

***Five Day National Workshop on
Applied Econometrics for Finance and Management***

held during

5th to 9th February 2011

Organized by

Department of Commerce and Financial Studies

Bharathidasan University

Tiruchirappalli- 620 024, Tamil Nadu, INDIA

SMART Journal of Business Management Studies

(A Professional, Refereed, International and Indexed Journal)

www.smartjournalbms.org

Venue

Bharathidasan University

Organizer

Dr. S. Vanitha

Workshop Secretary and Assistant Professor
Dept. of Commerce and Financial Studies,
Bharathidasan University, Tiruchirappalli-620024,
Tamil Nadu

Dr. M. SELVAM

Workshop Director
Head, Dept. of Commerce and Financial Studies
Bharathidasan University
Tiruchirappalli -620 024
&
Founder - Publisher & Chief Editor
SMART Journal of Business Management Studies
Phone (0) +91-431-2407029, 2407071
(Extn- 619), Mobile +91-9443025112

21

Five Day National Workshop
on

**Applied Econometrics for
Finance and Management**

Important Dates

January 20 th 2011	Registration Deadline
February 5 th - 9 th 2011	Dates of Workshop

Organized by



Department of Commerce and Financial Studies

Bharathidasan University

Tiruchirappalli-620 024, Tamil Nadu, India

and

SMART Journal of Business Management Studies

Funded by

The Indian Econometric Society

and

University Grants Commission

The Indian Econometric Society

The Indian Econometric Society (TIES) is a registered society under Public Societies Registration Act, formed in 1960. It is one of the oldest and largest body of professional econometricians and applied economists with more than 2500 members from all over India and abroad. The TIES also assist in organizing short term courses and workshops in econometrics with the help of various academic institutions, for the benefit of the younger generation of econometricians and for the formulation of policy and industrial practices.

Department of Commerce and Financial Studies

The Department of Commerce was created in Bharathidasan University in the year 1998 with the objective of promoting research, teaching and training in the frontier fields of Commerce. The Department has become a pioneer in the area of finance. It offers M.B.A (Financial Management), M.Phil Management under full time and Ph.D in Commerce as well as Management under full time programme. The area of research in the Department includes corporate finance, mergers and acquisitions, investment management, capital markets, credit management, risk management and so on.

SMART Journal of Business Management Studies

SMART Journal of Business Management Studies is an international refereed Journal, published bi-annually by the Scientific Management and Advanced Research Trust (SMART). It is dedicated to the promotion and development of research in general and to the field of business management in particular. The Trust also wants to conduct seminars and workshops which would enhance the quality of research.

The Theme of the Workshop

The Department of Commerce and Financial Studies in its pursuit of excellence, organizes seminars, conferences and workshops on a regular basis. It proposes to organize a Five Day Workshop on "Applied Econometrics for Finance and Management" in association with SMART Journal of Business Management Studies, funded by The Indian Econometric Society and the University Grants Commission.

The research in the area of Finance and Management has become complex because it requires tremendous knowledge on empirical analysis. In this highly competitive world where only the fittest can survive, this workshop would help each and every scholar and teacher to overcome the competition and reach to great heights. Against this background, the workshop is organized with the main objective to train young researchers and teachers to gain exposure to applied econometrics, computer applications and empirical analysis. The workshop would train the participants on the following themes to achieve the above objective :

❑ Basic Econometrics

- ◆ Bivariate Regression Model
- ◆ Multiple Regression Model
- ◆ Mutlicollinearity
- ◆ Heteroskedasticity
- ◆ Autocorrelation
- ◆ Model Specification error
- ◆ Simultaneous Equation System, and
- ◆ Forecasting

❑ Time Series

- ◆ Introduction to Times Series Data and Serial Correlation
- ◆ Stationarity and Non-Stationarity
- ◆ Testing for Unit Roots
- ◆ Cointegration
- ◆ Causality
- ◆ ARIMA Models
- ◆ ARCH, GARCH Models
- ◆ Vector Auto Regressions (VAR), and
- ◆ Time Series Forecasting

Guidelines for Registration

- ☐ Participation as delegate is invited from teachers and scholars in educational institutions and universities.
- ☐ Only 25 Delegates would be permitted on first come first served basis. Teachers would be given preference. The selected participants alone would be invited to attend the Workshop.
- ☐ Registration could be made after receiving the filled in Registration Form from the teachers/scholars. However, participants may also submit their registration as an e-mail attachment by using MS Word to drmselvam@yahoo.co.in.
- ☐ The use of e-mail is encouraged for all further correspondence including acceptance of letter, invitation, etc. Acceptance for participation will be sent to the delegates only through e-mail.

