



ADELBERT INNOVATION RESEARCH

## ADELBERT INNOVATION RESEARCH PRIVATE LIMITED

Sreenivas Vechupadinjarethil, Kanamala P.O.,  
Kottayam Kerala, India-686 510.

CIN: U74999KL2018PTC055793

Email: [adelbertinnovationresearch@gmail.com](mailto:adelbertinnovationresearch@gmail.com)

[www.adelbertinnovationresearch.com](http://www.adelbertinnovationresearch.com)

Phone: +918129425785



Dear Sir/Madam,

\*Happy New Year 2020\*

Warm greetings from **Adelbert Innovation Research!!!**

We are immensely happy to let you know that Adelbert Innovation Research and Bengaluru Genomics Centre is organizing a **4 day Full Hands-on Training in Medical Genomics & Metagenomics (Next Generation Sequencing & Data Analysis)** for National & International aspirants from **February 12th to 15th, 2020** at School of Environmental Studies in conjunction with Department of Computer Applications, Cochin University of Science & Technology, Cochin, Kerala.

**We are privileged to extend our cordial invitation to you.**

**SPECIAL OFFER** in Registration fee for Students & Researchers. **LIMITED SEATS!!!**

We humbly request you to share the info with your colleagues/scientists/ researchers and students of your Institution. Kindly display the brochure on your Department Notice Board. Please contact +918129425785 or visit [www.adelbertinnovationresearch.com](http://www.adelbertinnovationresearch.com) for further details.

Earnestly looking forward to hear from you.

With best regards,

Raji Pillai  
Research Director & CEO

ADELBERT INNOVATION RESEARCH  
Kottayam - 686 510  
Phone : 8129425785

Manjunath M.  
Director

Email: [adelbertinnovationresearchlab9@gmail.com](mailto:adelbertinnovationresearchlab9@gmail.com)

Skype: rajinayana

<https://www.linkedin.com/in/raji-pillai-5834818/>

<https://twitter.com/AdelbertIR>

<https://twitter.com/AdelbertMedical>

[www.adelbertinnovationresearch.com](http://www.adelbertinnovationresearch.com)

HD  
Wing / Dr. Raju  
Cnp 20/1/2020

HRD  
Mee  
20/1/2020

ML  
20/1

HW  
deli  
20/1/2020





ADELBERT INNOVATION RESEARCH

Hands-on Training on

# "Medical Genomics and Metagenomics"

(Next Gen Sequencing & Data Analysis)

Jointly organized by

Adelbert Innovation Research & Bengaluru Genomics Center (BGC)

February 12-15, 2020



Bengaluru Genomics Center  
Hereditary Decoder



QAI/CLA/ML/2019/0008

ISO 15189:2012

Accredited Medical Laboratory

## Program Directors

**Dr. Pruthvi Chakravarthi T.**, CEO,

Bengaluru Genomics Center

**Pillai Raji K.**, Research Director & CEO,

Adelbert Innovation Research

## Program Convenor

**Dr. Anand. M.**, Assistant Professor,

School of Environmental Studies, CUSAT

## Chief Mentor & Tutor of the Programme:

**Dr. Malali Gowda**, Genomics expert, Bengaluru

**Training Theme:** Genomics & genomic analysis technologies has revolutionized biological sciences. Next Generation Sequencing (NGS) is a cutting-edge disruptive genomic technology that has had a substantial impact on the characterization of the genome of various species and has found numerous applications in a large variety of fields, including clinical diagnostics, drug discovery and development, agriculture, and forensics. The genomic information obtained by NGS is poised to augment the era of personalized medicine. There is an urgent need in the industry & academia for skilled & committed medical & scientific fraternity in this area. This Hands-on Training will provide an introduction to Next Generation Sequencing (NGS) technology, platforms, data generation, and data analysis in detail.

