



Teaching Learning Centre Ramanujan College (University of Delhi)

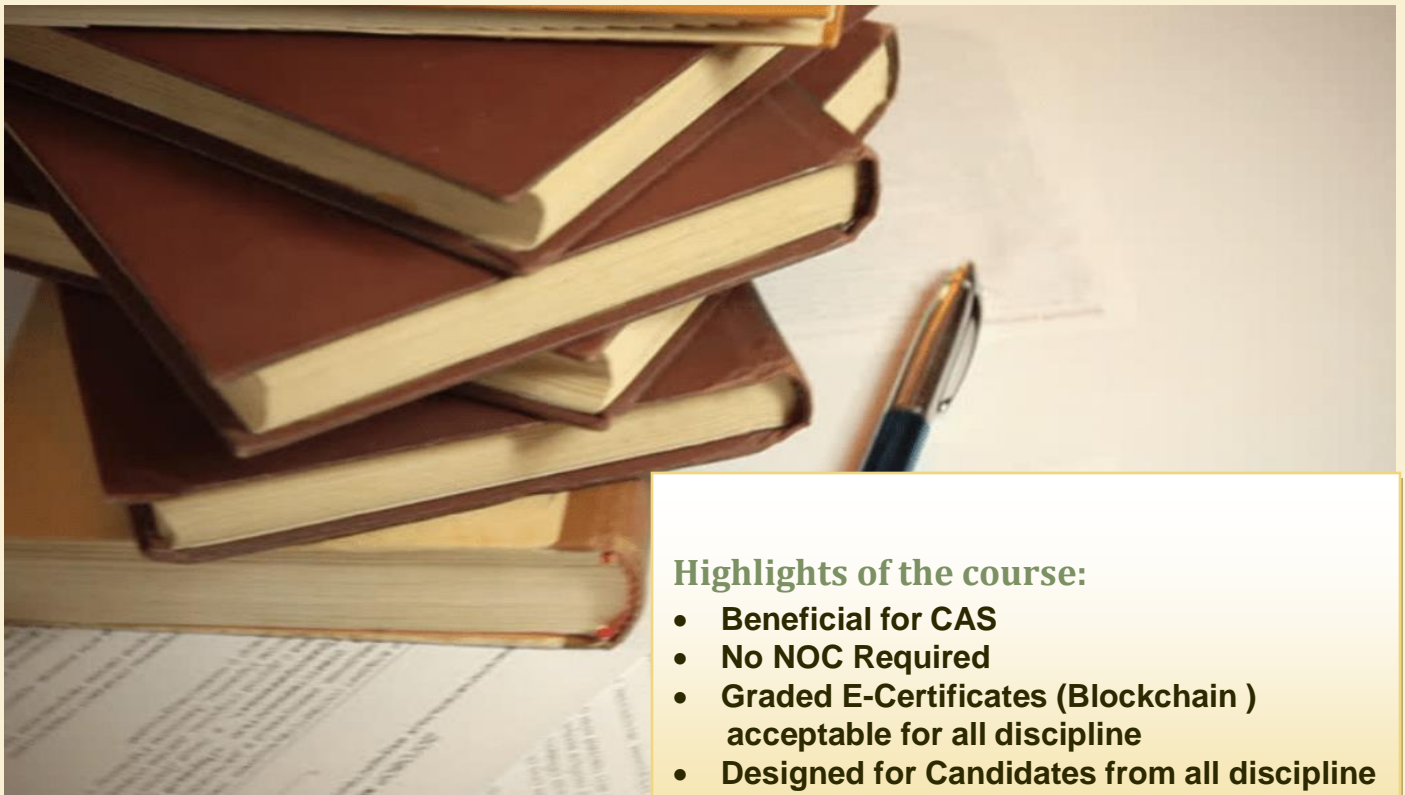
Under the Aegis of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching
Ministry of Education

in association with
Indian Accounting Association, NCR Chapter
Organises

Two Weeks Interdisciplinary Refresher Course

On
Research Methodology and Data Analysis

21st February -5th March, 2022



Highlights of the course:

- Beneficial for CAS
- No NOC Required
- Graded E-Certificates (Blockchain) acceptable for all discipline
- Designed for Candidates from all discipline
- Blended Course using LMS and Live sessions

RESEARCH METHODOLOGY AND DATA ANALYSIS

Research Methodology is the way to solve a research problem in a systematic manner. Research is one of the few human interventions that could help humanity in coming to terms with reality and be sufficiently prepared to face the uncertainty and unpredictability of the future. Researchers need to know various ways in which they can approach the collection of evidence (data) and its analysis. They must understand different tools and techniques available within the spectrum of each approach .It will enable them to take an appropriate decision regarding use of the methods or techniques relevant for their research.