Registration Fee

- ☐ Rs. 300 per delegate for faculty members / faculty scholars (without accommodation)
- ☐ Rs. 200 per delegate for M.Phil and PhD research scholars (without accommodation)

The registration fee covers lunch and tea. The fee should be paid in the form of cash / crossed DD drawn in favour of **SMART Journal** payable at **Tiruchirappalli**. The fee for the accompanying person is the same as that of delegates of the respective category.

Travel and Accommodation

The participants are requested to make their own travel arrangements. The accommodation will be provided on payment, only to limited out station delegates on first come first served basis. No TA & DA will be paid to the participants. Advance intimation about travel plan of the delegates will be much appreciated.

How to reach the Workshop Venue

The City of Tiruchirappalli is also well known by its shorter form of "Trichy". The main campus of Bharathidasan

University is located 16 kms away from Trichy City on Trichy-Pudukkottai Highway (NH-45) and 350 kms from Chennai. The simplest and most economical way to reach University from Trichy City is by bus. Any city bus at Trichy will take you to the Central Bus Stand and board Pudukkottai - bound bus. K-1 Series of town bus are available every 45 minutes from the Central Bus Stand, Trichy. The journey time from Trichy will be around 30 minutes. The executive way of reaching University will be hiring a taxi. Taxis may charge around Rs.300/-.

The address for Correspondence

Dr. M. Selvam

Workshop Director

Associate Professor and Head,
Department of Commerce and Financial Studies,
Bharathidasan University
Triuchirappalli-620024, Tamil Nadu
&

Founder-Publisher and Chief Editor,
SMART Journal of Business Management Studies

Dr. S. Vanitha

Workshop Secretary

Assistant Professor

Department of Commerce and Financial Studies
Bharathidasan University, Triuchirappalli



Contribute Articles and Subscribe to

SMART Journal of Business Management Studies

(An International Referred Serial)

Visit

www.smartjournalbms.org

REGISTRATION FORM

Name :

Gender :

Age/ Date of Birth :

Qualifications :

Name and address of organization :

Phone:

Fax:

E-mail:

Residential Address: .

Total experience of Teaching and Research

Knowledge of Computer / Statistics / Econometrics (✓ mark)

COMPUTER	fair	fairly good	good	very good
STATISTICS	fair	fairly good	good	very good

Accommodation required : Yes/ No

How this course will benefit you?

I certify that the information given in this form is correct to the best of my knowledge and understanding. I will abide by the rules of the organization during the training session.

Date: _____ Signature: _____

Place:

Office Seal

Note: The photocopy of this form can be used.

4.00 pm : **Valedictory Function**
 Presidential Address : **Dr. T.Ramaswamy**
 Registrar, Bharathidasan University
 Felicitation : **Dr. M. Babu and Dr. J. Gayathri**
 Assistant Professors, Dept. of Commerce
 Bharathidasan University
 Valedictory Address : **Prof. N.R. Bhanumurthy**
 Secretary, The Indian Econometric Society &
 Professor, National Institute of Public
 Finance and Policy, New Delhi

Name of the Resource Persons	Name of the Software Experts
Prof. N. R. Bhanumurthy National Institute of Public Finance and Policy, New Delhi	D.Kothadia Ketan P.Chourey Reshma A.Bhavsar Anuradha
Prof. K. Narayanan Indian Institute of Technology, Mumbai	
Prof. M. Ramchandran Pondicherry University, Pondicherry	
Dr. K. Shanmugan The M.S University of Baroda, Baroda	
Dr. Debashish Acharya University of Hyderabad, Hyderabad	

Dr. M. Selvam
Workshop Director
Associate Professor and Head
Department of Commerce and
Financial Studies
Bharathidasan University
&
Founder-Publisher and Chief Editor
SMART Journal of Business Management Studies

Dr. S. Vanitha
Workshop Secretary
Assistant Professor
Department of Commerce and
Financial Studies
Bharathidasan University

Contribute Articles and Subscribe to
SMART Journal of Business Management Studies
 (An International Serial of Scientific Management and Advanced Research Trust)
 Visit : www.smartjournalbms.org

