



**GULATI INSTITUTE OF FINANCE AND TAXATION
IN COLLABORATION WITH
KERALA STATE HIGHER EDUCATION COUNCIL
PRESENTS**

RESEARCH CAPACITY BUILDING PROGRAM (RCBP)

BROCHURE 2023-24





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Gulati Institute of Finance and Taxation (GIFT) and Kerala State Higher Education Council (KSHEC) are delighted to announce the 4th edition of the Research Capacity Building Program (RCBP) for the year 2023-24. RCBP organised by GIFT in collaboration with KSHEC adopts a structured approach tailored to accommodate the diverse community of scholars nationwide. Upholds the relevance of interdisciplinary approach in social science research and is conceived as a comprehensive initiative that transcends conventional research methodology programs. It aims to nurture research, teaching, and learning capabilities while emphasizing the development of cognitive skills and ensuring high-quality learning outcomes. The program encompasses both theoretical foundations and empirical orientations (including qualitative and quantitative aspects), catering to the requirements of postgraduate students, research scholars, and faculty members in higher education. Advanced research methods and techniques will be rolled out soon at the next level.

1 About RCBP

GIFT initiated the RCBP in 2020-21 to facilitate an interactive learning platform for the research capacity building of Scholars. Conceived as a program that goes beyond the conventional research methodology program, RCBP aims to facilitate the development of different capabilities that enable scholars to prepare a good research proposal, its implementation and the publication of output. It is accomplished inter alia by interactions with eminent scholars on making a good Ph.D. thesis, lectures on databases and data collection, and building up quantitative and qualitative analytical skills to conduct research rigorously and in-depth. The program also allows the scholars to present their research problems and benefit from eminent scholars and peers. The program participants included students, research scholars, faculties, government officials, and practitioners from different parts of the country with various academic disciplines. Hitherto, the feedback received from heterogeneous participants has been overwhelming.

2 Programme Structure

The RCBP 2023-24 is intricately crafted to offer thorough instruction and certification across different tiers of research methodology, specifically at foundational and applied levels. The program is envisioned to operate in a hybrid format, encompassing around 60 hours of training, with 36 hours conducted offline and the remaining 24 hours delivered online. The structure of the Program is detailed in the table below.

RCBP 2023-24: Programme Structure

Module	Content	Duration (Offline) in Hours	Duration (Online) in Hours
Module 1	Introduction to Social Science Research: An Interdisciplinary Perspective	00	06
Module 2	Research Methods Statistical Analysis and Basic Econometrics	15	00
Module 3	Data Structure, Data Processing, Data Bases for Research	00	06
Module 4	Data Analytics for Research with R	15	03
Module 5	Extensions of Basic Research Methods	03	06
Module 6	Qualitative Research, Academic Writing and Ethics	03	03

3 Duration

The curriculum comprises a total of 60 instructional hours, divided into 36 hours of offline teaching and 24 hours of online instruction.

Session commences – February 3, 2024

Timings

Online: Every Saturday 10:00 am to 1:00 pm

Offline (From 12 February to 17 February 2024): Monday to Friday 10:00 am-1:00 pm (forenoon) and 2:00 pm -5:00 pm (afternoon);

Saturday 10:00 am to 1:00 pm

Who can apply:

- Scholars currently enrolled for Ph.D. programs in any social science discipline
- Students with a master's degree in any social science domain
- Scholars from other disciplines interested in social science research are also eligible
- Ongoing social science master's degree students at their final year
- Faculty members in any social science discipline
- Government officials, practitioners, and others with a master's degree in any social science subjects

There is no age limit for joining the course. However, a basic understanding of statistics and/or econometrics would be desirable.

How to apply: Interested candidates may submit their google form along with enclosures and pay the prescribed fee through the payment gateway specified in the Google form. For the Google form, follow the RCBP link on the GIFT website, <https://bit.ly/3PQpv42> , or visit the following page: <https://forms.gle/e1ueNiubWZyJhXH88>

Enclosures in the google form:

1. Enclose a self-attested copy of Master's/M. Phil/Ph.D., Certificate.
2. Ongoing Master's Degree students shall enclose a self-attested copy of first-year marksheet.
3. Enclose an identity copy of your proof (PAN/AADHAR/ VOTER ID/PASSPORT)
5. Enclose a letter from the head of the department endorsing your eligibility for the course fee waiver (if applicable)
6. Enclose a copy of the proof of payment.

