



Shivaji College

UNIVERSITY OF DELHI

In Collaboration with

Mahatma Hansraj Faculty Development Center
(MHRFDC)

presents

One Week Interdisciplinary Faculty Development Programme

on

Research Methodology and Data Analysis Using SPSS/R

Under the scheme of:

Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching
(PMMMMNMTT)



(November 14-20, 2019)

Library Reading Room, Shivaji College

Organized by:

Dept. of Commerce (Shivaji College)

&

MHRFDC (Hansraj College)

ABOUT PMMMNMTT AND MHRFDC

The Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching emphasizes the need to change the role and task of a teacher from mere disseminator of information and knowledge to the one who advances frontiers of existing knowledge by actively developing and creating new insights into diverse social and physical phenomena. Mahatma Hansraj Faculty Development Centre has been established under this scheme at Hansraj College with an objective to serve as one of the nodal points to conduct such programmes and workshops. These programmes provide opportunities to every academician/ teacher to upgrade their domain of knowledge, become aware about latest developments taking place in their subject and allied areas and acquire new skills in development of educational content and delivery. These programmes help in capacity building of teachers and promote institutional effectiveness in delivering and developing educational programmes and curriculum. The focus of some of these Faculty Development Programmes is also to provide support for research work and promote research in emerging issues in different fields of knowledge.

ABOUT THE COLLEGE

Shivaji College, a constituent College of the University of Delhi, is run under the trusteeship of Delhi Administration. It is a co-educational institution and imparts education in various subjects at both undergraduate and post-graduate levels. The college campus is spread over an area of 10 acres, used for academic purposes, residential complex and sports ground. There are 46 lecture rooms, most of which have multimedia projection facilities. In addition, there are 6 tutorial rooms and 14 science laboratories, 1 museum and 4 research project rooms. There are 4 computer laboratories with all the required software. The centrally air conditioned auditorium of the college has state of the art multimedia facilities and has seating capacity of 250 persons. The entire campus is a Wi-Fi enabled zone. Shivaji College is a leading institute in West Delhi which offers 20 undergraduate courses in Science, Humanities and Commerce. It also offers 1 self-financing undergraduate course in B.A. (Honours) Business Economics and 3 post graduate courses. The air-conditioned college library offers students the most relevant academic materials from its collection of over 1, 00,000 books, as well as exposure to national and international journals, periodicals, magazines and newspapers. OPAC (Online Public Access Catalogue) and Information Kiosk also enable them to browse through the library database in a more efficient and precise manner.

Shivaji College's rigorous pursuit of academic excellence, co-curricular activities, it's hardworking and illustrious faculty and verdant campus has attracted students in large numbers. A number of the senior faculty members are supervising Ph.D. scholars registered with University of Delhi as well as other universities. Many of them are working on UGC-sponsored major and minor research projects and on University sponsored Innovation Projects. Students are also engaged as young researchers in the University of Delhi sponsored Innovation Projects. We at Shivaji attempt to inculcate the philosophy of Chhatrapati Shivaji- a symbol of idealism, bravery, confidence and integrity. We strive hard to provide an enriching experience through education which is conducive to overall growth of an individual.

ABOUT THE FDP

“Research is to see what everybody else has seen, and to think what nobody else has thought.”

-Albert -Szent-Gyorgyi

Teaching and research are the backbone of the academic profession. Search for knowledge or any systematic investigation to establish facts is known as research. It is about searching systematically for solutions to problems. For this statistical tools/devices are required. These tools not only provide a way of summarizing data into manageable and quicker way, but also help the researcher to make effective decisions about research problems. The process and product of scientific investigation and enquiry have been shaped by multiple factors, technological leaps and various cultural traditions to name a few. Methodologies, paradigms have metamorphosed considerably, as have ontologies and epistemologies. It may then be safe to say that there exist today in the research thought and action space, both, deviance and convergence from historically held and validated viewpoints. It is thus essential to propagate intersectionalities of seemingly diverse academic fields of knowledge as well as of varied research methods and techniques. An initiative to pivot a move directed at evolving methodologies for interdisciplinary enquiry will be a welcome step in meeting the aforesaid purpose.

FDP Objectives

- ◆ To encourage the research orientation of keen researchers in different disciplines.
- ◆ To familiarize the participants with an understanding of advances in research methods in the field of Social Science.
- ◆ To provide hands-on practical sessions on software that have inbuilt features to address challenges and opportunities in the field of research.

Programme Coverage

- ◆ Basic Statistics for Research
- ◆ Questionnaire Designing
- ◆ Hypothesis Testing
- ◆ Reliability and Validity Analysis
- ◆ Factor Analysis
- ◆ Non-Parametric Tests
- ◆ Correlation and Regression Analysis
- ◆ Multiple and Logistic Regression Analysis

PEDAGOGY

A mix of pedagogical tools will be used such as interactive lectures, discussions, experiential exercises, live projects, hands on training, presentations, study content and evaluation tests.

REGISTRATION

- ◆ There is **NO REGISTRATION FEE**.
- ◆ Pre-registration to the programme is through online mode only.
- ◆ Interested participants are required to fill the online pre-registration form available at the following link **latest by 31st October 2019** .
- ◆ Registration Link: <https://bit.ly/2AG1sQS>
- ◆ MHRFDC Webpage: <http://www.mhrfdc.in>
- ◆ Shivaji College Webpage: <https://www.shivajicollege.ac.in/>
- ◆ Selected participants will be informed by 2nd November, 2019.
- ◆ Accommodation/TA shall be provided/reimbursed to outstation participants as per university rules.

WHO SHOULD ATTEND?

The programme must be attended by Faculty members, Research scholars and academicians from Interdisciplinary field.

CERTIFICATE OF PARTICIPATION

A 'Certificate of Participation' will be awarded to every participant on the successful completion of the Faculty Development Programme.

ORGANIZING COMMITTEE

MHRFDC TEAM

Convener: Prof. Rama, Principal, Hansraj College
Dr Jyoti Bholra, Coordinator
Dr Lokesh Chandra Mishra, Deputy Coordinator
Mr. Ashutosh Yadav, Deputy Coordinator

FDP ORGANIZING COMMITTEE

Patron: Dr. Shashi Nijhawan, Principal, Shivaji College
Dr. Ramesh Malik, Coordinator FDP
Dr. Rajinder Singh, Deputy Coordinator
Mrs. Vanitha Chadha, Member
Ms. Shweta, Member

For any query, contact us at:

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