Five Day National Workshop on

Applied Econometrics for Finance and Management

5th - 9th February 2011



Organized by



DEPARTMENT OF COMMERCE AND FINANCIAL STUDIES

Bharathidasan University

Tiruchirappalli-620 024

Tamil Nadu, India

www.bdu.ac.in

and

SMART Journal of Business Management Studies

www.smartjournalbms.org

Funded by

The Indian Econometric Society

and

University Grants Commission

*All are cordially invited to the Inaugural Function of the
Five Day Workshop on*

Applied Econometrics for Finance and Management

Venue : A/C Auditorium (Near Maths Department)
Bharathidasan University, Main Campus

05.02.11 - Saturday

- 9.00 am : **Registration**
9.30 am : **Inaugural Function**
Presidential Address : **Dr. (Mrs). K. MEENA**
Vice Chancellor, Bharathidasan University
Special Address : **Dr. K. Shanmugan**
The M.S University of Baroda, Baroda
11.45 am to 1.30pm : **Plenary Session-I**
Basic Statistical Analysis/ Data Analysis
2.30 pm to 4.00pm : **Plenary Session-II**
Construction of Models
4.15 pm to 5.30pm : **Plenary Session-III**
Econometric Inference
5.30 pm to 7.30pm : **Plenary Session-IV**
Practical Session

06.02.11- Sunday

- 9.00 am to 10.45am : **Plenary Session-V**
Multicollinearity and Auto-correlation
11.00 am to 12.30pm : **Plenary Session-VI**
Heteroscedasticity and Model Specification and
Diagnostic Testing
12.30 pm to 1.30pm : **Plenary Session-VII**
Dummy Variables and Modeling
2.30 pm to 3.30pm : **Plenary Session-VIII**
Some Aspects of Qualitative Modeling
3.30 pm to 5.15pm : **Plenary Session-IX**
Simultaneous Equation Model and Identification
5.15 pm to 7.15pm : **Plenary Session-X**
Practical Session

07.02.11- Monday

- 9.00 am to 10.30am : **Plenary Session-XI**
Introduction to Time Series
10.45 am to 12.30pm : **Plenary Session-XII**
Univariate Time Series Modeling
12.30 pm to 1.30pm : **Plenary Session-XIII**
Forecasting with Univariate Time Series
2.30 pm to 5.30pm : **Plenary Session-XIV**
VAR and Structural VAR
5.30 pm to 7.30pm : **Plenary Session-XV**
Practical Session

08.02.11- Tuesday

- 9.00 am to 12.30pm : **Plenary Session-XVI**
ARCH and GARCH Models
1.30 pm to 3.45pm : **Plenary Session-XVII**
Co-integration and Error Correction
4.00 pm to 5.00pm : **Plenary Session-XVIII**
Problems of Time Series Modeling
5.00 pm to 7.00pm : **Plenary Session-XIX**
Practical Session

09.02.11-Wednesday

- 9.00 am to 10.30am : **Plenary Session-XX**
Introduction to Forecasting &
Problems in Forecasting
10.45 am to 12.30pm : **Plenary Session-XXI**
Various Models of Forecasting
12.30 pm to 1.30pm : **Plenary Session-XXII**
Modeling and Research in Finance and Management
2.30 pm to 3.30pm : **Plenary Session-XXIII**
Practical Session

திருச்சி சிட்டி தீபம்

சென்னை 6/2/2011

தினமலர் மக்கள் சேவையில் ஆண்டுகள் 60

தேசிய பயிலரங்க துவக்க விழா

திருச்சி, பிப். 6-

திருச்சி பாரதிதாசன் பல்கலைக்கழக வணிக வியல் மற்றும் நிதிக் கல்வியியல் துறை, ஸ்மார்ட் மேலாண்மை கல்வி இதழ் மற்றும் இந்திய பொருளாதார கணித புள்ளியியல் கழகம் சார்பில் 'நிதி மற்றும் மேலாண்மையியல் பொருளாதார கணித புள்ளியியல் பயன்பாடு' எனும் தலைப்பிலான தேசிய பயிலரங்க துவக்க விழா பல்கலை வளாகத்தில் நடந்தது.

பல்கலைக்கழக தேர்வு நெறியாளர் ஸ்ரீதரன் குத்து விளக்கேற்றி பயிலரங்கை துவக்கி வைத்தார். பல்கலை வணிகவியல் மற்றும் நிதிக் கல்வியியல் துறைத் தலைவர் செல்வம் ஆகியோர்.

தலைவர் செல்வம் பேசுகையில், இந்திய நிறுவனங்கள் பன்னாட்டு நிறுவனங்களின் வரவால் பல சவால்களை எதிர்கொள்கின்றன.

