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Documents of Research Methodology Courses imparting transferable and Life Skills

Name of the Course : **7- Day National Workshop on Research Methodology (24-30 November 2016)**

Contact Hours : **35 hrs.**

Programme Schedule

Date	Session & Time	Topic	Resource Person
24-11-2016 (Thursday)	9.00 am to 9:25 am	Registration & Tea	
	Session I 9.30 am to 11.00 am	Inaugural Session Introduction to Qualitative Research, Grounded Theory, Ethnography Analysing and Interpreting Qualitative Data	Dr. Rashmi Jain
	Session II 11:00 am to 12: 30 pm	Philosophy of Qualitative Research Phenomenology & Critical Research	Prof. Nisha Yadav
	12:30 pm to 1:00 pm	Lunch Break	
	Session III 1:00 pm to 2:30 pm	Review of Related Literature Methods of Conducting Review Using Online Databases	Dr. Satish Kumar
	2:30 pm to 2:45 pm	Tea	
	Session IV 2:45 pm to 4:15 pm	Understanding Research Literature Identifying Research Gaps	Dr. Satish Kumar
25-11-2016 (Friday)	Session I 9.15 am to 10.45 am	Questionnaire Building -I	Dr. Neeraj Kaushik
	10:45 am to 11:00 am	Tea	
	Session II 11:00 am to 12: 30 pm	Questionnaire Building -II	Dr. Neeraj Kaushik
	12:30 pm to 1:00 pm	Lunch Break	
	Session III 1:00 pm to 2:30 pm	Formation of Research Questions Role and Sources of Hypothesis	Dr. Neeraj Kaushik

		Formulating Hypotheses	
	2:30 pm to 2:45 pm	Tea	
	Session IV 2:45 pm to 4:15 pm	Practice Session on Research Questions and Hypothesis Framing	Dr. Neeraj Kaushik
26-11-2016 (Saturday)	Session I 9.15 am to 10.45 am	Identifying Variables for Research Independent, Dependent, Extraneous, Mediating and Moderating Variables Controlling Extraneous Variables	Dr. Neeraj Kaushik
	10:45 am to 11:00 am	Tea	
	Session II 11:00 am to 12:30 pm	Concepts in Hypothesis Testing Null and Research Hypothesis Statistical Significance and confidence Intervals Inferential Errors Identification of Statistical Tools for Data Analysis	Dr. Neeraj Kaushik
	12: 30 pm to 1:00pm	Lunch Break	
	Session III 1:00 pm to 2:30 pm	Scales of Measurement	Dr. Neeraj Kaushik
	2:30 pm- 2:45 pm	Tea	
	Session IV 2:45pm to 4:15 pm	Sampling Theory Probability and Non Probability Sampling	Dr. Neeraj Kaushik
27-11-2016 (Sunday)	Session I 9.15 am to 10.45 am	Primary and Secondary Data Recording of Data Data Coding & Editing	Prof. Balwinder Saini
	10:45 am to 11:00 am	Tea	
	Session II 11:00 am to 12:30 pm	Introduction to Statistical Software	Prof. Balwinder Saini

		Data Entry & Data Cleaning	
	12:30 pm to 1:00 pm	Lunch Break	
	Session III 1:00 pm to 2:30pm	Descriptive Statistics Using SPSS	Prof. Balwinder Saini
	2:30 pm-2:45 pm	Tea	
	Session IV 2:45pm to 4:15pm	Descriptive Statistics Using SPSS	Prof. Balwinder Saini
28-11-2016 (Monday)	Session I 9.15 am to 10.45 am	Correlation Analysis with SPSS	Prof. Balkrishan
	10:45 am to 11:00 am	Tea	
	Session II 11:00 am to 12:30pm	Hypothesis Testing, Interpretation and Results	Prof. Balkrishan
	12:30 pm to 1:00pm	Lunch Break	
	Session III 1:00pm to 2:30pm	Writing Results from SPSS	Prof. Balkrishan
	2:30pm-2:45 pm	Tea	
	Session IV 2:45pm to 4:15 pm	Writing Results from SPSS	Prof. Balkrishan
29-11-2016 (Tuesday)	Session I 9.15am to 10.45 am	Research Design	Dr. Bhawana Arya
	10:45 am to 11:00 am	Tea	
	Session II 11:00 am to 12:30 pm	Designing an Effective Survey	Dr. Bhawana Arya
	12:30 pm to 1:00 pm	Lunch Break	
			Prof. R.C. Gaur

	Session III 1:00 pm to 2:30 pm	Issues surrounding Plagiarism Use of Anti plagiarism tools for Research Scholars	
	2:30pm-2:45pm	Tea	
	Session IV 2:45pm to 4:15pm	Reference Management Annotated Bibliographic work	Prof. R.C. Gaur
30-11-2016 (Wednesday)	Session I 9.15 am to 10.45 am	Writing a Sample Research Proposal -I	Dr. Sanket Vij
	10:45 am to 11:00 am	Tea	
	Session II 11:00 am to 12:30 pm	Writing a Sample Research Proposal -II	Dr. Sanket Vij
	12:30 pm to 1:00pm	Lunch Break	
	Session III 1:00 pm to 2:30 pm	Presenting your Research Proposal	Dr. Sanket Vij
	2: 30 pm-2:45 pm	Tea	
	Session IV 2:45 pm to 4:15 pm	Valediction	Dr. Sanket Vij



Seven-Day National Workshop on Research Methodology

24-30 November, 2016

**Organized by
Centre for Research, Innovation and Training (CRIT)**



THE IIS UNIVERSITY

deemed to be a university under section 3 of UGC Act., 1956

SFS, Gurukul Marg, Mansarovar, Jaipur-302020

Ph : 0141-2397906, 2400160, 2400161 • Fax : 0141-2395494

Email : crit@iisuniv.ac.in • Web : www.iisuniv.ac.in

INTRODUCTION

Logical and conceptual knowledge is a prerequisite of good research. This workshop on Research Methodology aims to develop and promote research acumen amongst the young faculty members and research scholars. This workshop has been designed to integrate qualitative and quantitative techniques and to orient the participants towards fundamentals of research so that they can comply with the quality standards of research in their respective disciplines.

OBJECTIVES

This workshop aims to train the participants in the following key areas:

- ☐ To make the participants familiar with the basic concepts of Research Methodology.
- ☐ To familiarize the participants with the basics of data handling and analysis.
- ☐ To give hands on experience in primary research to the participants through the practical work assigned to them.
- ☐ To enable the participants to develop quantitative and qualitative research skills.
- ☐ To enable the participants to develop research plan proposal.

TARGET OF PARTICIPANTS

Target participants for the proposed workshop are young faculty members and research scholars.

DATES AND VENUE

Date 24 Nov. - 30 Nov., 2016
Venue The IIS University, SFS,
 Gurukul Marg, Mansarovar, Jaipur-20

OUTCOME

It is expected that the participant would be able to :

- ☐ Draft a research plan proposal in their area of interest.
- ☐ Provide a write up on the learning from the workshop and how the same would be implemented by them.

