

About the Trust

Shri Ramkrishna Seva Mandal is a registered society and a public trust established in the year 1954-55, managing more than 27 academic institutions. The trust believes in providing scientific and value-based education by maintaining pace with the ever increasing needs of modern educational environment.

About the Institute

Anand Pharmacy College is one of the leading institute of Gujarat established in 1998 by Shri Ramkrishna Seva Mandal. The institute is conducting All India Council for Technical Education (AICTE), New Delhi approved courses since 1998. Anand Pharmacy College offers B.Pharm, M.Pharm in Pharmaceutics, Pharmacology, Pharmaceutical Quality Assurance, Industrial Pharmacy & Pharmaceutical Technology and Ph.D. courses. The institute is re-accredited by NAAC Third cycle with A+ grade (CGPA 3.38) and accredited by NBA (UG Course-2014-2020). The institute regularly invites learned and eminent entrepreneurs, academicians, industrialists and dignitaries to deliver lectures and create an environment of enthusiasm and zeal among students and staff members for educational excellence.

About GSBTM

The State Government of Gujarat, in its resolve and continued endeavors for socio-economic upliftment of society, has identified Biotechnology as most potential tool for development. The State intends to promote biotechnology sector by building appropriate image, encouraging entrepreneurship, strengthening organizational

colorations and forecasting business partnerships. For facilitating the development of biotechnology in the State, Government of Gujarat has constituted Gujarat State Biotechnology Mission, under the aegis of Department of Science and Technology. GSBTM will promote, support and facilitate the development of biotechnology in the state by promoting research and development in the field of biotechnology, by generating the quality human resource in the field of biotechnology.

Preamble

Biotechnological and molecular tools have become important in the diagnosis of diseases and its management. Rapid advancements in the field of molecular biology have stimulated research and significantly impacted progress in all the areas of biological sciences. These involve high-end sophisticated instrumentation that requires skill-based training for handling the equipment. Thus, a basic understanding of molecular biology tools and hands-on training among research scholars and students of various streams of biological sciences is critical. Hence, this workshop aims to acquaint the target group with focused and comprehensive hands-on training on basic molecular biology techniques.

Objectives

- ✓ The main purpose of this programme is to improve the knowledge of delegates about Molecular biology techniques.
- ✓ Participants gain thorough understanding of the molecular tools and techniques, including converting RNA to cDNA, optimizing a qPCR reaction, primer design, and determining their genes' expression level of interest and many more.

- ✓ The participants to gain expertise in using PCR techniques, build a career in molecular biology and further ensure technology transfer in the lab of individual researchers.
- ✓ The participants shall be encouraged to discuss their ongoing research work with the trainers, which will be helpful to them.

Resource Persons

Eminent resource persons will deliver in depth information.

Eligibility

This Programme is intended for the pharmacologists, researchers, academicians, health care professionals and students in the field of pharmacy, medicine, Zoology, biotechnology, and Agriculture.

Registration

Registration link :

<https://forms.gle/f2ysWMtM7CzbSriR9>

Registration fee	
Faculty	1000 /- Rs.
Students	750/- Rs.

Last date of Registration: **25th February, 2023**

Limited seats upto 50 participants!!

IMPORTANT INSTRUCTIONS :

1. Those who are eligible to attend the workshop will receive a registration confirmation email.
2. Certificate will be provided to those participants who attend all the sessions.

PROGRAMME SCHEDULE

Time	Topics
Day 1 :- February 27, 2023	
09:00 to 9:30 am	Registration and Refreshment
9:30 to 11:00 am	Introduction to Molecular Biology and its application.
11:00 to 11:30 am	Inaugural function
11:30 to 1:00 am	Insights of bioinformatics.
1:00 to 2:00 pm	Lunch
2:00 to 3:45 pm (Batch A1 to Batch A5)	Hands on training on pipetting techniques, DNA and RNA Extraction.
2:00 to 3:45 pm (Batch B1 to Batch B5)	Hands on training on NCBI blast and primer design; Sequence submission.
3:45 to 4:45 pm (Batch A1 to Batch A5)	Hands on training on NCBI blast and primer design; Sequence submission.
3:45 to 4:45 pm (Batch B1 to Batch B5)	Hands on training on pipetting techniques, DNA and RNA Extraction.
4:45 to 5:00 pm	High tea
Day 2 :- February 28, 2023	
10:00 to 11:30 am (All batches)	Hands on training: Quantification and purification of DNA and RNA (Use of various qinstruments).
11:30 to 12:15 pm	PCR techniques and its application with a empahsis on pharma field.
12:15 to 12:45 pm	Lunch
12:45 to 2:15 pm (Batch A1 to Batch A5)	Hands on training on cDNA synthesis.
12:45 to 2:15 pm (Batch B1 to Batch B5)	Hands on training on gene expression.
2:15 to 2:30 pm	Tea break
2:30 to 4:00 pm (Batch A1 to Batch A5)	Hands on training on gene expression.
2:30 to 4:00 pm (Batch B1 to Batch B5)	Hands on training on cDNA synthesis.
4:00 to 4:30 pm	Valedictory Function.
4:30 to 5:00 pm	Certificate distribution and High tea

ORGANIZING COMMITTEE

Patrons

SHRI HEMANTBHAI PATEL

President, SRKSM, Anand

Smt. JYOTSNABEN PATEL

Hon. Secretary, SRKSM, Anand

Convener and Coordinator

Dr. TEJAL GANDHI

Principal and Professor,

Anand Pharmacy College,

Anand

Co-Coordinator

Ms. Prexita Patel ,

Ms. Navdha Vyas,

MsAnjali Patel

For Payment, Please refer following detail:

Bank Name	Bank of Baroda
Account Holder Name	Anand Pharmacy College
IFSC Code	BARBOANANDX (fifth character is zero)
Account Number	Account Number 02940100001289

As this is a limited seat workshop, once registered, the registration fee is non-refundable.

*The further details are available on website,
www.apc.ac.in/conference.aspx*



GSBTM & DST SPONSORED & SSIP supported

Two days national level workshop on

“MOLECULAR BIOLOGY TECHNIQUES.”

27-28 February, 2023



Organised by

ANAND PHARMACY COLLEGE

Dedicated to pharmacy education and research....

Managed by

Shri Ramkrishna Seva Mandal

Opp. Town Hall, Anand, 388 001, Gujarat,

INDIA.

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