Research and data analysis is very significant for all professionals to develop decision - making process in the current scenario. Today, Strategic think tanks are using reliable data analysis techniques in the predictive analysis based on historical data. Now- a –days, a software package is accessible to analyse data in a more resourceful manner.

Hence, the present Refresher Course is designed to cater to the needs of academicians, researchers, and industry professionals for a sound understanding of research design and use of related software for data analysis. The Course will give an interactive on- line training on the models and tools in different subject domains to learn the forecasting and modeling tools. This Course will attempt to kindle the inquisitive minds of the participants and guide them through the enjoyable path of research towards the unknown frontiers of knowledge and wisdom.

CONCEPT NOTE

This Online Refresher Course is diligently planned around developing the foundation knowledge needed to step into the arena of research. The programme is an effort towards exploring different dimensions and paradigms of research. The modules intend to enhance the ability of the participants to undertake independent research in a planned manner, identify appropriate and significant literature review, design questionnaires, collect and analyze data, perform simulations and, to assist them in writing research papers for good quality journals. The participants will be trained to use several open source tools that are useful in accomplishing their research outcomes.

The Course content is designed to disseminate knowledge of some of the important digital tools used for academic purposes. The modules would be an amalgamation of the much needed digital skills which can play a significant role throughout the research process.

THEMATICS

- An Introduction to Research, Research and Data Types Research Process
- Hypothesis Testing, Model Building and Gaps in Model
- Scale Development, Types of Constructs
- Various Measurement & Data Analysis
- Framing of Research Questions and Research Objectives
- Introduction to the Software: SPSS
- Data Entry, Data Cleaning and Data Handling Operations in SPSS
- Introduction to the Software: R and R Studio
- Statistical and Regression Analysis using R and R Studio
- Introduction qualitative analysis and N Vivo
- Introduction to Systematic Literature Review-Variou frameworks
- Uni- variate Analysis and Bi-variate Analysis
- Bibliometric Analysis, Meta-Analysis, Meta-SEM

WHO SHOULD ATTEND

The Refresher Course is an interdisciplinary course open to Faculty members (regular/ad-hoc/temporary) from any National or International University/College and scholars pursuing research in different areas of study.

The Course is also important and useful for participants seeking promotions under the 7th CPC from AL 10 to AL 11, AL 11 to AL 12 and AL 12 to AL 13.

LEARNING OUTCOME

After successful completion of the programme, the participants will be able to:

- *Gain understanding of Research and its implications in decision making process.*
- *Design questionnaires that are reliable and valid for collection of data.*
- *Use qualitative and quantitative tools for the purpose of analysis of data.*
- *Develop clarity for different Research models.*
- *Use the advance research analysis with R and SPSS.*
- *Understand the ethical issues in Research including qualitative and quantitative analysis.*
- *Get hands-on training in some of the tools that shall be useful in Research.*

RESOURCE PERSONS

The resource persons include eminent experts in the area of Advance Research Methodology and Statistical Tools from all over India. Some of them are:



Prof. C.P. Gupta
Former Head & Dean, Faculty of Commerce & Business
Senior Professor, Department of Financial Studies,
South Campus, University of Delhi



Dr. Neeraj Kaushik,
Associate Professor,
Department of Business Administration,
National Institute of Technology, Kurukshetra



Prof. Bhakkar
Vice Chancellor,
ITM University, Gwalior,
Madhya Pradesh, India



Prof. C.S. Sharma
Department of Commerce
Sri Ram College of Commerce
University of Delhi



Dr. Jaspreet Kaur
Associate Professor
Pearl Academy, Delhi



Mr. Narain
Assistant Professor,
Faculty of Management Studies,
University of Delhi

REGISTRATION

ELIGIBILITY

Faculty members (regular/adhoc/temporary) in teaching profession and research scholars are eligible to apply for this Faculty Development Programme.

