

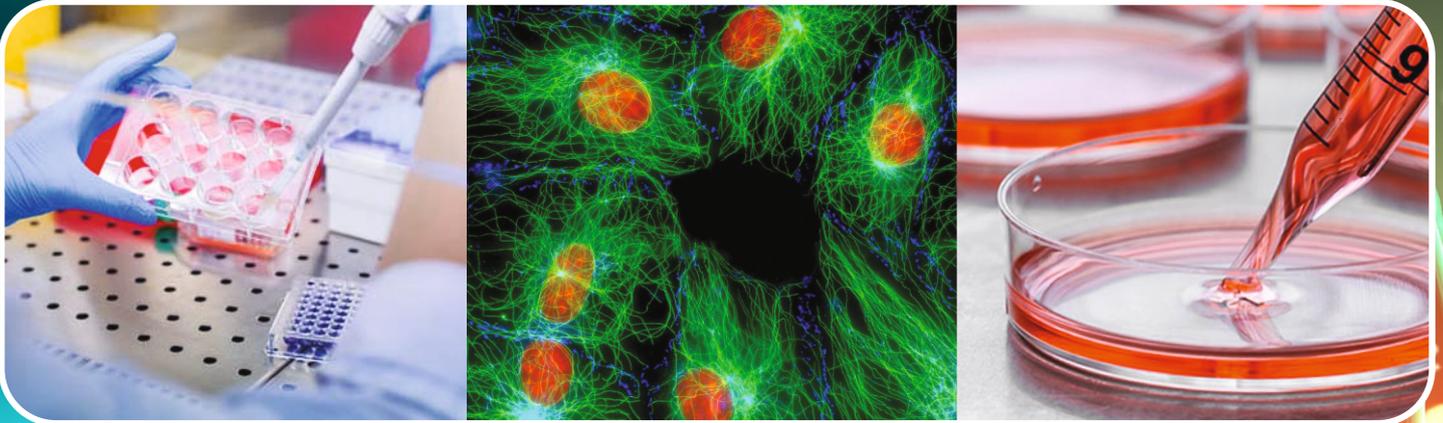


GSBTM SPONSORED  
3-DAYS NATIONAL HANDS-ON WORKSHOP ON

# ANIMAL CELL CULTURE TECHNIQUES

ACCT - 2023

21<sup>st</sup> - 23<sup>rd</sup> December, 2023



Organized by

**Department of Biotechnology  
Atmiya University, Rajkot, Gujarat**

In collaboration with  
**Shri M. & N. Virani Science College (Autonomous), Rajkot**

## ABOUT THE WORKSHOP

Animal cell culture technology has become indispensable in the field of biotechnology in today's scenario, which provides a basis to study gene regulation, proliferation, differentiation, drug development etc. This workshop aims to provide demonstrations and hands-on training on several basic techniques used in animal cell culture which will confer a benefit to the attendees either they are beginners or working in the field of medicinal chemistry, cancer biology, tissue engineering, toxicology and regenerative medicine. This workshop consists of theory session followed by hands-on experiments of various key techniques of animal cell culture.

## KEY LEARNING

- Maintenance and passaging of cell lines
- Lymphocyte separation & culturing
- Cell counting using Haemocytometer
- MTT Assay for cell cytotoxicity
- DNA and Protein isolation from cultured cells
- Cell Migration/Wound healing assay

*The participants will also have a chance to analyse their own samples (with prior approval)*

## EMINENT SPEAKERS

### Dr. Dhruv Kumar

Professor & Cluster Head  
School of Health Sciences & Technology  
UPES University, Dehradun, Uttarakhand

### Dr. Kamal Mandal

Scientist  
Centre of Cell & Gene Therapy  
Intas Pharmaceuticals Ltd., Ahmedabad

## REGISTRATION AND PAYMENT

- **Registration:** <http://seminar.atmiya.ac.in/>  
After payment fill your detail in the below link  
<https://bit.ly/3M3ra6O>
- **Deadline:** 30<sup>th</sup> November 2023
- **Fees:**  
Rs. 1000/- for Student/Research Scholar  
Rs. 1500/- for Faculty/Industrial Person
- **Limited Accommodation shall be provided on payment basis.**

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**PARTICIPANTS ONLY**

For detail, Please contact

**Dr. Anmol Kumar | 9162729435 | [anmol.kumar@atmiyauni.ac.in](mailto:anmol.kumar@atmiyauni.ac.in)**

## ABOUT US

The Department of Biotechnology was established in June, 1999 and is promoted under ATMIYA University since June 2018. The department is notable in the Saurashtra-Kachchh region of Gujarat for providing high-quality teaching and research. It offers B.Sc., M.Sc. and PhD course in Biotechnology. We are exclusively privileged Department in the state of Gujarat to be awarded UGC assistance for M.Sc. Biotechnology under Innovative Programme- Teaching & Research in Interdisciplinary & emerging area since June 2004. His Divine Holiness Hariprasad Swamiji Maharaj, the spiritual successor of Lord Swaminarayan, is the mentor of ATMIYA University. With his blessing, P.P. Tyagvallabh Swamiji has envisioned Atmiya University to be a global leader in every domain area of higher education.

Shri Manibhai Virani and Smt. Navalben Virani Science College is one of the oldest college in the region and has achieved eminence above every seat of learning. It is included under 2(f) and 12 (B) of UGC in 1976 and 1989 respectively. The college has a well thought out curricular system and underpins a culture of close academic supervision and careful personal support for the students.

# ORGANIZING COMMITTEE

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## CONVENER

**Dr. Nutan Praksah Vishwakarma**  
Head, Department of Biotechnology

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**Dr. Anmol Kumar**  
Assistant Professor

**Dr. Praveen Gupta**  
Assistant Professor

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**ATMIYA**  
**UNIVERSITY**

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 [www.atmiyauni.ac.in](http://www.atmiyauni.ac.in)

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