



**A TWO DAYS' WORKSHOP CUM HANDS-ON
TRAINING PROGRAMME ON**

**APPLICATION OF R-STAT SOFTWARE IN
RESEARCH METHODOLOGY**

Organized by

**THE CENTRE FOR ENVIRONMENT AND
ECONOMIC DEVELOPMENT (CEED),
NEW DELHI**

**(A Research Institution Affiliated to NITI Aayog, Govt. of India)
(KOLKATA CHAPTER)**

In collaboration with

**THE DEPARTMENT OF GEOGRAPHY
SHRI SHIKSHAYATAN COLLEGE,
KOLKATA**

On

**20 - 21st July, 2018
(Friday & Saturday)**

Venue

**The Department Of Geography
Shri Shikshayatan College, Kolkata**

About CEED

Centre for Environment and Economic Development (CEED) is a Research and Knowledge Centre, Affiliated to NITI Aayog, Govt. of India, working for the Greater South Asian Region and its secretariat is based in Delhi, India, has just opened its Kolkata Chapter. CEED starts with broad objectives & vision to promote Research, Advocacy, Education and sharing knowledge through publication, outreach programme and partnership for sustainable and cognitive development of the Region. CEED works through partnership and sharing knowledge with multi-level crosscutting issues of Environmental Protection, Socio-Economic Development, and Humanitarian dimension. It focuses more on Research and its uniqueness lies in its comprehensive Policy level research intervention and cooperation, for the long term idea of sustainable development of the South Asian region. The research based organization works in a wide spectrum related to the arena of NRM/ Water Resource Management, Disaster Risk Reduction (DRR) & Management, WASH (Water, Sanitation & Hygiene), Climate Change, Urban Environmental Management and prevailing issues of Humanitarian dimensions, Livelihood development, Capacity Development, Human Rights Advocacy, Community Development and Governance in the region. The objectives of CEED are to develop applied policy research for developing a network of partnership to make vulnerable communities resilient to prevailing

situation and show the way to development. CEED adopts a community based approach, indigenous technology to empower communities through awareness, training and education. CEED from the beginning places more emphasis and focus on women and child issues and remains dedicated to their integrated sustainable development.

Shri Shikshayatan College, Kolkata

Shri Shikshayatan College was founded on 8th July, 1955 for girls under affiliation to the University of Calcutta. Established by the Marwaris, a linguistic minority community, it is administered and managed by Shikshayatan Foundation registered under the Societies Registration Act which runs it solely for educational and not for commercial purposes. Primarily meant for imparting and promoting education among the girls of the Marwari community, it has over the years opened its doors to all eligible girl students. The vision of the College is to impart, promote and spread holistic education among girls to make them self-reliant members of the community. It has been reaccredited by NAAC (Third Cycle) with CGPA of 3.24, Grade A, on 5th November, 2016.

R-STAT Software: Concept & Importance

As quantitative research grows, application of statistical software (SS) becomes a more crucial part of data analysis. Researchers are experiencing a transition from manual analysis with paper to more efficient digital/electronic analysis with statistical software (SS). SS has contributed

immensely in improving not only in demography studies and social investigation but also among other professionals' and researchers all over the world.

R is an open-source programming language that was created by Ross Ihaka and Robert Gentleman in 1995. The purpose of developing this language was to focus on delivering a more user-friendly and better way to perform statistics, data analysis, and graphical modules. Initially, R was used for research and academic purposes; however, of late it is being used in enterprises too. In fact, R ranked 6th among the Top Ten Programming Languages of 2015, according to Spectrum Survey conducted by IEEE. It is the only programming language that allows statisticians to perform the most complicated and intricate analyses without getting into too much of details. With so many benefits for data science, R has gradually mounted heights among professionals of big data. According to a 2014 survey, R is one of the most powerful and popular programming languages used by data scientists today.

Benefits: R is an integrated suite of software facilities for data manipulation, calculation and graphical display. It includes

- an effective data handling and storage facility,
- a suite of operators for calculations on arrays, in particular matrices,
- a large, coherent, integrated collection of intermediate tools for data analysis,
- graphical facilities for data analysis and display either on-screen or on hardcopy, and a well-developed, simple and effective

programming language which includes conditionals, loops, user-defined recursive functions and input and output facilities.

Points to Remember

- Participants have to bring their own laptop, charger, pen drive & mouse.
- No accommodation will be provided for the outstation candidates.
- Payments have to be done only through the NEFT/RTGS mode in the given bank account and please mention the Reference Number in the specified place of your application form.

Name of the Bank: United Bank of India
Branch: Karunamoyee, Bidhannagar
Beneficiary A/C Name: CEED, Kolkata
A/C No: 1660010046075
IFSC Code: UTBI0KUBF94

- Please send the scanned copy of this filled in application form along with the payment slip in the following email id ceedstat@gmail.com
- Participants have to show the confirmation mail/message at the registration desk at the time of registration.
- Certificates will be provided on behalf of CEED and The Dept. of Geography, Shri Shikshayatan College, Kolkata.

Last date of registration: 17th July, 2018

Registration fees: 800/- (Eight Hundred)

Total no. of seats: 80

Contact details: 9804636665, 8777433044/

ceedstat@gmail.com

REGISTRATION FORM

Name (In block letter):

Institution: _____

Designation: _____

Mobile: _____

Email Id: _____

Payment Details:

Bank Name: _____

Amount: _____

Reference Number: _____

Date: _____

Signature with date

