

Technical Session 7 - 03:30 pm to 05:30 pm

Lab Session

**Day 3 (15 November, 2019)**

Technical Session 8 - 09:00 am to 11:00 am

Introduction to Logit and Probit Models

Technical Session 9 - 11:15 am to 01:15 pm

Introduction to Simultaneous Equation Models

&

Lab Session

Technical Session 10 - 02:00 pm to 04:00 pm

Time series Concepts - Stationarity-

Unit Root Test- Co-integration- ECM- Granger Causality

Technical Session 11 - 04:15 pm to 05:00 pm

Lab Session

### 1) How to apply:

Registration forms can be downloaded from University website <http://www.uni-mysore.ac.in/>. Duly filled in Registration form shall be sent to us on or before 25 October, 2019 through post Addressing Dr. Mahesha M, Professor, DOS in Economics & Co-operation, Manasagangothri, University of Mysore, Mysuru, Karnataka -570006 or through

**email: basiceworkshop2019@gmail.com**

### 2) Scope of the Workshop:

The workshop is interdisciplinary targeting Faculty Members of Economics, Commerce, Management Studies and Industry Professionals/ Research Scholars.

<b>Registration Fee</b>	Research Scholars Without Accommodation	- 1500
	Research Scholars With Accommodation	- 2000
	Faculty Members Without Accommodation	- 2000
	Faculty Members With Accommodation	- 2500

The selected participants will be intimated to pay the Registration fee.

The registration fee includes local hospitality at venue, Working Lunch, Kit, analytical tools and workshop materials.

No TA/DA shall be provided.

Note: Certificate will be issued only to those participants who have attended all the sessions.

4) The workshop accommodates 50 participants on first come first serve basis.

### 5) Important Dates:

Last date for Submission of filled in application:

25/10/2019

Intimation of Acceptance: 26/10/2019

Last date for Fee payment: 02/11/2019

### Organising Committee

Organising Secretary

**Dr. Mahesha M**

Professor of Economics,

University of Mysore, Manasagangothri,

Mysuru - 570006.

Joint Secretary

**Dr. Dinesha M V**

Assistant Professor of Economics,

University of Mysore,

Manasagangothri, Mysuru.

### Organising Committee Members

**Prof. S. Mahendrakumar**

Chairperson and Professor,

DOS in Economics and Cooperation

University of Mysore,

Manasagangothri, Mysuru.

**Prof. S. Indumati**

Former Vice Chancellor

and Professor of Economics,

University of Mysore,

Manasagangothri, Mysuru.

**Dr.D.V. Gopalappa**

Professor of Economics,

University of Mysore,

Manasagangothri, Mysuru.

**S.M. Basavaraju**

Associate Professor of Economics,

University of Mysore,

Manasagangothri, Mysuru.

**Dr. Navitha Thimmaiah**

Assistant Professor of Economics,

University of Mysore, Manasagangothri, Mysuru.

### Workshop Co-ordinators

**Chethana B**

Assistant Professor of Economics,

Govt. First Grade College, Saligrama.

**Manjunatha G**

Assistant Professor of Economics

Govt. First Grade College, Bellare.

### Contact Details

**Dr. Mahesha M,**

Professor of Economics, University of Mysore,

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**Chethana B**

Assistant Professor of Economics,

GFGC Saligrama,

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**Manjunatha G,**

Assistant Professor of Economics,

GFGC Bellare,

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University of Mysore



**THREE DAYS NATIONAL LEVEL WORKSHOP**

**ON**

**“BASIC ECONOMETRICS”**

**13 - 15, November, 2019**

**Organised by**

**Department of Studies in Economics and Co-operation**

**Manasagangothri, University of Mysore,**

**Mysuru, Kamataka.**

**Phone: 0821 2419534/537**

To,



### Concept Note:

The Importance of Empirical Economics and Econometric methods have greatly increased during the last two decades due to the availability of better data and the use of computers and statistical packages. In this information-driven world we need quickly to obtain complete and convincing statistical results. This is only possible if the appropriate econometric methods are applied. With this end, this workshop provides the participants both with the required insight in econometric methods and with the practical training needed for successful applications.

