

## VENUE-

**Ramanujan College, University of Delhi, Kalkaji, New Delhi -110019**

The college is located near the well known commercial hub of Nehru Place and the residential areas of Chittaranjan Park, Kalkaji and Greater Kailash. It is well connected with public transport and the Delhi metro, nearest metro station being Nehru Place Metro Station on the Violet Line. The Teacher Learning Centre at Ramanujan College is equipped with a modern state of art auditorium, conference rooms and ICT enabled classrooms.

## REGISTRATION DETAILS

### ELIGIBILITY

- Faculty Members & Research Scholars are eligible to apply for this Faculty Development Programme
- All the participants are requested to register online on or before 12<sup>th</sup> May, 2018 by browsing the following link: <https://goo.gl/forms/Uv9MKR1TR6vqy9qL2>
- Registration for all the participants is mandatory. Only limited seats are available. Acceptance of the registration will be e-mailed to the participant on May 15, 2018.
- TLC Ramanujan College will provide the participants with the travel expenses (Air fare or 2-AC train travel, whichever is lower).
- Boarding/lodging facility will be provided on request on twin sharing basis from May 23, 2018 to May 29, 2018.
- For further queries, please mail on: [tlc@ramanujan.du.ac.in](mailto:tlc@ramanujan.du.ac.in)

## DETAILS OF PROGRAMME FEES

**For Participants Seeking Accommodation: ₹ 2000/- (Non-refundable)**

**For Other Participants: ₹ 1000/- (Non-refundable)**

## PAYMENT DETAILS

Online Payment of the Registration Fee through NEFT to the following account:

Account Name: Principal, Ramanujan College  
Account Number: 0156000100585618  
Bank & Branch: Punjab National Bank, Kalkaji  
IFSC: PUNB0015600 | MICR Code: 110024052

**Note:** Payment should be made before registering online at <https://goo.gl/forms/Uv9MKR1TR6vqy9qL2>

**The programme fee will be refunded, in case the participant is not selected.**

## FOR MORE INFORMATION

**E-MAIL US AT : [tlc@ramanujan.du.ac.in](mailto:tlc@ramanujan.du.ac.in)**

**CONTACT : Mr. Abhinav Parashar +91 9717502104**

## FDP ORGANISING TEAM

DR. K. LATHA (Director)  
DR. VIBHASH KUMAR (Convenor)  
MS. PARUL YADAV (Organising Secretary)  
MS. NIDHI MATHUR (Member)  
MS. HARSHITA JOSHI (Member)  
MR. ABHINAV PARASHAR (Member)

## DIRECTOR, TLC

DR. S. P. AGGARWAL (PRINCIPAL)

## ASSISTANT DIRECTORS

DR. SUMIT NAGPAL, Assistant Professor, Department of Mathematics  
DR. NIKHIL RAJPUT, Assistant Professor, Department of Computer Science  
DR. VIBHASH KUMAR, Assistant Professor, Department of Commerce and Management Studies

## Teaching Learning Centre Ramanujan College

(Accredited Grade 'A' by NAAC)  
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**Website:** <http://www.rcdu.in>, <http://www.tlc.rcdu.in>



**MINISTRY OF HUMAN RESOURCE DEVELOPMENT**  
**PANDIT MADAN MOHAN MALAVIYA**  
**NATIONAL MISSION ON TEACHERS AND TEACHING**

**TEACHING LEARNING CENTRE**  
**RAMANUJAN COLLEGE**  
(UNIVERSITY OF DELHI)

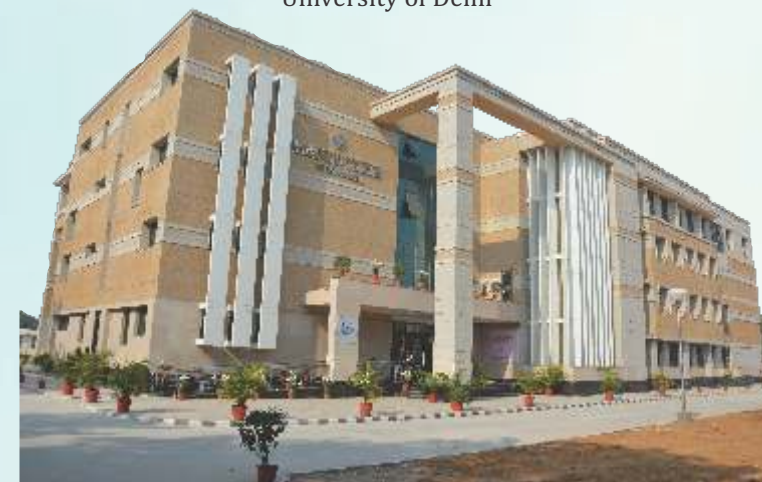
**Faculty Development Programme on  
Research Methodology and Statistical Tools**

**23<sup>RD</sup> MAY - 29<sup>TH</sup> MAY 2018**  
**CALL FOR REGISTRATION AND PARTICIPATION**

Organized by the

**Teaching Learning Centre  
Ramanujan College**

(Accredited Grade 'A' by NAAC)  
University of Delhi



## ABOUT THE FDP

Research Methodology is a way to systematically solve the research problem. A researcher must know the rationale for using specific methods or techniques and establish their relevance. Methodology may be understood as a science of studying how research is done scientifically. Each discipline within the social sciences is informed by its research paradigms and each paradigm is associated with attendant methodologies. Methodology, thus, refers to the rationale and the philosophical assumptions that underlie any natural, social or human science study. Considering the importance of the theme, Teaching Learning Centre, Ramanujan College is going to organise a Seven Day FDP on 'Research Methodology' during 23-29 May 2018 at Ramanujan College.