RESOURCE PERSONS

- | | |
|--|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> Prof. Bal Krishan
H.P. University,
Shimla <input type="checkbox"/> Dr. Neeraj Kaushik
NIT, Kurkshetra <input type="checkbox"/> Dr. Sanket Viz
B.P.S. Women University
Khanpur Kalan Sonipat (Haryana) <input type="checkbox"/> Dr. Satish Kumar
MNIT,
Jaipur | <ul style="list-style-type: none"> <input type="checkbox"/> Prof. G.S. Kavalramani
University of Rajasthan,
Jaipur <input type="checkbox"/> Dr. Ramesh C. Gaur
Jawaharlal Nehru University (JNU), New Delhi <input type="checkbox"/> Dr. Balwinder Singh
Guru Nanak Dev University,
Jalandhar <input type="checkbox"/> Dr. Bhavana Arya
Department of Psychology
The IIS University, Jaipur |
|--|---|

ABOUT THE IIS UNIVERSITY

The IIS University is a deemed- to-be-a-university (placed in category 'A' by MHRD, Government of India) under the section 3 of the UGC Act, 1956. With over 5200 students and 215 staff members, the University offers UG, PG and Doctoral programmes in Arts, Science, Commerce, Home Science, Management and Computer Science & IT. Established in 1995, as the International College for Girls, affiliated to the University of Rajasthan, the college has crossed significant milestones in its journey towards excellence in higher education. Besides receiving numerous other accolades, it has been accredited A+ by NAAC of UGC, recognized as a college with potential for Excellence (CPE) by the UGC and selected as a model college by the state government. In a national survey by AC-Nielson-ORGMARG in April-May 2010 for the India Today Magazine, ICG is rated as the top college in the state in Arts, Science and Commerce streams. Ranked among the top 30 institutions of the country in this survey, the college has become a symbol of quality education and women empowerment grooming the young girls into World Ready Women.



ABOUT CRIT

Centre for Research, Innovation and Training (CRIT) at the IIS University, Jaipur has been established with a vision to collaborate with the industry and other organizations to undertake cross-functional research and development while developing a symbolic setup leveraging competencies of both industry and academia for societal development. CRIT aims to provide an enabling environment for continuous development and growth of faculty and students for transforming them into real propositions through research, incubation and Industry-Institute-Interaction leading to development of futuristic and commercially viable technologies and businesses. CRIT has organized following Workshops/Seminars to promote quality research:

1. ICSSR Sponsored Ten Days Course on Research Methodology from 10-19 September, 2013.
2. Seven Days National Workshop on Research Methodology & Statistical Analysis Using IBM SPSS from 10-16 June, 2014.
3. Eight Days National Workshop on Research Methodology & Statistical Analysis Using IBM SPSS from 02-09 July, 2014.
4. Two Days National Workshop on Ethics in Scientific Writing and Plagiarism from 07-08 November, 2014.
5. Two Days National Workshop on Research Plan & Proposal in collaboration with IQAC from 13-14 February, 2015.
6. ICSSR Sponsored Two Day National Seminar on Women Empowerment and Inclusive Growth from 13-14 March, 2015.
7. ICSSR Sponsored 2-Week Capacity Building Workshop on Research Methodology for Young Faculty in Social Sciences from 21 May-04 June, 2015.
8. Four Days Workshop on Teaching Methodology in collaboration with IQAC from 05-08 August 2015.
9. ICSSR Sponsored Two Day National Seminar on Higher Education in 2025: Growth, Challenges and Opportunities from 20-21 November, 2015.
10. Seven Day Workshop on Research Methodology for Faculty of Science, 26 March 2016-1 April, 2016
11. Seven Day Workshop on Research Methodology for Research Scholars (Faculty of Arts & Social Science & Commerce & Management), 4 April, 2016-11 April, 2016.
12. 2-Week Workshop on Research Methodology for Faculty members and Research Scholars, 15 June-28 June 2016

REGISTRATION DETAILS

**Registration up to
30 October 2016**

<input type="checkbox"/> Local Participants (Research Scholars) (The fee includes workshop kit, lunch and high-tea)	₹2000
<input type="checkbox"/> Local Participants (Faculty Members) (The fee includes workshop kit, lunch and high-tea)	₹2500
<input type="checkbox"/> Outstation Participants (The fee includes Boarding & Lodging for 8 nights, workshop kit, breakfast, lunch, high tea & dinner)	₹7000

The number of seats for participants is limited to **50**, and the allotment shall be made on '**first come first allotted**' basis.

- ☐ The registration fee is either payable by Demand Draft in favour of 'The IIS University, Jaipur' payable at 'Jaipur' or through online banking or in cash. No cheques or money orders will be accepted.

☐ For online payment

You can directly transfer the fund in our account.

The details are as follows:

- ☐ A/c Holder The IIS University
- ☐ Branch SFS, ICG Campus, Mansarovar, Jaipur
- ☐ A/c No. 09871450000152
- ☐ IFSC HDFC0000987

- ☐ Fee once submitted will not be refunded after confirmation

TOPICS TO BE COVERED

- ☐ Quantitative & Qualitative Research
- ☐ Phenomenology, Grounded Theory, Ethnography, Case Study
- ☐ Coding, Analysing and Interpreting Qualitative Data
- ☐ Review of Related Literature
- ☐ Methods of Conducting Review
- ☐ Using Online Databases for Review
- ☐ Understanding Research Literature and Identifying Research Gaps
- ☐ Survey Analysis
- ☐ Questionnaire Building
- ☐ Formation of Research Questions
- ☐ Role and Sources of Hypothesis
- ☐ Formulating & Testing Hypotheses
- ☐ Identifying Variables for Research
- ☐ Independent, Dependent, Extraneous, Mediating and Moderating Variables
- ☐ Controlling Extraneous Variables
- ☐ Research Designs
- ☐ Scales of Measurement
- ☐ Sampling Theory and Techniques
- ☐ Recording, Coding & Editing of Data
- ☐ Identification of Statistical Tools for Data Analysis
- ☐ Introduction to Statistical Software
- ☐ Descriptive Statistics using SPSS
- ☐ Ethics in Academic Writing and Plagiarism
- ☐ Introduction to Anti Plagiarism Tools
- ☐ Reference Management
- ☐ Footnotes, Endnotes and Citations
- ☐ Academic Writing and Writing a Sample Research Proposal



WORKSHOP PATRON

Dr. Ashok Gupta

Vice Chancellor

The IIS University, Jaipur

ADVISORY COMMITTEE

Prof. K.S. Sharma, Prof. Raakhi Gupta, Prof. Pradeep Bhatnagar,

Prof. M.K. Sharma, Prof. N.K. Jain

WORKSHOP DIRECTOR

Prof. Subhash Garg

Dean & Director, CRIT

The IIS University, Jaipur

ORGANIZING COMMITTEE

Convener

Dr. Poonam Madan

Associate Professor, Dept. of Management Studies, The IIS University, Jaipur

9783307167

Co-Conveners

Dr. Bhavana Arya

Senior Assistant Professor

Dept. of Psychology

9783307022

Dr. Payal Mehtani

Senior Assistant Professor

Dept. of Biotechnology

9783307166

Dr. R.K. Tailor

Senior Assistant Professor

Dept. of Accounting & Taxation

8003095264

Dr. Mani Bhatia

Assistant Professor

Dept. of Accounting & Taxation

8875003217

For further details mail us at :

crit@iisuniv.ac.in

Name of the Course : **2- Week Workshop on Research Methodology
(15-28 June 2016)**