மேலும், உள்நாடு மற்றும் வெளிநாடு முதலீட்டாளர்களின் எதிர்ப்புகளை பூர்த்தி செய்ய அதிக லாபம் ஈட்ட வேண்டிய சூழ்நிலையில் இந்திய நிறுவனங்கள் உள்ளன.

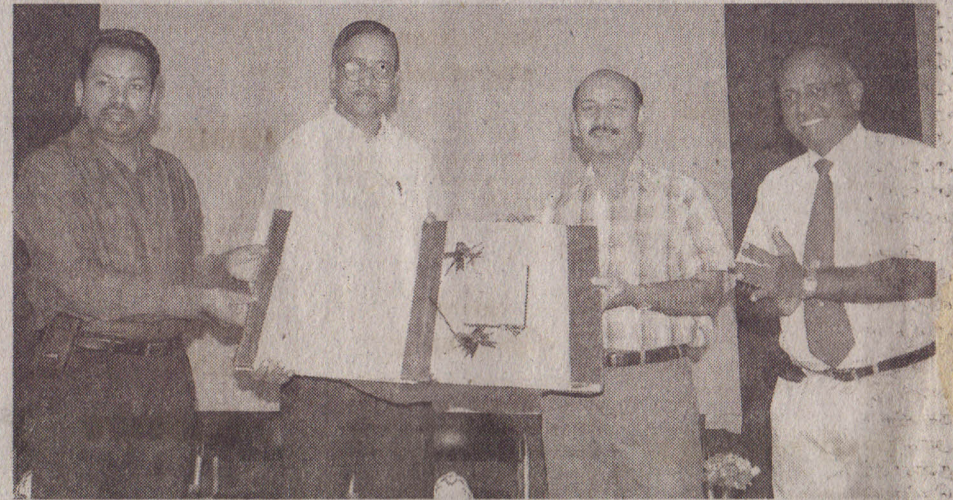
பொருளாதார கணித புள்ளியியல் வேலை செய்யும்போது, நிர்வாகம் மற்றும் முதலீடு குறித்த முடிவுகள் எடுக்க உதவுகிறது என்றார்.

சிறப்பு விருந்தினராக பரோடா எம்.எஸ். பல்கலைக்கழக பேராசிரியரும்,

இந்திய பொருளாதார கணித புள்ளியியல் கழக பொருளாதார சண்முகன் கலந்து கொண்டார்.

மும்பை இந்திய தொழில் நுட்பக் கழக பேராசிரியர் நாராயணன் பேசுகையில், பொருளாதார, கணித, புள்ளியியல், நிதியியல் சிக்கல்களை தீர்க்க புள்ளியியல் நுணுக்கங்களும், பொருளாதார கொள்கைகளும் உதவுகின்றன என்றார்.

உதவி பேராசிரியர் வனிதா நன்றி கூறினார். 5 நாள் நடக்கும் இப்பயிலரங்கில், பல்வேறு கல்லூரிகளைச் சேர்ந்த பேராசிரியர்கள் கலந்து கொண்டு செய்முறை வகுப்புகள் நடத்த உள்ளனர்.



திருச்சி பாரதிதாசன் பல்கலைக்கழக வணிகவியல் மற்றும் நிதிக் கல்வியியல் துறையில் நடந்த தேசிய பயிலரங்கில் சி.டி. யை பல்கலை. தேர்வு நெறியாளர் ஸ்ரீதரன் வெளியிட, பரோடா எம்.எஸ். பல்கலைக்கழக பேராசிரியர் சண்முகன் பெற்றுக்கொண்டார். அருகில் மும்பை ஐஐடி பேராசிரியர் நாராயணன் மற்றும் பல்கலை வணிகவியல் மற்றும் நிதிக் கல்வியியல் துறைத் தலைவர் செல்வம் ஆகியோர்.

[illegible]

திருமணி - 6/2/2011
'கணிதப் புள்ளியியல் அனைவருக்கும் பயன்படும்'

திருச்சி, பப். 5: பொருளாதார கணிதப் புள்ளியியல் அனைவருக்கும் பயன்படும் என்றார் திருச்சி பாரதிதாசன் பல்கலைக்கழகத் தேர்வு நெறியாளர் ச. ஸ்ரீதரன்.

