

Netaji Subhash Chandra Bose Government Girls Post Graduate College Aliganj, Luckow, Uttar Pradesh

(Accredited Garde 'B' by NAAC)

Report

Feculty Development Programme on Research Methodology

(23-29 June 2020)

Due to impact of COVID-19 pandemic and serious outbreak across the world, a drastic change is taking place among educational institutes of adopting online mode of teaching-learning. In this context, the main objective of this Faculty Development Programme is to quality use of this period having consideration of suggestions of UGC to promote research orientation. Research Methodology is indispensable in every field of higher education, be it social sciences, pure sciences or business studies. The present program is designed in such a way for the seven days, so as to give exposure to the participants about research problem formulation, application of appropriate research design, skill of data collection, data processing and statistical analysis at both basic and advanced level along with SPSS as well as how to write quality research paper.

In collabortaion with the department of sociology, Department of Psychology, Department of Botany & Department of Commerce, The department of Economics has organized a seven day online faculty development program on reesarch methodology. In the Faculty Development Program, 500 participants have registered from all over the country as well as from other countries ie Turkey, Austin, Nepal etc. The FDP has been hosted live on the gotomeeting platform as well as YouTube and Facebook. Links are following:

Gotomeeting:

https://www.gotomeet.me/poonamverma4/fdp-on-research-methodology

Youtube:

https://www.youtube.com/channel/UCwTxxheJXHzKtEaJ2NkWMQw

Facbook:

Netaji subhash Chandra bose govt girls pg college aliganj lucknow



First Day: 23 June



First Technical Session

In the first technical session, Dr.
Jaya Srivastava, Associate
Professor, Department of Sociology,
Dr. Bhimrao Ambedkar Central
University, Lucknow discussed the
research problem in detail and
explained its nuances in the
selection of the research topic.



Inaugural Session

The INAUGURATION of the FDP program began on 23.06.20 at 11.00 AM with the auspicious words of chief guest and chairperson Dr Anuradha Tiwari. She welcomed all the participants and wish all for their best. The theme of FDP was explained by Dr Poonam Verma (Course Director). Dr Raghavendra Pratap Narayan (Secretary) briefed about the rule and regulation to be followed for the conduct of FDP. Dr Arvind (Co-convener) gave technical information regarding online lectures. Dr Kranti (Organizing Secretary) concluded the inaugural session with the formal vote of thanks. The Inaugural session was conducted by Dr Vinita Ial, convener of the FDP.



Second Technical Session

In the second session, Professor Arvinder Ansari, head of the sociology department of Jamia Millia Islamia University, New Delhi, elucidated the research design in detail, as well as discussed important points and precautions in writing an effective and quality research paper or proposal.



Second Day: 24 June

First Technical Session

In the first session of the second day, Dr. Shweta Prasad Professor, Department of Sociology, Banaras Hindu University highlighted the importance of the Review of Literature and writing it correctly. She also described how to make references and bibliographies.





Second Technical Session

In the second session, Dr. Anil Kumar, while explaining the sample methods, also explained its types, and discussed all the points in the questionnaire (sequence of questions, interrelationships in the question, etc.) with examples.





Third Technical Session

In the third and final session of the second day, Dr. Hilal Ahmed gave a lecture on hypothesis structure, discussed the types of hypothesis and explained what needs to be kept in mind while formulating the hypothesis.

Third Day: 25 June



First Technical Session

In the First session Dr. Sharad Dhar Sharma, Associate Professor, Faculty of Social Sciences, BHU explained very well how to analyse content effectively and also describe process of Content Analysis. Dr. Sharma detailed method of hypothesis testing in a very simple manner.





Second Technical Session

In the second session, Dr. Dushyant Tyagi from DSMNRU, has clarified Nominal, Ordinal, Interval and Ratio scale of measurement in a very influential way and paraphrased use of measurement in data collection.

Third Technical Session

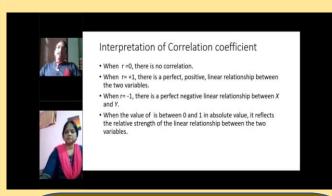
In the final session of the third day, due to some network connectivity, our resource person Dr. S Kader couldn't joined us. But meanwhile Dr. Arvind from Psychology Department gave a brief introduction to the participants about measures of central tendency.



Fourth Day: 26 June

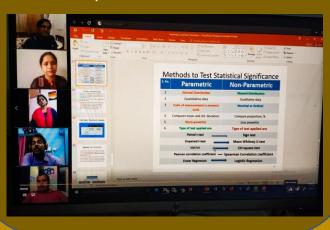
First Technical Session

In the beginning session of the day Dr. Krishna Murari, Associate Professor from Sikkim Univ. attracted participants' attention by a brilliant and technical explanation of Correlation including its various types bivariate, partial, canonical and multivariate. He also demonstrated the use of SPSS to find correlation among variables.