Contact Hours : **70 hrs.**

Programme Schedule

Day & Date	Session	Topics	Resource Person
Wednesday 15-6- 2016	I	Research Methodology: Conceptual Framework <ul style="list-style-type: none"> Idea of research; Basic tenets of qualitative research and quantitative research. 	Dr. Satish Kumar Malviya National Institute of Technology, Jaipur
Wednesday 15-6- 2016	II	Research Design <ul style="list-style-type: none"> Selecting topics for research; factors affecting the problem selection; Pure versus applied research; Stages of research; Types of research design with suitable examples 	Dr. Satish Kumar Malviya National Institute of Technology, Jaipur
Wednesday 15-6- 2016	III	Review of Literature I <ul style="list-style-type: none"> Review Concepts and Theories Research Problem Formulation Citation Methods <ul style="list-style-type: none"> ➤ End notes ➤ Footnotes ➤ Topnotes ➤ Bibliography ➤ References 	Dr. Satish Kumar Malviya National Institute of Technology, Jaipur
Thursday 16-6-2016	I	Review of Literature II <ul style="list-style-type: none"> Referencing and Index citation Citation Rules <ul style="list-style-type: none"> ➤ Blue Book ➤ OSCOLA ➤ APA ➤ MLA ➤ Chicago, etc. 	Dr. Satish Kumar Malviya National Institute of Technology, Jaipur
Thursday 16-6-2016	II	Academic Writing <ul style="list-style-type: none"> Meaning and types of academic writing Challenges in Academic Writing Papers for Journals Preparation of Reports Writing Books (Difference from PhD thesis) 	Dr. Satish Kumar Malviya National Institute of Technology, Jaipur

Thursday 16-6-2016	III	Ethics in Academic Writing <ul style="list-style-type: none"> • Meaning and Seriousness of Plagiarism • Different Types of Plagiarism • How to Prevent Plagiarism • Importance of adhering to rules for Referencing/ Citation • Software for detection of plagiarism 	Dr. Satish Kumar Malviya National Institute of Technology, Jaipur
Friday 17-6-2016	I	Variable Selection and Formulation of Hypothesis/ Research Question <ul style="list-style-type: none"> • Sources of Hypothesis • Characteristics of Hypothesis • Role of Hypothesis • Types of Hypothesis 	Dr. Sanket Vij Bhagat Phool Singh Mahila (BPS) Vishwavidyalaya, Khanpur Kalan, Sonapat
Friday 17-6-2016	II	Procedure of Hypothesis Testing: Types of Errors, Level of Significance, Critical Region, test Statistic, etc.	Dr. Sanket Vij Bhagat Phool Singh Mahila (BPS) Vishwavidyalaya, Khanpur Kalan, Sonapat
Friday 17-6-2016	III	Questionnaire Building <ul style="list-style-type: none"> • Types of questions • Question Framing • Use of Appropriate Scaling Techniques • Pilot Study 	Dr. Sanket Vij Bhagat Phool Singh Mahila (BPS) Vishwavidyalaya, Khanpur Kalan, Sonapat
Saturday 18-6-2016	I	Processing of Data- I <ul style="list-style-type: none"> • Coding of Data • Techniques of Compilation of Data • Data Management • Tabulation and Classification 	Dr. Sanket Vij Bhagat Phool Singh Mahila (BPS) Vishwavidyalaya, Khanpur Kalan, Sonapat
Saturday 18-6-2016	II	Identification of Tools for Data Analysis	Dr. Sanket Vij Bhagat Phool Singh Mahila (BPS) Vishwavidyalaya, Khanpur Kalan, Sonapat
Saturday 18-6-2016	III	Introduction to Statistical Software: Data Entry, Data Editor, Basic Calculations, Data Cleaning, outliers, Recoding, Missing values, Split file, Weighted Cases, Data Entry, Frequencies, Descriptive, Cross Tabs, Exploratory, Custom Tables Diagrammatic presentation	Dr. Sanket Vij Bhagat Phool Singh Mahila (BPS) Vishwavidyalaya, Khanpur Kalan, Sonapat
Sunday 19-6-2016	I	Data Collection: Data and data sources: secondary data sources, limitations of secondary data; Need for primary data, collection of primary data <ul style="list-style-type: none"> • Observation • Interview 	Dr. Ashwini Kumar J K Lakshmi pat University, Jaipur

Sunday 19-6-2016	II	Concept of Case Study <ul style="list-style-type: none"> • Case Study Method • Types of Case Study 	Dr. Ashwini Kumar J K Lakshmiapat University, Jaipur
Sunday 19-6-2016	III	Survey Method: <ul style="list-style-type: none"> • Concept of survey; • Construction of questionnaire & Schedule 	Dr. Ashwini Kumar J K Lakshmiapat University, Jaipur
Monday 20-6-2016	I	Descriptive Statistics using SPSS: Measures of central tendency, variability, deviation from normality, size and stability	Dr. Sanket Vij Bhagat Phool Singh Mahila (BPS) Vishwavidyalaya, Khanpur Kalan, Sonapat
Monday 20-6-2016	II	Bi variate Correlation using SPSS: Bi variate Correlation, Partial Correlations and the correlation matrix	Dr. Sanket Vij Bhagat Phool Singh Mahila (BPS) Vishwavidyalaya, Khanpur Kalan, Sonapat
Monday 20-6-2016	III	Practice Session	Dr. Sanket Vij Bhagat Phool Singh Mahila (BPS) Vishwavidyalaya, Khanpur Kalan, Sonapat
Tuesday 21-6-2016	I	Analysis of Data – I <ul style="list-style-type: none"> • Hypothesis Testing (Parametric tests) 	Dr. Balwinder Saini Guru Nanak Dev University, Amritsar
Tuesday 21-6-2016	II	Analysis of Data – II <ul style="list-style-type: none"> • Hypothesis Testing (Parametric tests) 	Dr. Balwinder Saini Guru Nanak Dev University, Amritsar
Tuesday 21-6-2016	III	Analysis of Data – III <ul style="list-style-type: none"> • Hypothesis Testing (Non Parametric tests) 	Dr. Balwinder Saini Guru Nanak Dev University, Amritsar
Wednesday 22-6-2016	I	Field Research <ul style="list-style-type: none"> • Concept and history of fieldwork; • Stages of fieldwork – selecting a research setting, gaining access, presenting oneself, becoming invisible, gathering information; • Field notes – types, coding and analysis 	Dr. Neeraj Kaushik National Institute of Technology, Kurukshetra
Wednesday 22-6-2016	II	<ul style="list-style-type: none"> • Phenomenology • Philosophical Research • Critical Social Research 	Dr. Neeraj Kaushik National Institute of Technology, Kurukshetra
Wednesday 22-6-2016	III	Universe, Nature and Types of Sampling <ul style="list-style-type: none"> • Probability Sampling • Non Probability Sampling 	Dr. Neeraj Kaushik National Institute of Technology, Kurukshetra
Thursday 23-6-2016	I	Descriptive Statistics	Dr. Neeraj Kaushik