Researchers, academicians and practitioners will regularly be confronted with results of quantitative economic and business research. Therefore they must have knowledge about quantitative econometric methods: they should know how models arise, what the underlying assumptions are, and in what way estimates of parameters or other economic quantities are computed. This workshop meets all these requirements. In this course, economic theory is combined with econometric practice by showing and exercising its use with software packages.

Through this workshop participants will get a clear understanding of econometric practice and the underlying econometric theory. The integration of econometric theory, its application and the use of econometric software distinguishes this workshop from other workshops in econometrics. The main feature of the workshop is the strong integration of econometric theory and matching software to apply the theory.

### About the University:

The University of Mysore was established on 27th July, 1916 during the benevolent reign of the Maharaja of Mysore, His Highness Nalvadi Krishnaraja Wodeyar (1884-1940). The genesis of the University of Mysore stems from a five year long in-depth reading and analysis on higher education across the globe. The mission of the University of Mysore, laid down in the 1916 regulations published in the Mysore Gazette Extraordinary, aims at 'promoting teaching and research in conventional and traditional domains of Arts, Humanities, Pure and Applied Sciences and Professional disciplines'. Sir M Visvesvaraya (1860-1962) played a decisive role in the launch of the University. The University, since then, has gone through different phases of development. Started with just two faculties, namely Arts and Science offering B.A., B.Sc., B.Com and B.T. courses, the University added Engineering faculty in 1917, M.A. programs at Maharaja's College, Mysore in 1918, M.Sc. program at Central College, Bangalore in 1919 and the faculty of Medicine in Mysore during 1924, thus laying a firm foundation for the multi-faculty character of the university. In 1941, new courses leading to B.A. Honours were added.

Beginning with just 11 departments in 1916 today it has grown to strength of 54 Post graduate departments, three post graduate centres, four constituent colleges, 202 affiliated colleges, 49 recognized research centres and 38 outreach centres spread over different parts of the country and abroad. UoM is the mother of four Universities including Bangalore University, Mangalore University, Kuvempu University, Shivamogga and Karnataka State Open University. It has been accredited for the third time by NAAC with the score of 3.47 point scale and A- Grade. Current Science has ranked the University of Mysore as one of the top 20 Universities in Scientific and Research activities.

### About the Department:

The Department was established in the year 1916 with Under Graduate course in Economics. The Post-Graduate course was started in 1921 and the department was shifted to Manasagangothri Campus in 1960. Eminent Economists like Dr. N.S. Subba Rao, Dr. V.L. D'Souza, Dr. M.H.Gopal, Dr. G.T. Hutchappa, Dr. A.P. Srinivasamurthy, Dr. S.M.Verraraghavachar and Dr. M. Madaiah enabled the Department to attain the national and international stature. Distinguished Nobel Laureates Prof. J.R.Hicks, Prof. Kenneth J. Arrow visited the department. Economists Dr. D.M. Nanjundappa, Dr. K. Venkatagirigowda, Dr. G.T. Thimmaiah, Dr. K.S. Nanjundaih and Mr. S. Rangachar of World Bank, Dr. V.K.R.V. Rao, Dr. Raja Chellaiah, Prof. Cynthia Wyaat, Dr. Rangarajan, Prof. Panchamukhi are some of the distinguished visitors in the last few decades. The Department holds distinction of having Dr. M. Madaiah, Prof. S. Bisalaiah, Prof. S. Indumati and Prof. Manjappa. D. Hosamani, served as Vice Chancellors of University of Mysore, University of Agricultural Sciences, GKVK (Bengaluru), Davanagere University, and Vijayanagara Sri Krishnadevaraya University, respectively making department proud and bringing it laurels.

