



**Institute of Economic Growth (IEG)**  
**FASAL WORKSHOP PROGRAMME, 6<sup>th</sup> March (Monday), 2017**

**“Quantitative Techniques for Estimation and Forecasting of Economic Indicators” organised by  
 FASAL Team, Institute of Economic Growth (IEG), Delhi**

Venue: VKRV Rao Room, IEG, Delhi University Enclave (North Campus), Delhi 110 007.  
 Landmark: Opposite Kirori Mal College and adjacent to Hansraj College Hostel Gate and Faculty of  
 Management Studies  
 Phone: +91-11-27666364/6367, 27667101/7288/7365/7424

<b>9:30 AM to 10:00 AM Registration and Tea</b>	
<p><b><i>Inaugural Session</i></b>  <b>10:00 AM to 10:45 AM</b></p> <p>Chair: Shri. Tarun Das,            Chairman, IEG</p>	<p><b><i>Introduction</i></b>            Nilabja Ghosh, FASAL, IEG</p> <p><b><i>Welcome Address</i></b>            Prof. Manoj Panda, Director, IEG</p> <p><b><i>Speakers</i></b>            Dr. S. K. Mukherjee, ESA, MoAFW            Dr. Shibendu Ray, Director, MNCFC            Prof. Brajesh Jha, AERU, IEG</p> <p><b><i>Vote of Thanks</i></b>            Anita Kumari, FASAL, IEG</p>
<b>10.45 AM to 11:00 AM Tea</b>	
<p><b>Session-I</b>  <b>11:00 AM to 12:15 PM</b>  <b><i>Crop Forecasting            Techniques and            Applications</i></b>            Chair: Shri. Rajeev Lochan            Advisor, MoAFW  <b><i>Overview of Practices</i></b></p>	<p><b><i>Pre-harvest Forecasting of Crop Yield</i></b>            Ranjana Agrawal, Former Head, Division of Forecasting, IASRI and            Amrender Kumar, Senior Scientist, IARI</p> <p><b><i>Applications by FASAL Partners</i></b></p> <p><b><i>Early Season Forecasting of Crops by FASAL Econometric Model</i></b> by IEG  <b><i>Forecasting Weather and Agriculture Output</i></b> by IMD  <b><i>Crop production forecasting using Satellite Data</i></b> by MNCFC</p> <p><b><i>Discussion</i></b></p>
<p><b>Session-II</b>  <b>12:15 PM to 1:15 PM</b>  <b><i>Quantitative Applications            in Food, Nutrition and            Inflation</i></b>            Chair: Dr. Param Jit            Associate Professor, DSE            (DU)  <b><i>Overview of Consumer            Demand</i></b></p>	<p><b><i>Availability of Food and Nutrients in India: The Food Balance Sheet Approach</i></b>            Ankush Agrawal, Assistant Professor, IIT Delhi</p> <p><b><i>Food Inflation in India: Trends and Determinants</i></b>            CSC Sekhar, Professor, IEG and Yogesh Bhatt, Researcher, IEG</p> <p><b><i>Demand Modelling for Crops</i></b>            Parmod Kumar, Professor, ISEC</p> <p><b><i>Discussion</i></b></p>
<b>1:15 PM to 2:00 PM Lunch</b>	

<p align="center"><b>Session-III</b> <b>2:00 PM to 3:15 PM</b> <b><i>Quantitative Applications in Agriculture, Industry and Finance</i></b> Chair: Prof. Usha Tuteja Former Director, Agro Centre, Delhi Univ.</p>	<p><b><i>Techniques of Technical Efficiency Measurement</i></b> BN Goldar, Former Professor, IEG</p> <p><b><i>Testing Effectiveness of Futures Markets in Agricultural Commodities - A Case Study of Channa Futures Market In India</i></b> Mandira Sarma, Associate Professor, JNU</p> <p><b><i>Climate Change Mitigation Policies Vs. Productivity Shocks in a Dynamic CGE Modeling Framework for India</i></b> Basanta K Pradhan, Professor, IEG and Joydeep Ghosh, Director, NGO</p> <p><b><i>Discussion</i></b></p>
<p><b>3:15 PM to 3:30 PM Tea</b></p>	
<p align="center"><b>Session-IV</b> <b>3:30 PM to 4:30 PM</b> <b><i>Quantitative Applications for the Macro Economy</i></b> Chair: Prof. Basanta K Pradhan, Head DPC, IEG</p>	<p><b><i>Dynamic Macro-Econometric Model for the Indian Economy using Now casting Techniques</i></b> Soumya Bhadury, Associate Fellow, NCAER</p> <p><b><i>Estimation of Energy use in the Agriculture Sector in India</i></b> Ritu Mathur, Director, MEAD, TERI and Prakriti Prajapati, Research Associate, TERI</p> <p><b><i>Estimating Linkages between Indian and International Financial Markets</i></b> Divya Tuteja, Assistant Professor, DSE (DU)</p> <p><b><i>Discussion</i></b></p>
<p align="center"><b>Session-V</b> <b>4:30 PM to 5:00 PM</b> <b><i>Concluding Session</i></b>  Chair: Prof. Manoj Panda, Director, IEG</p>	<p><b><i>Remarks from Experts and Official Users and Discussion</i></b> Prof. KL Krishna, Chairperson, MIDS &amp; Former Professor, DSE (DU) Prof. Surender Kumar, DSE, DU Shri. D K Sinha, Director (PSD), CSO Prof. N. Chandrasekhara Rao, AERU, IEG Ministry of Agriculture &amp; Farmers Welfare (MoAFW) Other reputed experts and data users</p>
<p><b>5:00 PM Tea</b></p>	