		<ul style="list-style-type: none"> Basic Statistics: importance of statistical inquiries and their limitations; Collection and tabulation of statistical data--- graphical presentation, frequency distribution. Measures of central tendency, measures of dispersion. Moment & Kurtosis, Skewness 	National Institute of Technology, Kurukshetra
Thursday 23-6-2016	II	Statistical Inference <ul style="list-style-type: none"> Determination of sample size using appropriate formula Reliability and Consistency test of data Validity test of data 	Dr. Neeraj Kaushik National Institute of Technology, Kurukshetra
Thursday 23-6-2016	III	Sample Distributions <ul style="list-style-type: none"> Elementary probability theory and probability distributions and their usage, Large and small sample Tests based on Normal, Students' t and Snedar's F distributions, χ^2 test of goodness of fit and contingency tables test-statistic tables and its uses. 	Dr. Neeraj Kaushik National Institute of Technology, Kurukshetra
Friday 24-6-2016	I	Regression Analysis- I	Dr. Girish Taneja DAV University, Jalandhar
Friday 24-6-2016	II	Regression Analysis- II	Dr. Girish Taneja DAV University, Jalandhar
Friday 24-6-2016	III	Regression Analysis- III	Dr. Girish Taneja DAV University, Jalandhar
Saturday 25-6-2016	I	Multi Variate Analysis: Cluster Analysis, Conjoint Analysis, Discriminate Analysis, etc.	Dr. Ajay Chauhan Institute of Management Technology (IMT), Ghaziabad
Saturday 25-6-2016	II	Exploratory Factor Analysis	Dr. Ajay Chauhan Institute of Management Technology (IMT), Ghaziabad
Saturday 25-6-2016	III	Confirmatory Factor Analysis	Dr. Ajay Chauhan Institute of Management Technology (IMT), Ghaziabad
Sunday 26-6-2016	I	Structural Equation Modeling	Dr. Ajay Chauhan Institute of Management Technology (IMT), Ghaziabad

Sunday 26-6-2016	II	Structural Equation Modeling	Dr. Ajay Chauhan Institute of Management Technology (IMT), Ghaziabad
Sunday 26-6-2016	III	Structural Equation Modeling	Dr. Ajay Chauhan Institute of Management Technology (IMT), Ghaziabad
Monday 27-6-2016	I	Measurement and Scales	Dr. Nisha Yadav The IIS University, Jaipur
Monday 27-6-2016	II	Ethnography	Dr. Vinay Srivastava University of Delhi, Delhi
Monday 27-6-2016	III	Ethnomethodology	Dr. Vinay Srivastava University of Delhi, Delhi
Tuesday 28-6-2016	I	Writing of Qualitative Research	Dr. Vinay Srivastava University of Delhi, Delhi
Tuesday 28-6-2016	II	Writing of Qualitative Research	Dr. Vinay Srivastava University of Delhi, Delhi
Tuesday 28-6-2016	III	Practice Session Valedictory	

Note: Computer Lab D will be available for practice of different research related software from 11:00 am to 1:00 pm. (Optional)

2-Week Workshop On Research Methodology

15 June - 28 June, 2016

Organized by
Centre for Research, Innovation and Training
The IIS University, Jaipur

INTRODUCTION

Research is a continuous process and requires progression to achieve meaningful results for the benefit of the society at large. Research Progression requires a logical and conceptual knowledge. To meet this challenge it is necessary to train and equip the faculty and research scholars so that they can comply with the quality standards of research in their respective disciplines.

OBJECTIVES

The workshop is designed to achieve the following objectives:

1. To make the participants familiar with the basic concepts of research methodology.
2. To impart skills in the integration of qualitative and quantitative research.
3. To make the participants user friendly with the statistical softwares for data analysis.
4. To develop the applied research skills of the participants.

ELIGIBILITY

Faculty members and Research Scholars of any University/College/Institute are eligible to apply for the workshop.

INVITED RESOURCE PERSONS

- | | |
|---|---|
| <input type="checkbox"/> Vinay Kumar Srivastava
Department of Anthropology
University of Delhi, Delhi | <input type="checkbox"/> Dr. Balwinder Singh
Guru Nanak Dev University,
Amritsar |
| <input type="checkbox"/> Dr. Sanket Vij
Prof. Head, of Department of Commerce,
B.P.S. Women University,
Khanpur kalan Sonipat (Haryana) | <input type="checkbox"/> Dr. Ashwani Kumar
J.K. Laxmipat University
Jaipur |
| <input type="checkbox"/> Dr. Neeraj Kaushik
NIT, Kurukshetra | <input type="checkbox"/> Dr. Ajay Chauhan
IMT, Gaziabad |
| <input type="checkbox"/> Dr. Girish Taneja
DAV University, Jalandhar | <input type="checkbox"/> Prof. Nisha Yadav
The IIS University, Jaipur |
| <input type="checkbox"/> Dr. Satish Kumar
MNIT, Jaipur | |

DATES AND VENUE

Date	15 June 2016 - 28 June 2016
Venue	The IIS University, SFS, Gurukul Marg, Mansarovar, Jaipur-20
Time	1:00 pm to 5:45 pm

ABOUT THE IIS UNIVERSITY

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8. ICSSR Sponsored National Seminar on Higher Education in 2025: Growth, Opportunities and Challenges, 20-21 Nov., 2015
9. Seven Day Workshop on Research Methodology for Faculty of Science, 26 March, 2016-1 April, 2016
10. Seven Day Workshop on Research Methodology for Research Scholars(Faculty of Arts & Social Science & Commerce & Management, 4 April, 2016-11 April, 2016

ABOUT JAIPUR

Jaipur, the pink city of India is the starting point for visitors of Rajasthan. The capital of Rajasthan, Jaipur, casts an unusual spell on the travelers with its royal palaces, forts and monuments, revealing a historic past of chivalrous warriors, aristocratic royal ladies, art & craft, literature and science. Handicrafts like miniature paintings, textiles, blue pottery and jewelry make it a shopper's paradise as well.



CONNECTIVITY TO THE IIS UNIVERSITY, JAIPUR

- Jaipur Railway Station 12 KM
- Sanganer Airport 05 KM
- Gandhi Nagar Railway Station 06 KM
- Durgapura Railway Station 03 KM

IMPORTANT DATES

- Date of Programme 15 June-28 June, 2016
- Last date for submitting application form 10 June, 2016

REGISTRATION

- Registration Fee (For Local Participants): Rs. 2000/-
 - For Outstation Participants: Rs. 5000/- (Without Accommodation)
 - Accommodation will be provided to outstation participants on payment of Rs. 800/- per day on twin sharing basis
- The complete Registration form should be sent on the address mentioned below:

Dr. Subhash Garg

Dean & Director
Centre for Research, Innovation and Training (CRIT),
The IIS University, SFS, Gurukul Marg, Mansarovar, Jaipur-302020 Rajasthan
Email : crit@iisuniv.ac.in



TOPICS TO BE COVERED

- | | |
|---|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> Research Methodology: Conceptual Framework <input type="checkbox"/> Research Design <input type="checkbox"/> Review of Literature <input type="checkbox"/> Qualitative research methods <input type="checkbox"/> Field Research <input type="checkbox"/> Universe, Nature and Types of Sampling <input type="checkbox"/> Scales: Measurement of Scales <input type="checkbox"/> Variable Selection and Formulation of Hypothesis/ Research Question <input type="checkbox"/> Procedure of Hypothesis Testing: Types of Errors, Level of Significance, Critical Region, test Statistic, etc. <input type="checkbox"/> Data Collection: Data and data sources: secondary data sources, limitations of secondary data; Need for primary data, collection of primary data <input type="checkbox"/> Concept of Case Study <input type="checkbox"/> Survey Method: <input type="checkbox"/> Questionnaire Building <input type="checkbox"/> Processing of Data <input type="checkbox"/> Identification of Tools for Data Analysis <input type="checkbox"/> Descriptive Statistics | <ul style="list-style-type: none"> <input type="checkbox"/> Statistical Inference <input type="checkbox"/> Sample Distributions <input type="checkbox"/> Introduction to SPSS <input type="checkbox"/> Descriptive Statistics using SPSS: Measures of central tendency, variability, deviation from normality, size and stability <input type="checkbox"/> Bi variate Correlation using SPSS: Bi variate Correlation, Partial Correlations and the correlation matrix <input type="checkbox"/> Analysis of Data <input type="checkbox"/> Regression Analysis <input type="checkbox"/> Time Series Analysis <input type="checkbox"/> Time Series Analysis: <input type="checkbox"/> Multi Variate analysis <input type="checkbox"/> Exploratory Factor Analysis <input type="checkbox"/> Confirmatory Factor Analysis <input type="checkbox"/> Structural Equation Modelling <input type="checkbox"/> Ethics in Academic Writing & Plagiarism <input type="checkbox"/> Ethnography <input type="checkbox"/> Ethnomethodology <input type="checkbox"/> Writing of Qualitative Research |
|---|---|