நிதித் கல்வியியல் துறை, ஸ்மார்ட் மேலாண்மைக் கல்வி இதழ், இந்தியப் பொருளாதார கணிதப் புள்ளியியல் சங்கம் ஆகியவை சார்பில் சனிக்கிழமை நடைபெற்ற 'நிதி, மேலாண்மையியல் பொருளாதார

கணிதப் புள்ளியியல் பயன்பாடு
பற்றிய 5 நாள் தேசியப் பயில்நங்
கத்தின் தொடக்க விழாவில் அவர்
பேசியது:

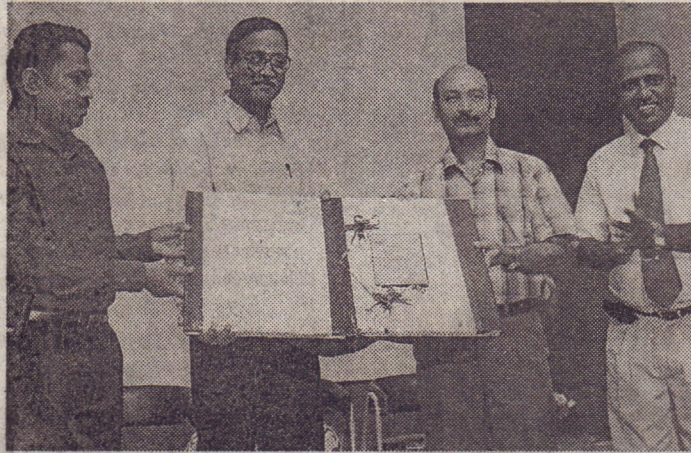
‘பொருளாதார கணிதப் புள்ளியியல் பாடம் மேலாண்மைப் பள்ளிகள், பல்கலைக்கழகங்கள், கல்லூரிகள் ஆகியவற்றில் மிகவும் அவசியமானதாக உள்ளது.

இந்தப் படிப்பு நிதியியல்
மேலாண்மை செய்ய உதவுவ
தால், பணிபுரிவோர், சுயதொழில்
செய்வோர் என அனைவருக்கும்
தேவைப்படுகிறது.

வணிகவியல் பட்டதாரிகளுக்கு
வணிக வாய்ப்புகளை முன்கூட்
டியே அறிய இந்தப் பாடம் உதவுகி
றது என்றார் ஸ்ரீதரன்.

பரோடா எம்.எஸ். பல்கலைக்கழகப் பேராசிரியரும், இந்தியப் பொருளாதார கணிதப் புள்ளியியல் சங்கப் பொருளாளருமான மு. சண்முகன், மும்பை இந்திய தொழில்நுட்ப நிறுவனப் பேராசிரியர் மு. நாராயணன் உள்ளிட்டோர் பேசினர்.

வணிகவிடம் நிதி
துறைத் த
வேற்றார்.
வனிதா நன்



விழாவில் வல்லுநர்களின் சிறப்புரைகள் அடங்கிய குறுந்தகட்டை பாரதிதாசன் பல்கலைக்கழகத் தேர்வு நெறியாளர் ச. பூதரன், வெளியிட, அதைப் பெற்றுக் கொள்கிறார் (மும்பை இந்தியத் தொழில் நுட்ப நிறுவனப் பேராசிரியர் மு. நாராயணன், உடன் (இடமிருந்து) இந்திய பொருளாதார கணிதப் புள்ளியியல் சங்கப் பொருளாளர் மு. சந்திரமுகன், முனைவர் மு. செல்வம்).

சுசும

Workshop on applied econometrics

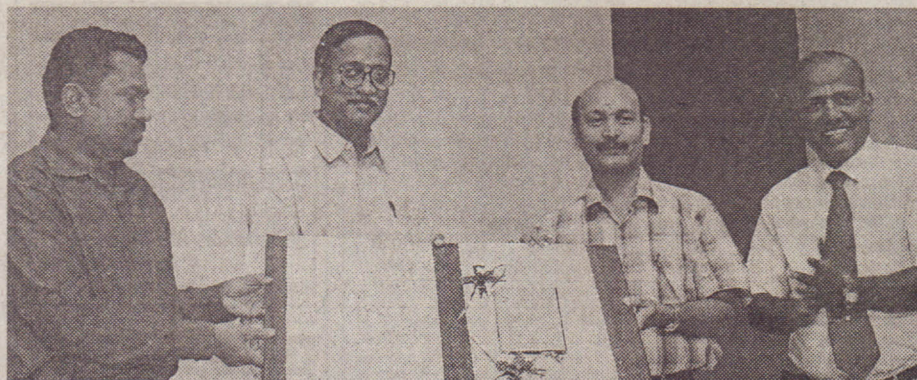
News Service
February 5

day national work-
n Applied economet-
r finance and manage-
organised by Depart-
of Commerce and Fi-
l Studies, Bharathi-
University, in associa-
th SMART Journal of
ess Management Stud-
nded by The Indian
metric Society and
sity Grants Commis-
as inaugurated here
urday.
siding over the work-
r S Sridharan, Con-
of Examinations,
thidasan University,
ometrics is an es-
subject in B-schools,

universities and colleges.
The econometric models
help to control finance. The
applied knowledge is essen-
tial for both employed and
self-employed persons.

