



# **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

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## 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](http://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

- |                                |       |                             |       |
|--------------------------------|-------|-----------------------------|-------|
| ❑ Jaipur Railway Station       | 12 KM | ❑ Sanganer Airport          | 05 KM |
| ❑ Gandhi Nagar Railway Station | 06 KM | ❑ 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](mailto: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:

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> A/c Holder | The IIS University                  |
| <input type="checkbox"/> Branch     | SFS, ICG Campus, Mansarovar, Jaipur |
| <input type="checkbox"/> A/c No.    | 09871450000152                      |
| <input type="checkbox"/> 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](mailto: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

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Faculty of Commerce & Mgt.  
The IIS University, Jaipur

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Dean  
Faculty of Arts & Social Sciences  
The IIS University, Jaipur

### ORGANIZING COMMITTEE

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9783307311

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