ADVISORY COMMITTEE

Dr. Ashok Gupta (Patron)
Vice Chancellor
The IIS University, Jaipur

Prof. K.S. Sharma, Prof. Raakhi Gupta, Prof. M.K. Sharma, Prof. N.K. Jain, Prof. Pradeep Bhatnagar

WORKSHOP DIRECTOR

Dr. Subhash Garg
Dean & Director, CRIT,
The IIS University, Jaipur

WORKSHOP COORDINATORS

Dr. Arti Sharma
Sr. Assistant Professor, Dept. of Sociology,
The IIS University, Jaipur
Mob: 8875003270

Dr. Shweta Kastiya
Sr. Assistant Professor, Dept. of Management Studies,
The IIS University, Jaipur
Mob: 8003099222




Name of the Course : **7- Day Workshop on Research Methodology
for Faculty of Science (26 March-01 April
2016)**

Contact Hours : **35 hrs.**

Programme Schedule

Day / Session	Session I (12:30 - 2:00) & Resource Person		Session II (2:15 - 3:45) & Resource Person	Session III (3:45 - 5:15) & Resource Person
Day 1 Saturday (26.3.16)	Formulation of Research Problem Prof. R.K. Bansal	Tea break (2:00-2:30)	Review of Literature Dr Satish Kumar	Review of Literature Dr Satish Kumar
Day 2 Sunday (27.3.16)	Introduction to Research Methods Dr. C. S. Gehan		Good Practices in Research Dr. C. S. Gehan	Problems Faced in Good Research Dr. C. S. Gehan
Day 3 Monday (28.3.16)	Sampling Techniques, Measurement and Scaling Dr. Anil Bhardwaj		Data Collection Dr. Anil Bhardwaj	Data Optimization & Simulation Dr. Anil Bhardwaj
Day 4 Tuesday (29.3.16)	Biostatistics Dr. S.N. Dwivedi		Hypothesis Testing Dr. S.N. Dwivedi	Correlation and Regression Dr. S.N. Dwivedi
Day 5 Wednesday (30.3.16)	Data Compilation Dr. S.C. Joshi		Research proposal Preparation Dr. S.C. Joshi	Manuscript Preparation for Publication Dr. S.C. Joshi
Day 6 Thursday (31.3.16)	Introduction to Reference Management Dr. Surendra Nimesh		Hands on training to Reference management Dr. Surendra Nimesh	Hands on training to Reference management Dr. Surendra Nimesh
Day 7 Friday (1.4.16)	Biosafety Dr. Nidhi Gupta		Good Laboratory Practices and Bioethics Dr. Nidhi Gupta	Valedictory Function



**7-Day Workshop
on
Research Methodology for
Faculty of Science**

26 March - 01 April, 2016

Time : 12:15 pm to 5:15 pm

**Organized by
Centre for Research, Innovation and Training (CRIT)**


THE IIS UNIVERSITY
deemed to be a university under section 3 of UGC Act, 1956
SFS, Gurukul Marg, Mansarovar, Jaipur-302020
Ph : 0141-2397906, 2400160, 2400161 • Fax : 0141-2395494
Email : critscience16@iisuniv.ac.in • Web: www.iisuniv.ac.in

ABOUT THE WORKSHOP

Research Methodology is a way to systematically solve the research problem. A researcher must know the rationale for using specific methods or techniques and establish their relevance. Research Methodology is dynamic in nature and equips researchers with comprehensive outlook about the research. The workshop will impart the participants with knowledge of research methods, research process, use of research tools and techniques, writing and presentation skills. The Workshop also expects to prepare participants to approach research in a pragmatic way, reshaping the research question and the argument in context of engaging in empirical data collection. The workshop will primarily facilitate exchange of knowledge, experiences and best practices aimed at mitigating common pitfalls in research. By the end of the programme, the participants should be confident in using the right methods and tools to analyze data. They will also be able to better design their primary research studies as well as to quickly enter and analyze this information.

OBJECTIVES OF THE WORKSHOP

The primary objective of this workshop is to develop the research & analytical skills among PG students and researcher scholars of Science Faculty. Through the workshop, the participants will be able to have a better understanding of the following issues:

- ☐ Formulation of research problems
- ☐ Access of e-Journals and Research-based websites
- ☐ Developing suitable methodology for addressing the key issues in research
- ☐ Enable the participants to understand the need for statistical tools in research
- ☐ Strengthen the ability to frame, formulate and test the hypothesis
- ☐ Acquaintance with sampling, optimization and simulation techniques
- ☐ Understand the mechanics of writing research report, research paper, publishing and selecting journals
- ☐ Understanding the best ways to identify potential funding sources
- ☐ Ethics of scientific writing (including information about plagiarism)

KEY HIGHLIGHTS OF WORKSHOP

The key highlights of the workshop are:

- ☐ Developing skills for preparation of effective Research design
- ☐ Application of statistical tools for data analysis
- ☐ Understanding common errors in research
- ☐ Discussion on application of optimization and simulation techniques in research
- ☐ Correlation and Regression analysis
- ☐ Use of reference software-Endnote



TARGET PARTICIPANTS

The proposed workshop is meant for Postgraduate students and Research scholars of faculty of Science.

DATES AND VENUE

Date : 26 March-01 April, 2016
Venue : The IIS University, SFS,
 Gurukul Marg, Mansarovar, Jaipur-20

HOW TO APPLY

The duly filled in registration form should reach the University reception, on or before 16 March, 2016. The registration form can be downloaded from our website: www.iisuniv.ac.in.

Selection : Selection will be based on first come first serve basis. Thirty participants will be selected.

Certificate : A Certificate for attending the workshop will be issued.

ABOUT THE IIS UNIVERSITY

The IIS University is a deemed- to-be-a-university (placed in category 'A' by MHRD, Government of India) under the section 3 of the UGC Act, 1956. With over 4500 students and 215 staff members, the University offers UG, PG and Doctoral programmes in Arts, Science, Commerce, Home Science, Management and Computer Science & IT.

Established in 1995, as the International College for Girls, affiliated to the University of Rajasthan, the college has crossed significant milestones in its journey towards excellence in higher education. Besides receiving numerous other accolades, it has been accredited A+ by NAAC of UGC, recognized as a college with potential for Excellence (CPE) by the UGC and selected as a model college by the state government. In a national survey by AC-Nielson-ORGMARG in April-May 2010 for the India Today Magazine, ICG is rated as the top college in the state in Arts, Science and Commerce streams. Ranked among the top 30 institutions of the country in this survey, the college has become a symbol of quality education and women empowerment grooming the young girls into World Ready Women.