Third Technical Session

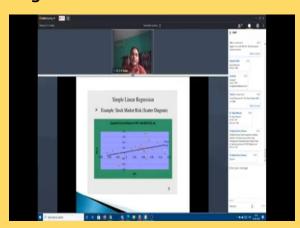
In the end of the day session was covered by Prof Shakti Kumar, from School of Social Sciences, JNU on Parametric and Non-Parametric Test. He narrated a simplified difference between parametric and non-parametric test in research for data interpretation.





Second Technical Session

In the second session Dr
Subhash Kumar Yadav, Assistant
Prof (Statistics) from BBAU,
Lucknow gave a wonderful talk
on Regression Analysis. He
expostulated linear, multivariate
& regression with dummy
variables and difference
between them. Also gave a set
of instruction in using SPSS for
Regression.

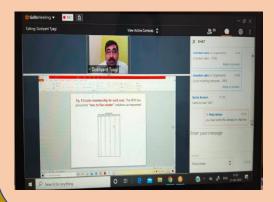


Fifth Day: 27 June



First Technical Session

In the First session of the day Dr Dushyant Tyagi from DSMNRU, explained the importance, requirements and methods for cluster analysis, a very important quantitative method by using simple examples and SPSS.



Second Technical Session

In this session Dr. Korishna Murari, Associate Prof from Sikkim Univ. gave his talk on Exploratory Factor Analysis. He explained the situation when & how one can use EFA method.



Third Technical Session

In the third session, Dr. Nagendra Kumar Maurya Assistant Prof (Applied Economics) from Lucknow university gave useful lecture on Probability including Permutation, Combination and theorems of probability.



Fourth Technical Session

On the demand of participants for qualitative research methodology, Dr. Anil Kumar from Kanpur explained FGD and in-depth interview method in a very effective way.



Sixth Day: 28 June



First Technical Session

In the First session Prof Manoj Kumar Agarwal (Economics) from Lucknow University gave a very useful

and informative talk on how to interpret data & write report of research work/proposal and insist on continuous writing for better research.



Second Technical Session

In this session Dr. Maninder Singh Arora, Assistant Prof (Maths), PPN College, Kanpur gave a wonderful talk on Linear Programming and explain main components of LPP along with LP Model using in research with examples of daily need.



Third Technical Session

In this session, Prof Masood from Jaipuria Institute started SPSS from the beginners point of view and explained use of SPSS in research with examples of data and various test ie ANOVA, t test, F test, Regression etc.



Fourth Technical Session

Dr. S Kader from Presidency College Chennai deliberated Measures of Central Tendency in a very smooth way with the examples and formula for different types of data.



Seventh Day: 29 June

First Technical Session

In First session of the day Dr Temin Payum Assistant Prof (Botany) from Arunachal Pradesh gave brief about

sequencing of research steps as well as detailed the framework of different referencing style with the examples.







Second Technical Session

In the final session of FDP Prof. D R Sahu (Sociology) from Lucknow University elaborated ethical values in research as well as important points of prudence during research work to write an effective and plagiarism free research paper.

Valedictory Session

In the final session of the Faculty development Program, Dr. Amit Srivastava (Director, All India Council of Technical Education) was present as Chief Guest and Dr. Anuradha Tiwari (Principal, Netaji S C Bose Govt. Girls P G College, Aliganj) as Guest of Honour. Chief Guest, Dr Amit Srivastava said that the college has made a very good effort in the period of COVID-19 by organizing such FDP. It converts challenges into opportunities, and has also suggested that participants and researchers should participate regularly in this type of research methodology program to promote the quality of research. The Seven day's program/sessions concise report was read by Dr. Poonam Verma (Course Director). Dr Arvind (Co-convener) and Dr. Kranti (Organising Secretary) gave brief introduction of the guest. On this occasion, Guest of Honour/Principal Dr. Anuradha Tiwari said that the FDP Program has been successful in achieving its goal, which is reflected by the constant comments and praise by the participants. She expressed her gratitude to the resource persons, organizing team, participants and everyone who contributed to the FDP.

Some participants also shared their thoughts and experiences during the program, notably Dr Asaf Varol (Turkey), Dr. Arnisa (Austin, Texas), Dr. Suraj (Nepal), Dr. Suchitra (Chhattisgarh), Research Scholar Krashnendra (JNU), Research Scholar Kalyani (MP), Dr. Kapil (Mathura), Research Scholar Meenakshi (BHU), Dr. Gaurav (Bihar), Research Scholar Heeralal (Gwalior), Dr. Prakash (Uttarakhand), Dr. Firoz (Noida) etc. Vote of thanks was delivered by Dr. Raghavendra Pratap Narayan (Secretary) and the session was conducted by Dr. Vinita Lal (Convenor). At the end, FDP was completed with the national anthem.

