

**TRAINING COURSE ON
“CAPACITY BUILDING FOR HEALTHCARE PROFESSIONALS IN BASIC REPRODUCTIVE
BIOMEDICINE TECHNIQUES”
March 19th -21st, 2025**

Course Coordinator: Prof. Rajesh Kumar

Course Co-coordinator: Dr. S. Ramachandra Rao

Course Associates: Dr Vikram Singh
Ms. Poonam Sharma
Ms. Shikha Saini



Department of Reproductive Biomedicine,
The National Institute of Health and Family Welfare



About the Institute:

The National Institute of Health and Family Welfare is a premier autonomous institute, funded by Ministry of Health and Family Welfare, Govt. of India. The NIHFV is to be seen as an Institute of global repute in public health & family welfare management. It has kept pace with the new thinking and is contributing substantially to the health manpower development in the country. The NIHFV serves as an apex 'Technical Institute' as well as a 'think tank' for the promotion of national health and family welfare programmes in the country through education and training, research and evaluation, consultancy, advisory, and specialized services and specialized projects.

General Objective:

To equip participants with essential knowledge on fundamental techniques in reproductive biomedicine, artificial insemination, and biosafety practices implemented in healthcare facilities .

Specific Objectives & Course content:

1. Describe the techniques in semenology such as sperm count, motility, viability, sperm and germ cell morphology, CASA.
2. Evaluation of interaction between spermatozoa and cervical mucus.
3. Demonstration of artificial insemination.
4. Role of healthcare professionals in dealing equipment & personnel safety procedures in the lab facility.
5. Introduction of various techniques in Reproductive Bio-medicine for infertility management.
6. Demonstrate implementation of quality control in lab settings.
7. Basic guidelines of ART Clinics in India .
8. Biomedical Waste Management 2016 Guidelines & Amendments.

Methodology:

Lecture/Group Discussion: These sessions would brief the participants on important areas in the field of Reproductive Bio-Medicine like Male & female Reproductive Functions, the essential laboratory techniques of reproductive biomedicine, Intra uterine insemination(IUI), Laboratory quality control & Safety procedures, Biomedical waste management, Basic guidelines and regulations of ART Clinics in India etc.

Demonstration: The participants would be taken to various laboratories for the practical demonstration of techniques and methodologies used for carrying out general as well as biochemical analysis of the semen and cervical mucus.

Duration of Training Course:

3 days offline mode.

Timing- 10:00 AM to 5.00 PM.

Number and nature of participants:

Approximately 20-30 participants viz, Medical professionals, Scientists, Research and Laboratory staff from various health care facilities from governmental & private sectors across the India.

Boarding and lodging facilities available inside campus on applicable payment basis.

Training outcome:

The healthcare professionals who attend the training will gain the knowledge and rich experience on Reproductive Bio-medicine techniques to address the infertility care & management .

Course Fees:

There is a course fees of Rs. 3000/-per participant as per the institute norms. Each application must be accompanied with the course fees in online banking or in the form of a demand draft Payable In favour of Director, NIHFW, New Delhi. TA/DA of the participants will be borne by sponsoring organizations. The institute will bear only expenditure of course materials and working lunch and Tea.

The bank details are: Name of the beneficiary: Director NIHFW,
Bank Name & Branch: SBI, NIHFW, Munirka, New Delhi
Account No. : 10932790787 IFSC Code No. : SBIN0001624
Branch Code No. : 01624

How to apply:

Application via email may be sent to Dr Vikram Singh, (E-mail: drvikram@nihfw.org), Course associate, Department of Reproductive Biomedicine, The National Institute of Health and Family Welfare, Munirka, New Delhi-110067 (Telephone Nos. 26165959, Extn.185 Mobile: 8285234606) through proper channel giving particulars of the candidates as given below:

1. Name
2. Address for communication including e-mail address and phone/mobile number.
3. Age and date of birth
4. Sex
5. Educational Qualifications
6. Present Designation
7. Institute Name

Last date of receiving the applications: Before 17th March, 2025

Venue:

Department of Reproductive Biomedicine,
The National Institute of Health and Family Welfare,
Munirka, New Delhi, India

Further correspondence may be addressed to:

Prof. Rajesh Kumar, Course coordinator, Department of Reproductive Biomedicine, The National Institute of Health and Family Welfare, Munirka, New Delhi, India.
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