

National Workshop
on
Analytical Techniques for Research
(April 12-18, 2014)



ORGANISED BY
GLOBAL NETWORK OF BUSINESS
RESEARCHERS
at
DALHOUSIE PUBLIC SCHOOL, DALHOUSIE

As the global business environment is incessantly changing, so are ways of doing business and research. The business problems have become complex, simple data has become high frequency data and the age old simple analysis techniques have given way to sophisticated research techniques facilitated by advanced databases and software packages. The architects of the new age business and academic world are undoubtedly the teachers and researchers who through their research based quantitative and qualitative inputs can make the desired difference. This can undoubtedly be facilitated by good quality researches which can provide productive inputs for future policy actions and build a strong academic fortress of the country.

Recognising this need of the hour, Global Network of Business researchers has launched a unique program to provide the needed thrust to research activities in the fields of commerce, management, social sciences and the allied disciplines. It is endeavoring to contribute towards the research potential of the country through a series of Workshops on 'Analytical Techniques for Research'. Through these national level workshops the Global Network of Business Researchers trains the researchers and academicians on latest of the analytical techniques through conceptual and hands on training and close interface with latest research based softwares. With added zeal and commitment we announce the next workshop to quench the research appetite of researchers in the scenic beauty of Dalhousie through seven days National Workshop on Analytical Techniques for Research.

ABOUT GLOBAL NETWORK OF BUSINESS RESEARCHERS

Global Network of Business Researchers, launched on the 27th day of December, 2010, is an innovative research group dedicated to the cause of promoting Indian research and getting potential researchers together for constructive outputs through global linkages. It intends to provide the academic podium where the researching brains can virtually converge to identify the major research issues, the invading problems, the workable solutions and all related covenants, so as to add sensitivity, sensibility and soul to the global research efforts. The research dedicated group remains espoused to

the cause of making business research more meaningful, productive and integrative. To accomplish this magnanimous objective, the research group imparts training: conceptual and hands-on to the budding business researchers to encourage quality research through comprehensive workshops on analytical techniques for research. It provides a formal platform for exchange of research ideas to facilitate innovative ideation so as to identify the unexplored research areas. In pursuit of its drive for research excellence, GNBR has successfully conducted national workshops across various cities all over India; namely Rohtak, Nagpur, Ajmer and Faridabad. For furthering its cause of providing impetus to research, the group also intends to launch a high quality journal which will showcase empirical researches related to business and allied disciplines.

DALHOUSIE

In western Himachal Pradesh, the hill station of Dalhousie is full of old world charm and holds lingering echos of the Raj era. It covers an area of 14 sq. km. and is built on five hills - Kathlog, Patreyn, Tehra, Bakrota and Balun. It is named after the British Governor General of the 19th century, Lord Dalhousie. The town's average height is 2036 m, and is surrounded by varied vegetation - pines, deodars, oaks and flowering rhododendron. Dalhousie has charming colonial architecture, including some beautiful churches. Its location presents panoramic views of the plains and like a long silver line, the river Ravi twists and turns below Dalhousie. The spectacular snow-covered Dhauladhar mountains are also visible from this enchanting town.

ACCESS

Dalhousie is 485 km by road from Delhi and 52 km from Chamba. The closest railhead is Pathankot, 80 km away. The airport at Gaggal in Kangra is at a distance of 135 km. Taxis and buses are easily available from these places.

PLACES OF INTEREST

- Churches: There are four beautiful churches in Dalhousie. These are St. Andrew's Church and St. Patrick's Church at Balun, St. Francis Church at Subhash Chowk and St. John's Church at Gandhi Chowk.
- Subhash baoli (1 km): It was at this enchanting spot surrounded by majestic trees, that Netaji Subhash Chandra Bose spent time in 1937, contemplating and meditating.
- Panchpula (3 km): This is a picturesque spot where a stream feeds a series of pools. A monument has been built here in memory of the freedom fighter, Sardar Ajit Singh.
- Kalatop (10 km) : This wild life sanctuary is a home to the 'ghoral' and Himalayan black bear.
- Chamba City: This city gives us an insight into the ancient cultural heritage of the people in this hill city. This land of magical tranquility, charming landscape, refreshing air, mountain passes and slopes and is an ideal place for nature lovers. At the centre of the city lies the public walkway popularly known as "Chaugan" surrounding which are a number of ancient temples built between the 7th and the 12th Century AD. Some of the temples found in this city include the Laxminarayan temple, Hari Rai temple, Chamunda Devi temple and the Mani Mahesh temple. There are also a large number of Churches built during this period. Important among them are the St. Francis Church, St. John's Church, St. Andrew's Church, and the St. Patrick's Church.
- Khajjiar: It is a scenic picnic spot near Dalhousie and is about 22 km from Dalhousie. Khajjiar has a small glacial lake at the centre and is surrounded by dense forest and mountains. The site has an ancient temple devoted to Khaji Nag. Khajjiar has been recognized by the Government of Switzerland for its Alpine beauty.
- Shopping: Tibetan handicrafts including pullovers and carpets at Dalhousie. Chamba Slippers, 'Rumals' and Shawls at Chamba town.