ABOUT CRIT

Centre for Research, Innovation and Training (CRIT) at the IIS University, Jaipur has been established with a vision to collaborate with the industry and other organizations to undertake cross-functional research and development while developing a symbolic setup leveraging competencies of both industry and academia for societal development. CRIT aims to provide an enabling environment for continuous development and growth of faculty and students for transforming them into real propositions through research, incubation and Industry-Institute-Interaction leading to development of futuristic and commercially viable technologies and businesses.

EVENTS ORGANIZED BY UNIVERSITY IN 2015

- ☐ National Workshop on "Research Plan & Process from 14th-15th February, 2015
- ☐ ICSSR Sponsored Two Days National Seminar on Women Empowerment and Inclusive Growth, 13-14 March, 2015
- ☐ ICSSR Sponsored Two Weeks Capacity Building Programme on Research Methodology for Young Faculty in Social Sciences, 21May-3 June 2015
- ☐ Four Days Workshop on Teaching Methodology, 5-8 August 2015
- ☐ National Seminar on Higher Education in 2025 : Growth, Challenges and Opportunities, 20-21 November, 2015.



ABOUT JAIPUR

Jaipur, the pink city of India is the starting point for visitors of Rajasthan. The capital of Rajasthan casts an unusual spell on the travelers with its royal palaces, forts and monuments, revealing a historic past of chivalrous warriors, aristocratic royal ladies, art & craft, literature and science. Handicrafts like miniature paintings, textiles, blue pottery and jewelry make it a shopper's paradise as well.



CONNECTIVITY TO THE IIS UNIVERSITY, JAIPUR

- | | | | |
|---|-------|--|-------|
| <input type="checkbox"/> Jaipur Railway Station | 12 KM | <input type="checkbox"/> Sanganer Airport | 05 KM |
| <input type="checkbox"/> Gandhi Nagar Railway Station | 06 KM | <input type="checkbox"/> Durgapura Railway Station | 03 KM |

REGISTRATION

Registration fee: PG Students & Research Scholars Rs. 500/-

A request for registration in the prescribed form may be sent to critscience16@iisuniv.ac.in latest by 16th March 2016. The registration fee is either payable by Demand Draft in favour of 'The IIS University, Jaipur' payable at 'Jaipur' or online banking or in cash. No cheques or money orders will be accepted.

For online payment consider the following details:

You can directly transfer the fund in our account. The details are as follows:

- ☐ A/c Holder The IIS University
- ☐ Branch SFS, ICG Campus, Mansarovar, Jaipur
- ☐ A/c No. 09871450000152
- ☐ IFSC HDFC0000987

Fee once submitted will not be refunded after confirmation however substitute nomination of the candidate from the same institute is acceptable.

Please note that no TA/DA will be provided.

The complete Registration form should be sent to the address mentioned below along with the crossed demand draft:

The IIS University
SFS, Gurukul Marg, Mansarovar, Jaipur-302020 Rajasthan
Email- critscience16@iisuniv.ac.in

WORKSHOP PATRON

Dr. Ashok Gupta
Vice Chancellor
The IIS University, Jaipur

ADVISORY COMMITTEE

Dr. Subhash Garg
Dean & Director, CRIT
The IIS University, Jaipur

Dr. Raakhi Gupta
Registrar
The IIS University, Jaipur

Dr. K.S. Sharma
Advisor
The IIS University, Jaipur

Prof. Pradeep Bhatnagar
Dean
Faculty of Science
The IIS University, Jaipur

Prof. M.K. Sharma
Dean
Faculty of Commerce & Mgt.
The IIS University, Jaipur

Prof. N.K. Jain
Dean
Faculty of Arts & Social Sciences
The IIS University, Jaipur

ORGANIZING COMMITTEE

Convenor

Dr. Sreemoyee Chatterjee
Associate Professor
Dept. of Biotechnology, The IIS University, Jaipur
9783307311

Organizing Secretaries

Dr. Radha Kashyap
Professor
Dept. of Fashion & Textile Technology
The IIS University, Jaipur
9783307182

Mr. Ashish Tambi
Assistant Professor
Dept. of Environmental Science
The IIS University, Jaipur
9001098739

For further details mail us at
critscience16@iisuniv.ac.in



IISU Campus, Gurukul Marg,
SFS, Mansarovar, Jaipur 302020
INDIA

Tel : 91-141-2400160-161
Fax : 91-141-2395494

Web : www.iisuniv.ac.in
Email : iisuniversity@iisuniv.ac.in

Name of the Course : **2- Week Capacity Building Programme on
Research Methodology for Young Faculty of
Science (21 May-03 June 2015)**

Contact Hours : **70 hrs.**

SCHEDULE

Day 1 (21 May, 2015)

- 9.30-11.00 Introductory Session
- 11.30-1.00 Research Methodology: Conceptual Framework
- ☐ Idea of research;
 - ☐ Basic tenets of qualitative research and quantitative research.
- 2.00-3.30 Research Design
- ☐ Selecting topics for research; factors affecting the problem selection
 - ☐ Pure versus applied research; ☐ Literature review;
 - ☐ Bibliography ☐ References
- 4.00-5.30 Research Design
- ☐ Units of analysis;
 - ☐ Concept, variable(s), hypothesis(es) formulation, paradigm;
 - ☐ Stages of research;
 - ☐ Types of research design with suitable examples

Day 2 (22 May, 2015)

- 9.30-11.00 Scales; Measurement of Scales
- 11.30-1.00 Universe, Nature and Types of Sampling:
- ☐ Probability Sampling ☐ Simple Random Sampling
 - ☐ Proportionate & Disproportionate and others
- 2.00-3.30 Non Probability Sampling:
- ☐ Accidental sampling,
 - ☐ Quota sampling and others
- 4.00-5.30 Field Research
- ☐ Concept and history of fieldwork;
 - ☐ Stages of fieldwork – selecting a research setting, gaining access, presenting oneself, becoming invisible, gathering information;
 - ☐ Field notes – types, coding and analysis;
 - ☐ Ethnography.

Day 3 (23 May, 2015)

- 9.30-11.30 Data Collection
- ☐ Data and data sources: secondary data sources, limitations of secondary data; Need for primary data, collection of primary data
- Observation
- ☐ Concept of observation, its advantages & disadvantages;
 - ☐ Types of observation; field observation – participant and non-participant observation; collection of genealogies; structured and unstructured observation;
- 11.30-1.00 Interview
- ☐ Concept and types of interview – informal, unstructured, semi-structured and structured; intensive interviewing: telephone interview; interviewing children;
 - ☐ The interviewer – tasks, selection, and training; Advantages and limitations of interviewing; response effects and the question of accuracy.
- Concept of Case Study
- ☐ Case Study Method ☐ Types of Case Study
- 2.00 – 3.30 Data Collection
- Survey Method
- ☐ Concept of survey;
 - ☐ Construction of questionnaire & Schedule; wording of questions; open and closed response categories; response category format, Mailed questionnaire; factors affecting mail surveys;
- 4.00-5.30 Sample Distributions
- ☐ Elementary probability theory and probability distributions and their usage,
 - ☐ Large and small sample Tests based on Normal, Students' t and Snedgar's F distributions,

- ☐ χ^2 test of goodness of fit and contingency tables test-statistic tables and its uses.