## Objectives:

1. To train skilled human resources towards rapidly evolving Industry in the area of genomics and bioinformatics.
2. To ignite medical genomics research, education and handle big data analysis.

## Participants

Students, Faculty, Researchers, Doctors & Scientists from academia and industry specializing in Genomics, Genetics, Life Sciences, Biotechnology, Medicine, Pharmacology, Agriculture, Veterinary, Bioinformatics, Computer Science and allied disciplines are encouraged to participate.

## Computer support:

Computer facility with installed software and high-end server shall be provided for the participants.

## Accommodation:

Please visit the website [www.adelbertinnovationresearch.com](http://www.adelbertinnovationresearch.com) for list of reasonable hotels for online booking.

**Venue:** School of Environmental Studies,  
Cochin University of Science & Technology, Cochin

## Venue

School of Environmental Studies,  
Cochin University of Science & Technology

Day	Schedule
12/02/2020 Wednesday	<ul style="list-style-type: none"> <li>• Introduction to Next Generation Sequencing and Applications</li> </ul> <b>Demo on:</b> <ul style="list-style-type: none"> <li>• DNA Extraction and visualization PCR amplification.</li> <li>• Next Generation Sequencing library preparation</li> <li>• DNA Sequencing using Next Generation Sequencing platforms</li> </ul>
13/02/2020 Thursday	<b>Hands on:</b> <ul style="list-style-type: none"> <li>• Introduction to Linux and high-end computing servers</li> <li>• Basics of Bioinformatics (LINUX command line)</li> <li>• Next Generation Sequencing Data formats</li> </ul>
14/02/2020 Friday	<b>Hands on:</b> <ul style="list-style-type: none"> <li>• Whole genome sequencing (Assembly and Annotation)</li> <li>• Genome Browser and Databases (NCBI, UCSC &amp; GenBank)</li> <li>• Designing gene panel for human diseases</li> </ul>
15/02/2020 Saturday	<b>Hands on:</b> <ul style="list-style-type: none"> <li>• 16S rRNA Metagenome data analysis</li> <li>• Discussion on Genomics Applications in Biomedical Sciences</li> </ul>

## Registration Fee:

Sl No.	Category	Registration Fee (including 18% GST)
1	B.Sc., M.Sc., B.Tech, M.Tech students	9,000 INR
2	Ph.D Research scholars	11,000 INR
3	Post doc researchers	12,000 INR
4	Academic faculty	14,000 INR
5	Scientists, Doctors & Medical faculty	16,000 INR
6	Industry members	20,000 INR
7	International participants	500 USD

## Payment Mode:

Name: **ADELBERT INNOVATION RESEARCH PRIVATE LIMITED**

Account Number: **1753020000708**

Federal Bank, Br: Thevara

IFSC: FDRL0001753

MICR Code: 682049052

SWIFT Code: FDRLINBBIBD

## Registration Link:

[https://docs.google.com/forms/d/e/1FAIpQLScuCORU7ltf1ssquSV3gnNSr:HGv8NZoNYBrI\\_5untAFVuHAQ/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLScuCORU7ltf1ssquSV3gnNSr:HGv8NZoNYBrI_5untAFVuHAQ/viewform?usp=sf_link)

**Registration: Upto February 10<sup>th</sup>, 2020**

## Program Coordinators

- **Mr. Manjunath M.**  
Director, Adelbert Innovation Research Ph:  
+91- 8129425785  
Email: [adelbertinnovationresearchlab9@gmail.com](mailto:adelbertinnovationresearchlab9@gmail.com)  
[www.adelbertinnovationresearch.com](http://www.adelbertinnovationresearch.com)
- **Ms. Sathyavathi J & Ms. Fatima Tuz Zehra.**  
Bengaluru Genomics Centre (BGC)  
Email: [reach@bgc-genomics.com](mailto:reach@bgc-genomics.com)  
[www.bgc-genomics.com](http://www.bgc-genomics.com)

Knowledge Partner

