analysis and demonstrate, through in-class assignments, how econometric software may be used to formulate and test research hypotheses.

Modules of STC
The STC will cover the following areas:
- Hypothesis testing
- Regression: Estimation, diagnostics, specification and dummy independent variables
- Panel data
- Binary dependent variables
- Applications

The econometric software used will be STATA and EVIEWS, which are currently the most popular econometric softwares used in social sciences. The lab classes will take the form of in-class assignments. There will be an examination testing theoretical knowledge on the last day.

Resource persons
Invited resource persons will be faculty with rich experience in data handling and analysis. They are associated with institutes of excellence like Indian Institute of Technology Kharagpur and Indian Statistical Institute Kolkata.

Target participants
Participants should be faculty members, registered Research Scholars or employees of finance and analytical companies. They should have a Masters in Social Sciences (Economics \ Commerce \ Psychology \ Management, etc.).

Duration
The STC will be held from 20 March (Monday) – 24 (Thursday) March 2017 at IIT Kharagpur.

Fees

<table>
<thead>
<tr>
<th>Category</th>
<th>Course Fees</th>
<th>Travel</th>
<th>Boarding and lodging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty &amp; Research Scholar from TEQUIP institutes</td>
<td>Free</td>
<td>3AC, by shortest distance</td>
<td>At IIT Guest House. Will be reimbursed by MHRD on actual basis.</td>
</tr>
<tr>
<td>Faculty &amp; Research Scholar from non-TEQUIP institutes</td>
<td>Rs.2,500</td>
<td>Self</td>
<td>Participants will have to bear their own expenses. Arrangements can be made at IIT Guest House on basis of availability. For estimated costs, please contact co-ordinators.</td>
</tr>
<tr>
<td>Sponsored</td>
<td>Rs. 6,000</td>
<td>Self</td>
<td></td>
</tr>
</tbody>
</table>

Fees to be paid to: CEP-STC, A/C No 9556 220 000 2955, Syndicate Bank, Branch: SRIC, IIT Kharagpur, IFSC SYNB0009556, MICR 721025103, SWIFT Code: SYNBINBB120.

Procedure
Interested applicants should apply in the enclosed application form, forwarded by respective Heads of Institutions. Scanned copy of such applications should reach the co-ordinators within 15 February 2017.

Dr. Zakir Husain, Associate Professor, HSS department, IIT Kharagpur
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Dr. Inder Sekhar Yadav, Assistant Professor, HSS department, IIT Kharagpur
Email: yadavis@hss.iitkgp.ernet.in; Tel: 03222-283622 / 7585859910
APPLICATION FORM
(Please fill using block letters)

1. Name:
2. Address for communication:
3. Email:
4. Telephone No:
5. Date of Birth:  d d / m m / y y y y
6. Gender: Male / Female
7. Accommodation required: Yes / No  From: 19 / 20 March  To: 24 March
8. Diet: Vegetarian / Non-vegetarian
9. Educational qualification:
10. Affiliated Institute:
11. Designation:

Date:  
Signature

The application of ........................................................... is forwarded with the undertaking that, if the applicant is selected for the STC, leave will be granted to him/her for attending the STC.

Dated:  
Head of Institute with seal