



One Week Training Programme On

"Bioinformatics: Basics & it's Advancement"

[Date: 1st-8th June 2023]

[Venue: DNA Labs, Dehradun, Uttarakhand]

MODE: HYBRID (ONLINE/OFFLINE)

BY









NABL (National Accreditation Board fo Testing and Calibration) Accredited MC 4066, ICMR (Indian Council of Medical Research) Approved and ISO 9001:2015 Certified Laboratories

DNA Labs - A Centre for Applied Sciences, (DLCAS)

Dehradun, Uttarakhand



Technical/Scientific Partner

SAMVET BHARAT^{IM}

(under the aegis of

Samvetan Society for Social and Scientific Research)

VPO: Nathuwala, Dehradun, Uttarakhand,

One Week Training Programme On

"Bioinformatics: Basics & it's Advancement"

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Eligibility:

Under Graduates, Post Graduates, Research Scholars

Duration:

One Week

Mode:

Hybrid (Online/Offline)

Fee:

Offline: ₹1000.00 Online: ₹700.00

Last date:

31st May 2023

Mode of Payment:

Offline: Cash/Cheque/Online

Registration Form Link

https://forms.gle/sBQikLPJ58Z1P1cX9

Account's Details

Name : DNA LABS- A Centre for Applied Sciences,

Dehradun, Uttarakhand

A/c. No. : 50200080979584

Bank : HDFC

Branch : Grd Floor, 92, Ajabpur Khurd, Haridwar

Bypass road, Mothrowala, Dehradun,

Uttarakhand

IFSC Code: HDFC00008009

Scan & Pay



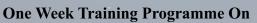
Mobile Number for google pay/phone pay/Paytm etc.

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For Any Queries, please contact us: Email: sharmanarotam5@gmail.com M.No. +91 9557650069







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Program Details

Timing	Days	Session	Topics
2:15 PM -4:45 PM	Day 1	Session 1 Theory & Practical	✓ Introduction to Bioinformatics — Broad applications
2:15 PM -4:45 PM	Day 2	Session 2 Theory & Practical	 ✓ Biological Databases & It's types ✓ File formats of Biological Databases (i.e. FASTA, Genbank, EMBL, FASTQ)
2:15 PM -4:45 PM	Day 3	Session 3 Theory & Practical	✓ UCSC Genome Browser - Retrieving Sequence with coordinates and Gene Name
2:15 PM -4:45 PM	Day 4	Session 4 Theory & Practical	✓ Primer Designing using UCSCGenome Browser and Primer3,✓ insilico PCR for Primer QC,
2:15 PM -4:45 PM	Day 5	Session 5 Theory & Practical	✓ Sequence Alignment & it's types
2:15 PM -4:45 PM	Day 6	Session 6 Theory & Practical	 ✓ Next Generation Sequencing Basics – and steps in NGS Data Analysis ✓ Structural Biology – Protein composition, Predicting Secondary structure of protein, Viewing protein structure in PyMol
2:15 PM-4:45 PM	Day 7	Vale	dictory & Certificate Distribution