Day 4 (24 May, 2015)

- 9.30-11.00 Qualitative research methods I
- ☐ Quantification in qualitative research.
 - ☐ Gender considerations.
 - ☐ Study of some samples of qualitative research. The issue of reactivity.
- 11.30-1.00 Qualitative research methods II
- ☐ Writing up qualitative research.
 - ☐ Theoretical perspectives and ethnographic research
- 2.00-3.30 Qualitative research methods III
- ☐ Grounding theory: the historical context; later development of grounded theory; thick description; limitations and criticisms of grounded theory.
- 4.00-5.30 Qualitative research methods IV
- ☐ Phenomenology ☐ Philosophical Research
 - ☐ Critical Social Research

Day 5 (25 May, 2015) (Quantitative Research)

- 9.30-11.00 Descriptive Statistics
- ☐ Basic Statistics: importance of statistical inquiries and their limitations;
 - ☐ Collection and tabulation of statistical data graphical presentation, frequency distribution
 - ☐ Measures of central tendency, measures of dispersion.
- 11.30-1.00 Analysis Data - I
- ☐ Hypothesis Testing
 - ☐ Parametric & Non Parametric Tests
- 2.00-3.30 Analysis of Data – II
- ☐ Correlation ☐ Regression
- 4.00-5.30 Analysis of Data – III
- ☐ Autocorrelation, heteroscedasticity, multicollinearity-diagnosis, corrections.

Day 6 (26 May, 2015)

- 9.30-11.00 Analysis of Data – IV
- ☐ Dummy Variable Regression Analysis
 - ☐ Bi-variate and multivariate regression models
- 11.30-1.00 Analysis of Data – V
- ☐ Limited dependent variable models: LPM, logit model & its applications
- 2.00-3.30 Analysis of Data – VI
- ☐ Limited dependent variable models: Probit model and its applications.
- 4.00-5.30 Practice Session on SPSS

Day 7 (27 May, 2015)

- 9.30-11.00 Analysis of Data – VII
- ☐ Panel Data Analysis: pooled regression
- 11.30-1.00 Analysis of Data – VIII
- ☐ Panel Data Analysis: random effect and fixed effect models and their applications.
- 2.00-3.30 Time Series Analysis:
- ☐ Introduction to Time Series Analysis
 - ☐ Concept of Stationarity, Test of Stationarity
- 4.00-5.30 Time Series Analysis:
- ☐ Lag Model ☐ Forecasting ☐ Accuracy of Forecasts

Day 8 (28 May, 2015)

- 9.30-11.00 Structural Equation Modeling-I
- 11.30-1.00 Structural Equation Modeling -II
- 2.00-3.30 Structural Equation Modeling -III
- 4.00-5.30 Structural Equation Modeling -IV

Day 9 (29 May, 2015)

- 9.30-11.00 Ethics and Politics of Research

<ul style="list-style-type: none"> Ethics and the researcher, ethics and the scientific community, ethics and the sponsors of research; ethical issues involving human subjects – harm, deception, informed consent, special populations and new inequalities; Privacy, anonymity, and confidentiality, making ethical decisions. The politics of research: limits on research, dissemination of research findings; The uses of research: science and society. 	
11.30-1.00 Academic Writing	<ul style="list-style-type: none"> Meaning and types of academic writing Challenges in Academic Writing Papers for Journals Preparation of Reports Writing Books (Difference from PhD thesis)
2.00-3.30 Practice Session on SPSS	
4.00-5.30 Practice Session on SPSS	
Day 10 (30 May, 2015)	
9.30-11.00 Ethics in Academic Writing	<ul style="list-style-type: none"> Meaning and Seriousness of Plagiarism Different Types of Plagiarism How to Prevent Plagiarism Importance of adhering to rules for Referencing/Citation
11.30-1.00 Ethics in Academic Writing	<ul style="list-style-type: none"> Softwares for detection of plagiarism Practice on Turnitin
2.00-3.30 Structure	<ul style="list-style-type: none"> Structure of Paper, Report and Book Differences in structure of each kind of writing
4.00-5.30 Elements of writing	<ul style="list-style-type: none"> Introduction, Literature Review, Methods Organising and Presenting an Argument Discussion, Conclusions, Abstract (for papers) Differences between papers, reports and books in above Quantitative: Data presentation, analyses and discussion Analysis of Data and results, discussion and conclusion.
Day 11 (31 May, 2015)	
9.30-11.00 Research Proposal	<ul style="list-style-type: none"> Writing a research proposal (difference from papers / books / reports) Research Proposal: Main elements Identifying and Presentation of Issue(s)/Topic/ Problem(s) to be studied.
11.30-1.00 Publication Process	<ul style="list-style-type: none"> Journals – submission, review, revision Books – manuscript presentation, review, editing, Dealing with Rejection Importance of Revision (Review Reports, Response sheets) Papers/Books: Criteria for selection Process: Acceptance to Publication (revision, editing, proofing, printing)
2.00-3.30 Research Quiz	
4.00-5.30 Practice Session with SPSS	
	Practice Session with SPSS
Day 12 (01 June, 2015)	
9.30-11.00 Paper Clinic	
11.30-1.00 Paper Clinic	
2.00-3.30 Paper Clinic	
4.00-5.30 Paper Clinic	
Day 13 (02 June, 2015)	
9.30-11.00 Paper Clinic	
11.30-1.00 Paper Clinic	
2.00-3.30 Paper Clinic	
4.00-5.30 Paper Clinic	
Day 14 (03 June, 2015)	
9.30-11.00 Evaluation by the Panel of Experts: Submission of Draft Research Paper	
11.30-1.00 Evaluation by the Panel of Experts: Submission of Draft Research Paper	
2.00-3.30 Evaluation by the Panel of Experts: Submission of Draft Research Paper	
4.00-5.30 Feed Back & Valediction	



THE IIS UNIVERSITY
INSPIRATION INNOVATION SYNERGY

deemed to be University u/s 3 of UGC Act 1956
SFS, Gurukul Marg, Mansarovar, Jaipur-302020

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2-Week
Capacity Building Programme
on
Research Methodology for Young
Faculty in Social Sciences
21 May 2015 - 3 June 2015

Sponsored by
Indian Council of Social Science Research
New Delhi

Organized by
Centre for Research, Innovation and Training
(CRIT)



THE IIS UNIVERSITY

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Introduction

Research is about creating new knowledge. It is a continuous process and requires gradual progression to achieve meaningful results for the benefit of society at large. Research Progression requires a logical and conceptual knowledge, which is found lacking in the today's academic environment. To meet this challenge it is necessary to train and equip the young faculty so that they can comply with the quality standards of research in their respective disciplines. This programme on capacity building in research aims to develop and promote research acumen amongst the young faculty in social sciences including commerce & management and to make them user friendly with the statistical softwares. The Programme has been designed to bridge the gap between theory and practical approach adopted by the young academicians in research progression.

Objectives

The capacity building Programme has been designed to achieve the following objectives:

1. To make the faculty participants familiar and friendly with the basic concepts of research methodology by brushing up their basic knowledge on research methodology.
2. To make the participants user friendly with the statistical software like SPSS and others.
3. To give hands on experience in research to the participants through the field/ practical work assigned to them.
4. To develop the applied research skills of the participants.

Highlights

1. Training on SPSS & other Econometric Software
2. Focus on Academic Writing
3. How to go for research publications
4. Supplementary course materials
5. Interaction with the Experts
6. Personalized doubt clearing

Eligibility

1. Faculty members of any University/College/ Institute are eligible to apply for the Programme.
2. Target participants for the proposed course will be the young faculty members from social science, commerce & management faculty.
3. 50% seats are reserved for women candidates.
4. Preference would be given to SC, ST, OBC and Minority candidates.

Total No. of Participants

1. Total 30 participants will be selected out of the applications received.
2. 20 seats are reserved for outstation candidates and 10 for local candidates.



