

**Ten Days National Workshop in
“Advanced application of ‘R’ in Planning,
Research & Development”
Date: 2nd December -11th December, 2019.**

A.K.Dasgupta Centre for Planning and Development, Visva-Bharati, is organizing Ten days' National Workshop in “Advanced application of ‘R’ in Planning, Research & Development” from 2nd December to 11th December, 2019.

The Centre invites applications from research scholars and young faculty members from colleges, universities, who wish to deepen their understanding and enhance their skills in research work.

Applicants have to mail their soft copies of application mentioning their present status on or before **20th November, 2019**. Applicants should mention their contact address, telephone number, email address and institutional affiliation. No-objection from Institution/Department Head is needed. Application must reach **vbplanning46@gmail.com** within due date. Registration fee: Rs.4000/-. **The registration fee would cover registration kit, working lunch and tea for all workshop days. There will be no TA for attending the workshop. Participants have to arrange their own accommodation.**

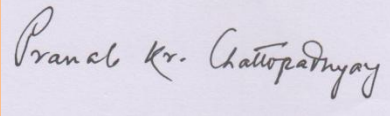
Registration Fees are to be paid online. Details of payment will be provided after selection. Participants will have to bring their own laptops. The participation in the programme will be on first come first serve basis.

Important Dates:

Last date for receiving application: 20th November, 2019.

Email for Correspondence:

vbplanning46@gmail.com



Prof. Pranab Kumar Chattopadhyay

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09475983934/ daya1974@rediffmail.com

Visit website for information: www.akdcentrevisvabharati.org

Course Overview

Module-1: R Basic Fundamentals

Basic Syntax, Data types, Variables, Operators, Decision Making, Loops, Functions, Strings, Vectors, Lists, Matrices, Arrays, Factors, Data Frames, Decision Making, Loops, Functions, Strings , Packages.

Module-2: R Data Interfaces

R CSV Files, R Excel Files, R SPSS Files, R STATA Files, R SQL.

Module-4: R Data Management

Repeats, sorting, ordering, lists, vectors, factors, data frames

Module 5, 6 & 9: Regression, Time Series Analysis, Functional Programming, Object Oriented Programming, Debugging and Profiling, Data Programming with tidyverse, Multiple Regression, Factor Analysis