Ten Days Course on
Research Methodology

10-19 September, 2013

Sponsored by
Indian Council of Social Science Research
New Delhi

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

THE IIS UNIVERSITY

10 Days course on
Research Methodology

ABOUT COURSE

Research methodology is dynamic in nature and equips researchers with comprehensive outlook about the research. It enables them with the knowledge and importance of statistical research methods which makes their work objective in nature and provides it wide acceptance. The preparation and submission of research proposal or publishing a scientific paper has become a challenging job. We aim to train the participants about the use of statistical techniques and familiarize them with the critical overview of the concepts and theories of research methodology used in research.

This course will help scholars in formulation of proposals for different academic assignments by creating a scientific orientation among them. The course intends to give theoretical and practical knowledge about research methodology among the scholars, with objective to encourage research.

The course, start with an introduction to the theoretical concepts of research Methodology and implied aspects and analysis.

OBJECTIVES OF THE COURSE

The primary objective of this course is to improve research skills and competence among young researchers. It will:

- address the analytical strategies of qualitative research and statistical analysis of surveys
- provide a platform for presenting the results
- take into its purview the challenges of data analysis and writing in professional and academic settings.

KEY HIGHLIGHTS

The key highlights of the course are:
- ☐ Hands–on training with SPSS
- ☐ Practice sessions with model exercises

- ☐ Productive thinking skills
- ☐ Scientific method and experimentation skills
- ☐ Discussion on application of statistical tools
- ☐ Discussion on common errors in research

RESOURCE PERSONS

- ☐ **Prof. Ramesh Dadeech**
  ICSSR, New Delhi
- ☐ **Prof. Vinay Kumar Srivastava**
  University of Delhi, Delhi
- ☐ **Prof. G.C. Tikkiwal**
  Jai Narayan Vyas University, Jodhpur
- ☐ **Prof. N.D. Mathur**
  University of Rajasthan, Jaipur
- ☐ **Prof. Amita Sharma**
  University of Rajasthan, Jaipur
- ☐ **Dr. Neeraj Kaushik**
  T.I.T.S., Biwani
- ☐ **Dr. Balwinder K. Saini**
  Gurunanak Dev University, Amritsar
- ☐ **Dr. Ajay Kumar Chauhan**
  I.M.T., Ghaziabad
- ☐ **Dr. Sanket Vij**
  I.N.S.A.R., Maharishi Dayanand University, Rohtak
- ☐ **Dr. Prabhat Pankaj**
  Jaipuria Institute of Management, Jaipur
- ☐ **Prof. V.K. Kaul**
  Delhi University, Delhi
- ☐ **Dr. G.S. Keval Ramani (Retd.)**
  University of Rajasthan, Jaipur

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- **Target participants** for the proposed course are those who are pursuing research, however, the following may also apply :
  - ☐ Research Scholars
  - ☐ Faculty members
  - ☐ Others who have an aptitude to learn research

- **How to Apply** : The duly filled registration form with the sanction of authority and required enclosures should reach the **Course Director** on or before 20 August 2013. The registration form can be downloaded from our website : www.iisuniv.ac.in.

- The application of all the participants should be forwarded by the sponsoring authorities, namely the Institution/Employer/Research Supervisors of the candidates concerned.

- All the applicants will submit their resume, present status of their research work duly recommended by the Supervisor, copy of the registration certificate, synopsis/note on their research work along with the registration form.

- **Selection** : Selection will be based on First come First serve basis as number of seats has been kept restricted to 50 participants with an idea to make it an convenient interaction. Candidates selected will be intimated by 31 August, 2013.

- **Certificate** : A Certificate of participation will be issued for attending the course. Full attendance is mandatory.

VENUE AND DATES

The course is proposed to be organized between 10–19 September, 2013 at
Centre for Research, Innovation and Training (CRIT)
The IIS University
SFS, Gurukul Marg, Mansarovar
Jaipur–302020

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

REGISTRATION

Registration fee is:
☐ Faculty or Equivalent   Rs. 1000/–
☐ Research Scholars   Rs. 500/–
A request for registration in the prescribed form may be sent to the crit@iisuniv.ac.in latest by 20 August 2013.

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

- The non-local participants will be entitled to get second class return railway fares/ actual bus fare.
- Fee once submitted will not be refunded however substitute nomination of the candidate from the same institute is acceptable.
- Local hospitality including lodging and boarding will be provided by the University only for the outstation participant. Additional Fee of Rs. 2000/– will be charged for the person if in case accompanying the participant separately.

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

Dr. Subhash Garg
Course Director
Ten Days Course on Research Methodology
Dean, Centre for Research, Innovation and Training (CRIT)
The IIS University,
SFS, Gurukul Marg, Mansarovar, Jaipur–302020 Rajasthan

IMPORTANT DATES
Last date of registration– 20 August, 2013
Duration of Course – 10–19 September, 2013

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 shoppers paradise as well.

ABOUT THE 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 4000 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 Magzine, 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.

TENTATIVE PROGRAMME SCHEDULE

Session-I 9.30 AM-11.00 AM	Tea	Session-II 11.30 AM-1.00 PM	Lunch	Session-III 2.00 PM-3.30 PM	Tea	Session-IV 4.00 PM-5.30 PM
10 September, 2013						
Registration		Inaugural Session		Research Methodology : Conceptual Framework-I		Research Methodology : Conceptual Framework-II
11 September, 2013						
Types of Research Desigh : Experimental ; Control Group & Experimental Group; Ex-post Facto Research Design		Concepts in Research : Variables, Attributes,		Hypotheses: Concept & Types of Hypotheses, Formulation of Hypothesis, Testing of Hypothesis		Essentials of Review of Literatures
12 September, 2013						
Universe, Nature & Types of Sampling: Probability Sampling : Simple Random Sampling, Proportionate and Disproportionate Stratified Random Sampling, Cluster Sampling.		Non-Probability Sampling: Accidental Sampling, Quota Sampling, Purposive Sampling, Snowball Sampling		Tool of Data Collection: Primary & Secondary-Questionnaire, Types and Formats;	Normalization,	Data Cleanliness, Data Editing
13 September, 2013						
Observation		Case Study Method		Content Analysis		Rating Scales: Osgood, Bogardus
14 September, 2013						
Rating Scales: Thurston; Likert; Guttman		Participatory Research: PRA & RRA		Qualitative and Quantitative Research Designs- Grounded Theory, Case Study,		Ethnographical Perspective
15 September, 2013						
Phenomenological Perspective		Ethnomethodological Perspective		Descriptive Statistics: Measurement of Central Tendency, Dispersion, Skewness, Kurtosis, Regression and Correlation		Measurement of Correlation: Karl Pearson's Correlation and Rank Correlation
16 September, 2013						
Statistical Inference: Point and interval estimates, Parametric and Non Parametric Test (Chi-Square, Test of Differences, Significance and Freedom)		Analysis of Variance and Co-Variance: One way and two way classification		SPSS		SPSS
17 September, 2013						
SPSS		SPSS		SPSS		SPSS
18 September, 2013						
Report Writing		References in Report Writing (Style Sheet)		References in Report Writing (Style Sheet)		How to write an academic Research Paper
19 September, 2013						
Field Report Presentations		Field Report Presentations		Field Report Presentations		Field Report Presentations

ORGANIZERS

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

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

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

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The IIS University, Jaipur

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The IIS University, Jaipur

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For further details contact us

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THE IIS UNIVERSITY

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

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