Key Highlights of Workshop

The key highlights of the workshop are:

- **Fully residential workshop**

- Hands on training sessions on data handling, analyzing and deriving preliminary results.
- Practice Sessions with model exercise.
- Discussion on the underlying assumptions of the statistical tools.
- Discussion on common errors in research.
- Discussion on how to interpret results and how to report them

Important Information

The number of seats for the workshop is 40. The applicants are advised to send their applications at the earliest. The seats will be allocated on first come first serve basis. Please fill the Registration form, and send the Fee through **Demand Draft (or cheque payable at par) favoring “Global Network of Business Researchers” payable at Sonepat**. The registration fee can also be paid directly into the **PNB Account of Global Network of Business Researchers bearing account Number 2303002100010150; Branch Code 2303, IFSC code: PUNB0230300** and the receipt of the same be sent along with the application form. The Details of the Registration Fee are as follows:

Registration fee Rs 10,000 (On Twin Sharing Basis)

The registration fee includes boarding and lodging expenses for seven days and nights from 11th April (Evening) to 18th April (Noon), the supply of course materials, three meals for each day and tea/coffee during the program. The participants are required to bring their own laptops for the hands-on sessions. All participants are supposed to make their own travel arrangements including local transportation.

Last Date for Application: March 25, 2014

The registration process, however, will be closed on receipt of 40 confirmed applications irrespective of the last date. So you are advised to apply at the earliest and confirm your participation.

Send the Application Form to

Dr Balwinder Singh

Secretary
Global Network of Business Researchers
Department of Commerce and Business Management
Guru Nanak Dev University,
Amritsar - 143005

Or

The scanned copy of filled in application form together with proof of payment of registration fee can be sent at gnbrindia@gmail.com

For further enquiries, any of the following may be contacted:

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GLOBAL NETWORK OF BUSINESS RESEARCHERS**

REGISTRATION FORM

Name of participant (Dr/Mr/Mrs/Ms): _____

Designation: _____

Company/Institute/University:

Address: _____

City: _____ **State:** _____ **Pin Code:** _____

Telephone: _____ (with STD code) **Fax:** _____ (with STD code)

E-mail: _____ **Cell:** _____

Qualifications:

1. _____

2. _____

Experience (years): _____ **Age:** _____

Payment Details

Registration Fee Demand Draft No.: _____

Date: _____ **Amount:** _____

Drawn at (bank name with code): _____

TENTATIVE TIME TABLE

Date	Session-I		Session-II		Session-III		Session-IV
	9.30-11.00		11.30-1.00		2.00-3.30		4.00-5.30
12-04-2014 (Saturday)	Inauguration and Breaking the ICE	Tea	Research Methodology: Curtain Raiser	Lunch	Sources of Information for Researchers	Tea	Introduction to Statistical Softwares
13-04-2014 (Sunday)	Hypothesis Testing- I (Parametric Tests)		Hypothesis Testing- I (Parametric Tests)		Hypothesis Testing-II (Non-parametric Tests)		Hypothesis Testing-II (Non-parametric Tests)
14-04-2014 (Monday)	Regression Analysis: Introduction		Regression Analysis: Underlying Assumptions		Regression Analysis: Violations of assumptions		Regression Analysis: Violations of assumptions
15-04-2014 (Tuesday)	Regression Analysis: Special Cases (like Dummy Variables etc)		PROBIT and LOGIT Models		Hands on Session		Hands on Session
16-04-2014 (Wednesday)	Cluster Analysis		Conjoint Analysis		Discriminant Analysis		Hands on Session
17-04-2014 (Thursday)	Factor Analysis-I		Hands on Session		Confirmatory Factor Analysis		Hands on session
18-04-2014 (Friday)	Discussion on submission of projects to funding agencies		Valedictory				

** Special sessions encompassing specialized techniques of finance like Time Series, Stationarity, Unit Root Tests, ARIMA, VAR, ARCH, GARCH etc can be conducted on request of the participants.