The last date for submitting the filled-in application form and the Fee Receipt is 25th January 2024. For course fee details, please refer to Section 5.

Admission: Admission to the RCBP program will be based on duly submitting the application form and the course fee.

Course Fee

	Category	Course Fee
	Without Accommodation	Rs. 6000/- + GST*
Students/Full-Time Scholars	With Accommodation	Rs. 8,000/- + GST
Faculty Members and Others	Without Accommodation	Rs. 7500/- +GST
	With Accommodation	Rs. 10000/- +GST

*18 % GST Applicable

Payment of Fee: All fees shall be paid through the payment gateway specified in the Google Form.

Refund of Fee: Fees, once paid, will not be refunded. However, if the institute rejects the application, the fees remitted will be refunded after deducting administrative charges as decided by the institute.

Communication to Participants: All communications to the participants regarding admission, dates, and assignment submissions will be communicated through email and google classroom.

Module 1: Introduction to Social Science Research: An Inter-disciplinary Perspective

Introduction to the Historical Perspective of Social Science Research; Research Paradigms and Theories; Theoretical and Conceptual Framework; Review of Literature-; Qualitative and Quantitative Research Methods

Module II: Research Methods Statistical Analysis and Basic Econometrics

Sampling in Social Science Research; Reliability and Validity in Research; Descriptive Statistics and Probability Theory; Inferential Statistics; Analysis of Variance (ANOVA); Simple Regression Analysis; Hypothesis Testing and Model Evaluation; Simple and Multiple Regression Analysis; Matrix Approach to Linear Regression Models; Functional Forms; Models with Quadratics and Interaction Terms; Regression on Dummy; Interaction of Categorical Variables

Module III- Data Structure, Data Processing, Data Bases for Research

Foundations of Data in Social Science; Introduction to Different Data; Micro Data Bases (NSSO, NFHS, ASI, Financial Databases); Macro Databases; (RBI database on Indian Economy, World Bank Data, Public Finance Data (International, National, Sub-national), Bank Data and Trade & Finance Databases, EPW Database and E-resources

Module IV: Data Analytics for Research with R

Basics of R programming, R Markdown files, Primitive Object Types: Vectors, List; Matrices, Arrays, Factors, Data frames, functions; Data analysis with Tidyverse

Importing and exporting data, Introduction to tidyverse and tidy workflow, data extraction, data cleaning, data formatting and wrangling, basics of data visualization using ggplot2; Basic statistical and econometric analysis using R

Module V: Extensions of Basic Research Methods

Qualitative and Limited Dependent Variable Models (LPM, Logit, Probit, Tobit, Heckman Models, Counts and Duration Models); Introduction to Time Series and Panel Data

Module VI: Qualitative Research, Academic Writing and Ethics

Qualitative Research and Survey Methods; Foundations of Academic Writing; Research Proposal, Literature Review, Referencing and Citation Ethics in research

General Reading List

Geoff Payne and Judy Payne 2004. Key Concepts in Social Research, SAGE Publications India Pvt Ltd

Gary Goertz & James Mahoney. 2012. A Tale of Two Cultures: Qualitative and Quantitative Research in the Social Sciences. Princeton University Press, Princeton, and Oxford.

John W. Creswell and J. David Creswell. 2018. Research Design: Qualitative, Quantitative, and Mixed Methods Approaches. Fifth Edition. SAGE Publications India Pvt. Ltd.

Studenmund, A. H. (2014). Using Econometrics, a Practical Guide. Pearson education limited.

Gujarati, N. D., & Porter, D. C. (2009). Basic econometrics. International edition McGraw-Hill/Irwin, a business unit of the McGraw-Hill companies. Inc., New York.

Johnston J. and DiNardo, J. Econometric Methods. 4th Ed. McGraw-Hill 1997.

Greene Seymour Lipschutz and John Schiller: Introduction to Probability and Statistics, Schaum's Outlines, McGraw Hill.

Baltagi, Badi. Econometric Analysis of Panel Data, 5th Edition, Wiley, 2013

Wooldridge, J. M. Econometric Analysis of Cross Section and Panel Data. The MIT Press, 2nd edition, 2010.