The department offers M.A. in Economics, M.A. in Co-operative Management, M.Phil in Economics and Ph.D in both Economics and Co-operation with Course work. The Vision of the Department is to prepare students and researchers as competent economists globally and contribute for the nation's progress through inclusive growth and sustainable development.

In this pursuit, the Department has State Bank of Mysore Endowment Chair instituted in 1996 and Planning Commission Endowment Chair instituted in 2004, Planning Forum, Endowment Lectures organized all throughout the year, faculty club, and Computer facility. Distinguished faculty members have also involved actively themselves in various research activities and projects funded by UGC, ICSSR, various Departments and Ministries of Government of India and Government of Karnataka.

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### About Resource Persons

**Dr. Mahesha M**, Professor of Economics, teaches at University of Mysore and is well known scholar in Econometrics, Micro Economic Analysis, Efficiency and Productivity Analysis, and Mathematical and statistical Economics. He has vast teaching and research experience of more than twenty years. He has published 5 books, more than 50 articles in National and International refereed journals. He has been resource person for various conferences, workshops and training programmes in different parts of India.

**Dr. Navitha Thimmaiah**, Assistant Professor of Economics at University of Mysore. Her area of specialization is Quantitative Methods for Economics, Econometrics, Research Methodology, Micro Economics and Managerial

Economics. She has published more than 50 research articles in refereed Indian and international journals. She has been served as resource person for various conferences and workshops in different parts of India.

**Dr. Premakumara G S**, Assistant Professor of Economics at University of Mysore. His area of specialization is Mathematics for Economics, Statistics for Economics, Econometrics, and Data Analysis. He has published many research articles in refereed Indian and international journals. He has also been served as resource person for various conferences and workshops in different parts of India.

## Workshop Schedule

### Day 1 (13 November, 2019)

Registration: 09:00 am to 10:00 am

Inauguration: 10:00 am to 11:00 am

**Technical Session 1-** 11:15 am to 01:15 pm  
Introduction to Econometrics and Its Applications  
Probability - Random Variables - PMF - PDF - Distributions - Normal - t- F - Chi square

**Technical Session 2 –** 02:00 pm to 03:15 pm  
Introduction to Classical Linear Regression Model Assumptions of Classical Linear Regression Model Gauss-Markov Theorem

**Technical Session 3 –** 03:30 pm to 05:30 pm  
Concept and Estimation of Simple and Multiple Regression  
Interpretation of Regression results –  $R^2$  and Adjusted  $R^2$  - Testing Regression Coefficients

### Day 2 (14 November, 2019)

**Technical Session 4 –** 09:00 am to 11:00 am  
Multicollinearity - Nature - Causes - Effects - Detection – Remedies  
Heteroscedasticity - Nature - Causes - Effects - Detection – Remedies

**Technical Session 5 -** 11:15 am to 01:15 pm  
Autocorrelation - Nature - Causes - Effects –  
Detection – Remedies  
&  
Lab Session

**Technical Session 6 -** 02:00 pm to 03:15 pm  
Dummy Variable Regression Model  
Problems of Specification  
Error - Types of Misspecification – Issues



Department of Studies in Economics and Co-operation  
University of Mysore, Mysuru – 570006.

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***Registration Form***

THREE-DAY NATIONAL LEVEL WORKSHOP

ON

**“BASIC ECONOMETRICS”**

13<sup>th</sup> , 14<sup>th</sup> and 15<sup>th</sup> November, 2019

Name:.....

Designation:.....

Institute/ Organisation:.....

Address for Communication:.....

.....

Phone: .....

Email:.....

Registering as: Faculty Member ( ) / Research Scholar ( ) / Others ( )

Accommodation Required: Yes [ ] No [ ]

Place: .....

Date:.....

Signature of Participant

Signature of Guide/ Chairperson/ Principal