## OBJECTIVE

- To aid an understanding of advances in research methods in the field of Commerce and Management
- To provide conceptual facilitation for research outcomes with lucid examples
- To develop an understanding for relevant applications of Multivariate Statistics in conducting research

The structure of the FDP will have a composite blend of interactive lectures and hands-on training in the research methods. Emphasis will be on building concepts with the requisite rigour and analysis of research data. Participants will be provided with the relevant data sets for the purpose of analysis in order to facilitate experiential learning. It needs to be emphasized that the workshop will meet an important end of discussing quantitative tools for analyzing qualitative data, as well as quantitative techniques for meeting research goals.

The key deliverables for the participants would be gaining knowledge on Research Methodology, Variants and Assumptions of Regression Analysis, Logit and Probit, Multiple Regression, Qualitative Techniques, Exploratory Factor Analysis (EFA), Confirmatory Factor Analysis (CFA), and Structure Equation Modelling (SEM).

## ABOUT THE COLLEGE

**Ramanujan College** is a University of Delhi college located in the well known area of Kalkaji, near Nehru Place in South Delhi. Ramanujan College has highly qualified, dedicated and committed faculty members. The college runs 15 courses in different subjects in Humanities, Commerce and Science streams. The college also runs a number of professional courses. The teachers of **Ramanujan College** are highly motivated and have original, published academic and creative work, including journal and other print media articles and educational film making to their credit. **Ramanujan College** is a premier institution of the University of Delhi and has been accredited grade "A" by the National Assessment and Accreditation Council (NAAC). The College has been ranked at 26<sup>th</sup> position as per NIRF ranking for 2017-18. We at **Ramanujan College** emphasize on the holistic development of personality, meaningful exposure to real world, and inculcating practical skills amongst our students apart from ensuring academic excellence.

## Content of the FDP

### Sl. No. Contents to be Delivered

1. Analytical Tools for Causal Research – One-Way ANOVA
2. Analytical Tools for Causal Research – Regression Analysis
3. Assumptions of Regression Analysis
4. Types of Regression Analysis – Ridge Regression, Principal Component Regression
5. Logistic & Probit Regression
6. Qualitative Research Techniques – Ethnography, Grounded Theory Approach, Interpretative Phenomenological Analysis
7. Exploratory Factor Analysis
8. Confirmatory Factor Analysis
9. Structural Equation Modelling

**Note: All the topics will also have hands-on session**

## ABOUT THE RESOURCE PERSONS:

### Dr. C. S. SHARMA

Dr. C. S. Sharma is a distinguished educator with broad experience in India and overseas in teaching, program development (including enriched digital content), institution building, financial performance and business development. Author of eleven books and forty-one research papers, with publications on topics like Fuzzy Financial Ratios, Mergers and Acquisitions, Servant Leadership, Spirituality and Green Purchasing Intentions, Default Probability, Trust etc. he has acted in a consultative capacity to corporations, renowned institutions of higher learning, and is a sought-after speaker notably in research methodology, human behaviour and finance. Currently, engaged in teaching at SRCC, earlier he was Director at Maharaja Agrasen Institute of Management Studies and JRE Group of Institutions. He has conducted numerous workshops and training programmes at Institutions like Punjab Police Academy, Ramanujan College-DU, NHPC, TISS-Mumbai, CPDHE-Delhi University, Academic staff College Guru Jambheshwar University, MDU Rohtak, Manav Rachna University, National Academy for Training & Research in Social Security, Govt. of India etc.

### Dr. VIBHASH KUMAR

Dr. Vibhash Kumar is currently working as Assistant Professor in Ramanujan College, University of Delhi. He obtained his Ph.D. degree in the field of OB-HR from University of Delhi. He has presented research papers in national and international conferences in India and abroad and has also published research articles in refereed journals. He has won Best Paper Awards for his research papers in national and international conferences.

His core areas include OB-HR, research methodology, and entrepreneurship. He has flair in designing course curriculums and has developed lessons for undergraduate and post graduate course for Institute of Life Long learning (ILLL) and E-PG Pathshala, a UGC project under the Ministry of HRD. He has also authored two books on 'Entrepreneurship and Small Business' and 'Organisational Behaviour'. Dr. Kumar has conducted some faculty development programmes on Research Methodology, Hands on Sessions in SPSS & AMOS, and Academic Writing.

**Other renowned resource persons have also agreed to take specific sessions.**