He stressed that everyone
should have business acu-
men, especially the com-
merce graduates should use
the econometric models to
predict the business out-
come.

Dr K Shanmugan, Trea-
surer, The Indian Economet-
ric Society, and Professor, M
S University of Baroda, Bar-
oda, in his special address
said this workshop is an ef-
fort to spread the economet-
rics to semi-rural areas. He
said both theoretical and ap-
plied knowledge of econo-



Dr S Sridharan, Controller of Examinations, releasing the workshop souvenir and Prof K Narayanan, Professor, Indian Institute of Technology, Mumbai, receiving the first copy in Tiruchy on Saturday

metrics would be offered to
the participants at this work-
shop.

Dr M Selvam, Head of the

Department of Commerce
and Financial Studies and
Workshop Director, wel-
comed the gathering. Dr S

Vanitha, Assistant Professor
and Workshop Secretary
proposed the vote of
thanks.

Wanted

Five Day National Workshop on “Applied Econometrics for Finance and Management” - 5th to 9th February 2011

The Department of Commerce and Financial Studies, Bharathidasan University, Tiruchirappalli, in association with SMART Journal of Business Management Studies, funded by The Indian Econometric Society and University Grants Commission, organised the **Five Day National Workshop on “Applied Econometrics for Finance and Management”** from 5th February 2011 to 9th February 2011.



The Workshop was intended to develop applied research financial markets, particularly in the area of the bond and equity markets, derivative securities markets, the foreign exchange market, corporate finance, market microstructure and cognate areas. Basic Statistical Analysis/Data Analysis, Construction of Models, Econometric Inference, Multicollinearity and Auto Correlation, Heteroskedasticity and Model Specification and Diagnostic Testing,

Dummy Variables and Modeling, Qualitative Modeling, Simultaneous Equation Model and Identification, Time Series, Univariate Time Series Modeling, Forecasting with Univariate Time Series, VAR and structural VAR, ARCH and GARCH Models, Co-integration and Error Correction, Forecasting Models, Modeling and Research in Finance and Management were explained to the 30 participants from all over India.

Dr.M.Selvam, Workshop Director, in his Welcome Address, pointed out that the corporate sections are expected to make better decisions for their survival and growth in the present competitive global world. Econometric models help to take such better decisions.

Dr.S.Sridharan, Controller of Examinations, Bharathidasan University, in his Presidential Address, stressed that everyone should have business acumen, especially the commerce graduates should use the econometric models to predict the business outcome.

Dr.K.Shanmugan, Treasurer, The Indian Econometric Society and Professor, The M.S University of Baroda, Baroda, in his Special Address, said that this workshop was an effort to spread the econometrics to semi rural areas.

Prof.K.Narayanan, Professor, Indian Institute of Technology, Mumbai, pointed out that Econometric Models are needed to predict and measure the business opportunities by measuring and forecasting the economic variables.

Prof.K.Narayanan, Indian Institute of Technology, Mumbai, **Dr.Amaresh Samantaraya**, Pondicherry University, **Dr. Raja Sethu Durai**, Pondicherry University, **Mr.Santosh Kumar Sahu**, Mumbai and **Dr.K.Shanmugan**, Professor, The M.S University of Baroda, Baroda were the Resource Persons. **D.Kothadia Ketan**, **R.Chourey Reshma** and **A.Bhavsar Anuradha** were the software experts to assist the participants in the practical sessions.

The Valedictory Function was held on 9th February 2011. **Dr.K.Shanmugan, Treasurer**, The Indian Econometric Society, in his Presidential Address, maintained that this would help to test the validity of economic theories, would aid to test the outcome of different government economic policy moves and would help to predict the value of other variables.

Dr.Srinivasa Ragavan, Librarian and Head, Bharathidasan University, in his Valedictory Address, pointed out the relevance of the workshop. He distributed the certificates to the participants.

Dr.S.Vanitha, Workshop Secretary, offered the vote of thanks.