Outcome

By the end of the programme, faculty participants would be expected to submit the following:

1. A Draft Research Paper in their area of Interest.
2. Write up on the learning's from the programme and how the same would be implemented by the participants.

About the University

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With over 4500 students and 215 staff members, the University offers UG, PG and Doctoral programmes in Arts, Science, Commerce, Home Science, Management and Computer Science & IT.

Established in 1995, as the International College for Girls, affiliated to the University of Rajasthan, the college has crossed significant milestones in its journey towards excellence in higher education. Besides receiving numerous other accolades, it has been accredited A+ by NAAC of UGC, recognized as a college with potential for Excellence (CPE) by the UGC and selected as a model college by the state government. In a national survey by AC-Nielson-ORGMARG in April -May 2010 for the India Today Magazine, ICG is rated as the top college in the state in Arts, Science and Commerce streams. Ranked among the top 30 institutions of the country in this survey, the college has become a symbol of quality education and women empowerment grooming the young girls into World Ready Women.





Panel of Resource Persons

1. **Prof. Vinay Kumar Srivastava**
Department of Anthropology
University of Delhi, Delhi
2. **Prof. Ravindra Vinayak**
Retd. Professor
M.D. University, Rohtak (Haryana)
3. **Dr. B.K. Saini**
Department of Commerce &
Business Management
Gurunank Dev University,
Amritsar (Punjab)
4. **Dr. Sanket Vij**
Prof. & Head, of Department
of Commerce,
B.P.S. Women University,
Khanpur kalan Sonapat (Haryana)
5. **Prof. Karori Singh**
(Observer for the course)
South Asia Study Centre
University of Rajasthan, Jaipur (Raj)
6. **Dr. Neeraj Kaushik**
Expert on SPSS
NIT, Kurkshetra (Haryana)
7. **Dr. Ajay Kumar Singh**
Department of Commerce
Faculty of Commerce and Business
Delhi School of Economics
University of Delhi, Delhi
8. **Prof. Amita Sharma**
Dept. of Statistics
University of Rajasthan, Jaipur (Raj)
9. **Dr. Narendra Kumar Garg**
Professor, Department of Commerce
Maharshi Dayanand University
Rohtak (Haryana)
10. **Dr. Girish Taneja**
Expert on Research Tools
& Techniques
Jalandhar (Punjab)
11. **Dr. Nisha Yadav**
Professor,
Dept. of Sociology
The IIS University, Jaipur (Raj)
12. **Prof. G.C. Tikkiwal**
Dept. of Mathematics & Statistics
Jai Narayan Vyas University,
Jodhpur (Raj)
13. **Prof. P.C. Gupta**
Former Prof.
Dept. of Statistics,
Sourashtra University
Surat (Gujrat)
14. **Prof. N.D. Mathur**
Dept. of EAFM
University of Rajasthan, Jaipur (Raj)
15. **Prof. Prabhat Pankaj**
Director
Jaipuria Institute of
Management, Jaipur (Raj)
16. **Prof. Gurjeet Singh**
Professor & Head, Dept. of Law
Guru Nanak Dev University,
Amritsar (Punjab)
17. **Prof. Som Deo**
Director-Administration & Planning,
ICSSR, New Delhi, Delhi
18. **Prof. M.L. Sharma**
South Asia Study Centre,
University of Rajasthan, Jaipur (Raj)



19. **Dr. Priyanka Upadhyaya**
Director
Malaviya Centre for Peace & Research,
Banaras Hindu University,
Varanasi (UP)
20. **Prof. Sanjay Sehgal**
Department of Financial Studies
University of Delhi, South campus,
New Delhi, Delhi
21. **Dr. Gopal Singh**
Retd. Professor
Kota University, Kota (Raj)
22. **Prof. Lakhwinder Singh**
Head, Department of Management
Gurunank Dev University,
Amritsar (Punjab)

Dates & Venue Date : 21 May 2015 to 3 June 2015
Venue : The IIS University, SFS, Gurukul Marg, Mansarovar, Jaipur-20

About CRIT

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1. ICSSR Sponsored Ten Days Course on Research Methodology, 10-19 September, 2013
2. Seven Days National Workshop on Research Methodology & Statistical Analysis Using IBM SPSS, from 10-16 June, 2014.
3. Eight Days National Workshop on Research Methodology & Statistical Analysis Using IBM SPSS from 02-09 July, 2014.
4. Two Days National Workshop on Ethics in Scientific Writing and Plagiarism from 07-08 November, 2014.
5. Two Days National Workshop on "Research Plan & Proposal" in collaboration with IQAC from 13-14 February, 2015.
6. ICSSR Sponsored Two days National Seminar on Women Empowerment and Inclusive Growth, 13-14 March, 2015.

Registration

There is no registration fee for the Programme. Interested candidates may send their registration form duly filled and forwarded by the Head/Principal/Registrar/Director of their College/University/Institute, to the course director on or before 21st April 2015. Registration form and brochure can be downloaded from the university website. The candidates may send scanned copies of registration form and other documents by Email to crit@iisuniv.ac.in, followed by hard.

The duly filled in registration form forwarded by Head of the University/College/Institute accompanied by the following documents:

1. A brief profile of the candidate along with academic achievements.
2. Write up of 200 – 300 words about the research aptitude including why they want to attend this programme and their expectations from the Programme.
3. Attested copy of Caste/Community certificate of ST/SC/OBC/Minority
4. No objection certificate or relieving letter from the employer.

Advisory Committee

Dr. Ashok Gupta
Vice Chancellor,
The IIS University, Jaipur

Dr. K.S. Sharma
Advisor
The IIS University, Jaipur

Dr. Raakhi Gupta
Rector & Registrar
The IIS University, Jaipur

Prof. N.K. Jain
Dean, Faculty of Arts &
Social Sciences
The IIS University, Jaipur

Prof. M.K. Sharma
Dean, Faculty of Commerce
& Management
The IIS University, Jaipur

Prof. Pradeep Bhatnagar
Dean, Faculty of Sciences
The IIS University, Jaipur

About Jaipur



Jaipur, the pink city of India is the starting point for visitors of Rajasthan. The capital of Rajasthan, Jaipur, casts an unusual spell on the travelers with its royal palaces, forts and monuments, revealing a historic past of chivalrous warriors, aristocratic royal ladies, art & craft, literature and science. Handicrafts like miniature paintings, textiles, blue pottery and jewelry make it a shopper's paradise as well.

Connectivity to The IIS University, Jaipur

• Jaipur Railway Station	12 KM
• Sanganeer Airport	05 KM
• Gandhi Nagar Railway Station	06 KM
• Durgapura Railway Station	03 KM

Accommodation & Travel

Accommodation will be provided to outstation participants on twin sharing basis and travel allowance will be reimbursed by the shortest route (2nd class sleeper/actual bus fare) to the outstation participants subject to the production of ticket as per ICSSR guidelines.

The complete Registration form should be sent on the address mentioned below:

Dr. Subhash Garg
Dean & Director
Centre for Research, Innovation and Training (CRIT),
The IIS University, SFS, Gurukul Marg, Mansarovar, Jaipur-302020
Email : crit@iisuniv.ac.in

Important Dates

- ☐ Date of Programme: 21 May-3 June, 2015
- ☐ Last date for submitting application form: 21 April, 2015
- ☐ Notification for selected Candidates: 25 April 2015 by Email/Phone.

Organising Committee

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Dean & Director, CRIT,
The IIS University,
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