



DHR Sponsored Training Program on 'BIOMEDICAL TECHNIQUES IN MODERN BIOLOGY'

Organized by

Centre for Molecular and Nanomedical Sciences
Sathyabama Institute of Science and Technology
(Deemed to be University), Chennai

Sponsored by

Department of Health Research (DHR)
Ministry of Health and Family Welfare
Government of India

Date: 23.06.2025 to 31.07.2025 | Time: 09:00 to 16:30 | Venue: International Research Centre, SIST

PROGRAM FEATURES

- Blend of theory and hands-on practical sessions.
- Hands-on training in advanced Biomedical techniques.
- Skill development on modern biology techniques.
- Assistance in designing research projects and troubleshooting sessions.

PROGRAM MODULE

- Confocal Microscopy Techniques
- Flow Cytometry Analysis
- Immunofluorescence and Immunoblotting
- Immunohistochemistry
- Live Cell Imaging Using Confocal Microscopy
- qPCR and data analysis
- 3D Cell Culture and 3D Printing
- Gene Transfer Techniques
- Cell Culture and Cell-based Assays
- Molecular Docking
- Enzyme-Linked Immunosorbent Assay (ELISA)

ELIGIBILITY

Faculty/Scientists working at Govt/Private Universities/Institutions/Colleges/NGOs; Candidates pursuing or completed Ph.D, MD, MBBS, BDS, MDS, M.Tech, M.Pharm, and M.Sc (Medical/Life sciences) courses are eligible to apply for this program.

REGISTRATION

- **Registration link:** <https://shorturl.at/ewDWr>
- **Limited seats:** 25 participants.
- There is '**No registration fees**' for attending this program, since it is fully funded by ICMR-DHR.
- **Certificate** will be issued after successful completion of the program.

PATRONS

Dr. Mariazeena Johnson, Chancellor
Dr. Marie Johnson, President
Mr. J. Arul Selvan, Vice President
Ms. Marie Bernadette Tamilarasi, Vice President
Ms. Marie Catherine Johnson, Vice President
Dr. T. Sasipraba, Vice Chancellor



Scan to Register

PROGRAM INFORMATION

- **Late date to apply: 10.06.2025**
- Selected participants will be intimated by 12th June, 2025.
- **No Objection Certificate (NOC)** from the participant's institution is mandatory.
- Participants are asked to arrange their own accommodation.
- Travel fare will not be reimbursed.

ABOUT THE ORGANIZER

Sathyabama is a renowned institution with over 36 years of excellence in Engineering, Science, and Technology. It offers multidisciplinary programs across various fields, including Engineering, Law, Pharmacy, Nursing, and Management. Sathyabama is established under Sec. 3 of the UGC Act, 1956, accredited with an 'A++' grade by the NAAC, and Category -1 University by UGC.

OBJECTIVE OF THE PROGRAM

DHR-HRD scheme aims to enhance the skills of medical faculty, mid-career scientists, and students, fostering a pool of talented health researchers, thereby encourage trainees to develop research projects addressing national health issues.

PROGRAM ORGANIZERS

Dr. S. Johnson Retnaraj Samuel,
Associate Professor (Research)
Dr. S. Jackson Durairaj, Associate Professor (Research)
Dr. Y. Beryl Vedha, Assistant Professor (Research)
Dr. Joyita Hazra, Assistant Professor (Research)

CO-CONVENERS

Dr. A. Dayanandan, Professor (Research)
Dr. A. Madan Kumar, Assistant Professor (Research)
Dr. S. Nandha Gopal, Assistant Professor (Research)

CONTACT

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