Kleiber, C., & Zeileis, A. (2008). Applied econometrics with R. Springer Science & Business Media.

Hatekar, N. R. (2010). Principles of econometrics: An introduction (using R). Sage Publications.

Israel, M., & Hay, I. (2006). Research ethics for social scientists. Sage

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Logistical Support

The students are supposed to maintain 75% attendance to get the course certificate.

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Attendance and Certificate

GIFT has well-equipped classrooms, a computer lab, and a leading research and reference library.

Prof. A V Jose, Honorary Fellow & Former Director

https://www.gift.res.in/faculty/faculty_details/32/Prof-A-V-Jose

Prof. D Narayana, Honorary fellow & Former Director

https://www.gift.res.in/faculty/faculty_details/31/Prof-D-Narayana

Prof. K J Joseph, Professor & Director

https://www.gift.res.in/faculty/faculty_details/65/Dr-K-J-Joseph

Dr. Vijayamohan Pillai N, Honorary Fellow

https://www.gift.res.in/faculty/faculty_details/43/Dr-Vijayamohan-Pillai-N

Smt. L Anitha Kumary, Visiting Faculty

https://www.gift.res.in/faculty/faculty_details/69/Smt-L-Anitha-Kumary

Dr. N Ramalingam, Associate Professor

https://www.gift.res.in/faculty/faculty_details/63/Dr-N-Ramalingam

Dr. Thomas Joseph, Associate Professor

https://www.gift.res.in/faculty/faculty_details/60/Dr-Thomas-Joseph

Smt. Jenny Thekkekara, Associate Professor

https://www.gift.res.in/faculty/faculty_details/67/Smt-Jenny-Thekkekara

Dr. Anoop S Kumar, Assistant Professor

https://www.gift.res.in/faculty/faculty_details/68/Dr-Anoop-S-Kumar

Dr. Kiran Kumar Kakarlapudi, Assistant Professor

https://www.gift.res.in/faculty/faculty_details/66/Dr-Kiran-Kumar-Kakarlapudi

Dr. U P Anilkumar, Assistant Professor

https://www.gift.res.in/faculty/faculty_details/59/Dr-U-P-Anilkumar

Dr. Renjith P S, Assistant Professor & RCBP Coordinator

https://www.gift.res.in/faculty/faculty_details/62/Dr-Renjith-P-S

Dr. Meenu Mohan, Assistant Professor

https://www.gift.res.in/faculty/faculty_details/149/Dr-Meenu-Mohan

Dr. Vidya V Devan, Assistant Professor

https://www.gift.res.in/faculty/faculty_details/151/Dr-Vidya-V-Devan

Dr. Aswathy Rachel Varughese, Assistant Professor

https://www.gift.res.in/faculty/faculty_details/148/Dr-Aswathy-Rachel-Varughese

Dr. Suma Latha B. S, Assistant Professor

https://www.gift.res.in/faculty/faculty_details/87/Dr-Sumalatha-B-S

Dr. Shamna Thachaparamban, Assistant Professor

https://www.gift.res.in/faculty/faculty_details/150/Shamna-Thachaparamban

The participants will get an opportunity to interact with distinguished professors of GIFT in special sessions. Along with GIFT faculty, experts from other universities/institutes will join to deliver special lectures in some modules.

The Co-ordinator [RCBP]

Gulati Institute of Finance and Taxation [GIFT]

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RESEARCH CAPACITY BUILDING PROGRAM (RCBP)

2023-24

Gulati Institute of Finance and Taxation (GIFT), formerly the Centre for Taxation Studies (CTS), was conceived as a premier national institute to promote theoretically grounded and empirically-based research within an interdisciplinary perspective to aid policymaking at the national and sub-national level. Recognized by the Indian Council of Social Science Research (ICSSR) and affiliated with Cochin University of Science and Technology (CUSAT), GIFT is also mandated to facilitate research leading to a Ph.D. Apart from being a highly acclaimed institute undertaking training programs for capacity building of different stakeholders, including Government officials, GIFT offers a Post Graduate Diploma in Goods and Service Taxation (PGD-GST). The institute's governance is entrusted with a Governing Body and an Executive Committee consisting of scholars of eminence and senior administrators representing the Central and State Governments. The Finance Minister of the Government of Kerala is the institute's chairperson.



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