Registration is mandatory for all the participants of the Course.

- All those who meet the eligibility criteria is required to pay
**For Indian Participants Fee per person (Non-Refundable):- INR 1450/
For International Participants Fee per person (Non-Refundable):--- USD 50/ -
For specially able (Including visually impaired) participants: -- INR 750 /-**
- **Limited seats, admission on first – come, first- serve basis.**
- See the details provided below regarding the payment process.
- The eligible participants who have made the payment are required to register online.

DURATION

- The refresher course will be of two weeks duration, with a minimum of 72 contact hours in pursuance to requirements of UGC/MoE

PRE-REQUISITES

- The evaluation will be done as per the guidelines promulgated by the MoE/UGC.
- The total marks will be 100 (Assignments 40marks and Multiple Choice Objective Test 60marks)
- Minimum attendance requirement is 90% for successful completion of the Course.
- **Graded certificates on the basis of performance will be awarded to the participants.**
- As part of the Ministry of Education's requirement under the PMMMNMTT scheme, all participants need to submit online feedback for each session.
- It is the responsibility of the participant to inform their employer. As per the guidelines prescribed by the Government of India the candidates who are visually impaired (blind/low vision) or orthopedically handicap may use services of subscribe at their own cost for the online assessments.
- Failing to meet any of the above conditions will result in denial of a certificate of completion to the participants.

PAYMENT PROCESS AND STEPS OF REGISTRATION

STEP I – All the aspirants are requested to pay registration fee by NEFT/UPI/IMPS details of the account are:

Account Name: Principal Ramanujan College

Account Number: 072001003912 IFSC Code: ICIC0000720

BANK AND BRANCH: ICICI BANK LTD. Kalkaji , New Delhi-110019

MICR CODE: 110229078

STEP II – The candidates are required to register online after paying registration fee and by using following links:

For Indian Participants: <https://forms.gle/poEXFfySADjbBG8B8>

For Specially Abled (Including VH): <https://forms.gle/auD8GjViHp65B2eX6>

For International Participants: <https://forms.gle/MNjKzRNkScUSr9ZR9>

The screenshot of the payment should be uploaded while filling in the form. The participants are advised to carefully fill their transaction details of payment at the time of filling of the registration form. After successful registration & payment, the participants will receive a confirmation via email. **Please keep checking the spam folder of the email as the bulk email sent may end up in the spam folder.**

An official group will be made for communication with the participants on "Telegram." Candidates are therefore requested to install the Telegram App either from the Play Store or App Store. The link to join the official group will be provided in the confirmation mail.

ADVISORY COUNCIL & ORGANISING COMMITTEE



Prof. Nageshwar Rao
Vice Chancellor,
IGNOU.



Prof. I. M. Pandey
Former Dean and
Offg. Director, IIM Ahmedabad



CA (Dr.) Girish Ahuja
National Tax Guru of
Direct Taxes,
Former Faculty, SRCC, D.U.



CA (Dr.) Sanjeev Singhal
President, IAA, NCR Chapter,
Central Council Member,
ICAI



Prof. S.P. Aggarwal
Director, TLC and Principal,
Ramanujan College,
University of Delhi



Dr. J.L. Gupta
Program Director,
Member, University Court,
University of Delhi,
Secretary, IAA NCR Chapter



Dr. Rekha Dayal
Program Convener
Vice President,
IAA, NCR Chapter
Associate Professor, JMC, DU



Dr. Anjali Gupta
Organizing Secretary
Joint Secretary,
IAA, NCR Chapter
Associate Professor, ARSD, D.U.

For Details E-mail & contact: rmda2022@ramanujan.du.ac.in

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Dr. Rajeev Nayan (9868342405)

Ms. Priyanka (9654595527)

Mr. Aamir (8800939293)

Mr. Akhil (9958274573)