

BIOLOGICAL SCIENCES

7-Day Workshop on Advanced Techniques in Biological Sciences

6 December - 12 December, 2016

Time : 9:30 am to 4:30 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 : crit@iisuniv.ac.in • Web: www.iisuniv.ac.in

ABOUT THE WORKSHOP

In the present research scenario, Advanced Techniques have become an essential pre requisite to carry out quality research. Various such techniques are used in different fields of biology to solve particular environmental and biological problems. New applications of such techniques continue unabated in all spheres of life.

In this workshop, the participants will be familiar with the hands on practices of many basic as well as advanced techniques of cell culture handling, maintenance, preservation and their usage in various molecular biology aspects.

In this regard, the workshop will be helpful for the participants to learn various techniques associated with animal cell culture and molecular biology, including DNA & protein isolation, electrophoresis, PCR etc. Invited lectures from eminent scientists will further facilitate the understanding and learning.

OBJECTIVES OF THE WORKSHOP

The workshop will give an overview of molecular biology application in Biotechnology. It will also include hands on sessions on basic techniques used in molecular biology such as :

- Plasmid DNA Isolation
- PCR
- Gel Electrophoresis
- SDS PAGE
- Immunocytochemistry
- Advanced Cell Culture Techniques
- Cell Proliferation Assay

TARGET PARTICIPANTS

The proposed workshop is meant for Postgraduate students, Research scholars and faculty members of Bioscience.

DATES AND VENUE

Date 6-12 December, 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 1 December, 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.

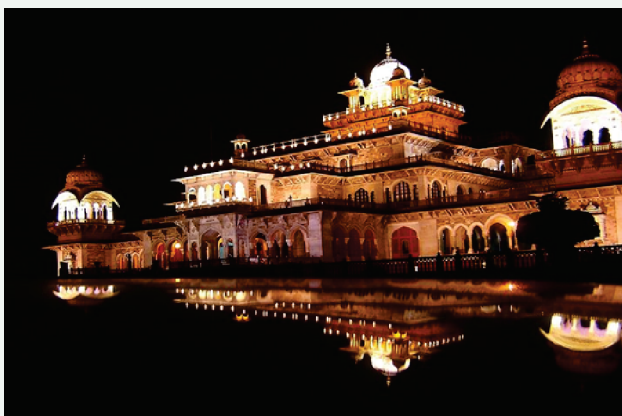
Besides receiving numerous other accolades, it has been accredited A+ by NAAC of UGC, recognized as a college with potential for Excellence (CPE) by the UGC and selected as a model college by the state government. In a national survey by AC-Nielson-ORGMARG in April-May 2010 for the India Today Magazine, 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. 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), 4-11 April, 2016.
12. 2-Week Workshop on Research Methodology for Faculty members and Research Scholars, 15-28 June, 2016.



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 DETAILS

Registration up to
1 December 2016

<input type="checkbox"/> Research Scholars & Students	₹3000
<input type="checkbox"/> Faculty Members	₹3500

The fee includes workshop kit, lunch and high-tea.
The number of seats for participants is limited to **30**, 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

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. Priyanka Mathur
Associate Professor
Dept. of Zoology, The IIS University, Jaipur
9783307179

Organizing Secretary

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

Members

Dr. Lata Shahani, Dr. Lopa Mudra Guha, Dr. Anuja Vajpayee

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