



# ATMIYA UNIVERSITY

RAJKOT, GUJARAT (INDIA)

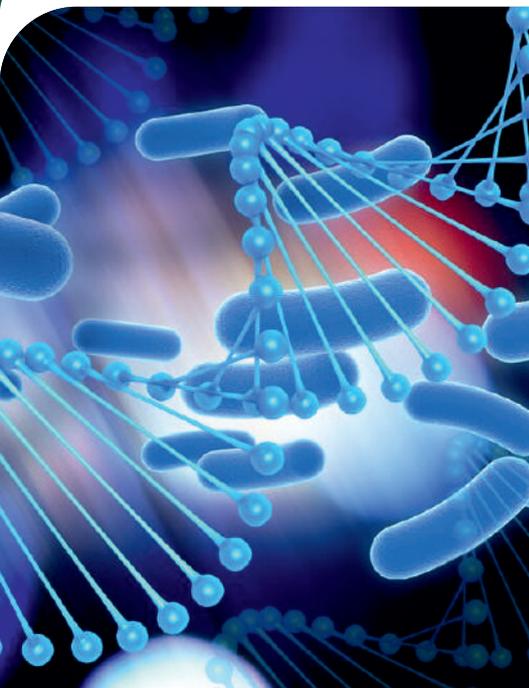


GSBTM-GUJARAT SPONSORED  
5-DAY NATIONAL DUAL HANDS-ON ADVANCED GENOMICS WORKSHOP

## BRIDGING MOLECULAR DIAGNOSTICS FROM BENCH TO COMPUTER AGW 2024

30<sup>th</sup> July – 3<sup>rd</sup> August 2024

Organized by  
Department of Biotechnology  
Atmiya University, Rajkot, Gujarat



## ABOUT THE WORKSHOP

---

---

- Genomics has revolutionized the field of Molecular Diagnostics, offering unprecedented insights into the genetic basis of diseases and enabling the development of precise, personalized medical treatments. As the importance of genomics continues to grow, there is an urgent need for professionals to master advanced techniques that bridge experimental and computational approaches.
- AGW-2024 stands out as a state-of-the-art program designed to meet this critical need of the hour. It provides participants with a unique opportunity to engage in both laboratory (wet lab) and computational (dry lab) hands-on experiences, making it a first-of-its-kind event in the advanced technological areas of genomics research.

## KEY LEARNING

---

---

- Insights into Plant Transcriptome Analysis
- Comparative Genomics: Principles and Applications
- Artificial Intelligence in Genomics
- Insights into Gut Microbiome Metagenomics
- Advanced Techniques for Pathogen Detection, quantification and Genotyping
- Detecting antimicrobial resistance (AMR) genes in human

## KEYNOTE ADDRESS

---

- **Dr. Arun Bandyopadhyay**  
**Director**  
Gujarat Biotechnology University  
Gandhinagar, Gujarat

**25**  
**PARTICIPANTS ONLY**

## EMINENT SPEAKERS

---

- **Dr. Sumit Bag**  
**Senior Principal Scientist**  
Computational Biology Lab, National Botanical  
Research Institute, Lucknow, UP.
- **Dr. Archana Pan**  
**Professor**  
Department of Bioinformatics,  
Pondicherry University, Pondicherry.
- **Dr. Shrikant Pawar**  
**Assistant Professor**  
Department of Computer Science and Biology  
Clafflin University, South Carolina, USA
- **Dr Priyanka Parhi**  
**Chief Technical Officer**  
MrBiologist LLP, Guwahati, Assam.
- **Dr. Pratap Narayan Mukhopadhyaya**  
**Director (Innovations)**  
Wobble Base Bioresearch Private Limited, Surat, Gujarat

## REGISTRATION AND PAYMENT

---

Registration: <http://seminar.atmiya.ac.in>

Details to be filled, Post-payment: <https://tinyurl.com/AGW2024>

Deadline: 23<sup>rd</sup> July 2024

Fees: 1000/- for Atmiya University Students

1500/- for Student(Bachelor's/Master's) / Research Scholar (PhD)

1750/- for Post-doctoral Research Scholar

2000/- for Faculty Staff/Industry Personnel

**Limited Accommodation is provided on payment basis.**



### Chief Patron

**P.P. Tyagvallabh Swamiji**  
*President, Atmiya University*

### Patron

**Prof. Sheela Ramachandran**  
*Pro-Chancellor*

### Our Leadership

**Prof. Shiv Tripathi**  
*Vice Chancellor*

**Dr. K. D. Ladva**  
*Principal, SMNVSC*

**Dr. Divyang D. Vyas**  
*Registrar*

**Dr. Ashish Kothari**  
*Director-CRIT*

**Dr. Ravi S. Tank**  
*Director-TQM*

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

**Member**



### About us

ATMIYA University bestows wisdom and knowledge, established on April 13, 2018, under the Gujarat Private University Act 11, 2018, ATMIYA University emphasizes training young minds in consonance with the doctrines of higher education and human values. The aim of this University is to spread eternal happiness and to create a happy society along with education with high quality and integrity. The university is notable in the Saurashtra-Kutch region of Gujarat with many landmarks. It offers diploma to doctorate course in various stream. His Divine Holiness Hariprasad Swamiji Maharaj, the spiritual successor of Lord Swaminarayan, is the founder of ATMIYA University. With his blessing, P.P. Tyagvallabh Swamiji - successor, has envisioned Atmiya University to be a global leader in every domain of higher education.

### For any queries

#### Coordinator

**Dr. Chandrajit Lahiri**  
Professor

Mo. +91 80174 05235 | 63552 14074

chandrajit.lahiri@atmiyauni.ac.in

### COMMITTEE MEMBERS

Dr. Neha Patel | Dr. Preetam Joshi | Dr. Praveen Gupta  
Dr. Shweta Bhatt | Dr. Ragini Raghav | Dr. Debashis Banerjee  
Dr. Anmol Kumar | Dr. Sagar Teraiya



# ATMIYA UNIVERSITY

Atmiya University, Yogidham Gurukul, Kalawad Road,  
Rajkot - 360 005, Gujarat (India)

[www.atmiyauni.ac.in](http://www.atmiyauni.ac.in) [t](#) [in](#) [@](#) [f](#) /atmiya university