



A Parent Organization of DNA Labs- A Centre for Applied Sciences
Laxmipur, East Hope Town, Dehradun, Uttarakhand-248007

A Learning & Research Hub for Biological Science Aspirants

 : 9557650069 / 9389433268

 : dnalabscri@gmail.com

 : www.dnalabscri.com

Brief Profile

Affiliations, Accreditations and Approvals

NABL
Accredited



Approved



Affiliated



Recognized



Certified



Registered

Registered with CMO (Chief Medical Officer), Government of Uttarakhand
DG Health

MPCC (Municipal Pollution Control Committee)

PCB (Pollution Control Board)

Working Under the Aegis of



UTTARAKHAND
STATE COUNCIL
FOR SCIENCE AND
TECHNOLOGY



MEDICAL
COUNCIL OF INDIA
(MCI)



UTTARAKHAND
COUNCIL FOR
BIOTECHNOLOGY
(UCB)



UTTARAKHAND
SCIENCE
EDUCATION &
RESEARCH CENTRE



INDIAN
IMMUNOLOGY
SOCIETY (IIS)



MICROBIOLOGISTS
SOCIETY, INDIA



FOOD SAFETY
AND DRUG
ADMINISTRATION
(FDA)

(Government Funded Projects &
Science Popularization Programs)

Deals In

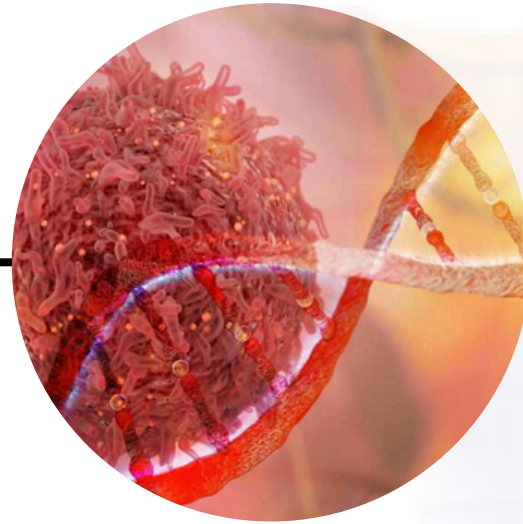
- Cellular, Molecular, and Pathological Diagnostics Services.
- Working with Government Funded Projects
- Professional Teaching, Training, and Research-Oriented programs.
- NSQF (National Skills Qualifications Framework) Aligned Training Programs
- Contract & PhD Research Works
- Science Education and its popularization.
- Societal Upliftment of the Community
- Certification and Diploma Programs



Internships/Research Projects/Dissertations/Trainings

Winter and Summer Internship

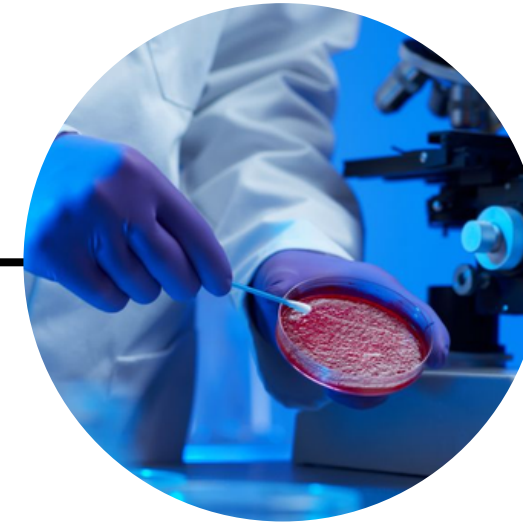
Modules



Oncology & Cancer
Genomics



Clinical Biochemistry,
Haematology,
Histopathology



Clinical/Industrial
Microbiology &
Immunology



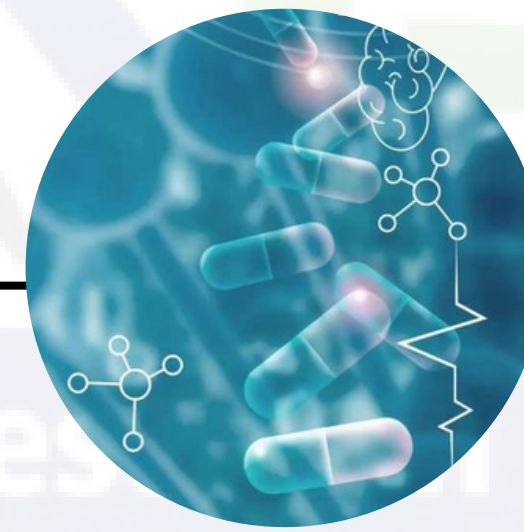
Virology, RDT (CRISPR)
& Cell Culture



Forensic Sciences &
Bioinformatics



Nanotechnology, Food
Technology, Botany,
Zoology



Pharmaceutical Sciences,
Pharmacognosy, Pharmacogenetics,
Pharmacology, Plant Biochemistry



Medical Lab Technology &
Molecular diagnostics

For Detailed Brochures, [WhatsApp](#) to - 9557650069

Summer/Winter Training Program



CRIS
DNA LABS

Centre for Research &
Innovative Scientific Studies

ADVANCE HANDS-ON TRAINING PROGRAMS

Practical Knowledge | Expert Guidance | Industry Relevant

BUILDING SKILLS. ADVANCING CAREERS. IMPACTING LIVES.

1 ONCOLOGY & CANCER BIOLOGY



Diagnose. Discover. Defeat.
Advance your career in
cancer research.

2 MEDICAL LAB TECHNOLOGY (MLT)



Step into the world of Diagnostics.
Build a career that
saves lives.

3 ADVANCE MOLECULAR & VIROLOGY



Explore molecules. Decode life.
Advance in research
and innovation.

4 FORENSIC SCIENCES



Science behind evidence.
Explore. Analyze. Reveal
the truth.

5 CRISPR-Cas9 - RECOMBINANT DNA TECHNOLOGY



Edit genes. Engineer future.
Master CRISPR-Cas9 &
Recombinant DNA Technology.

6 MAMMALIAN CELL CULTURE



Culture cells. Drive discovery.
Advance your skills in
cell-based research.

7 PHARMACEUTICAL SCIENCES/ REGULATORY AFFAIRS/ PHARMACOVIGILANCE/ CLINICAL RESEARCH



From drugs to delivery.
Build expertise for a
healthier tomorrow.

8 FOOD SCIENCE & TECHNOLOGY



From lab to table.
Ensure quality. Ensure
health. Ensure future.

9 CLINICAL, PHARMACEUTICAL & INDUSTRIAL MICROBIOLOGY/ BIOCHEMISTRY AND LIFE SCIENCES



Understand microbes & viruses.
Advance in biomedical
and life science research.

10 INDUSTRIAL BIOTECHNOLOGY/ R & D IN PHARMA & BIOTECH/ QC/QA/ RESEARCH MANUSCRIPT WRITING & PUBLICATIONS

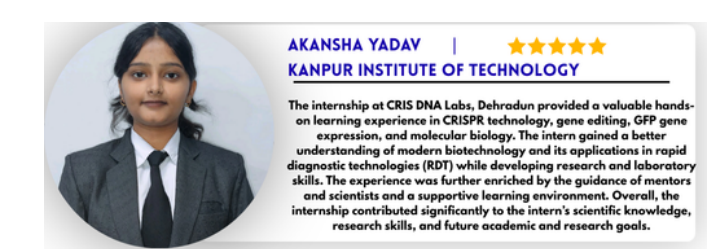
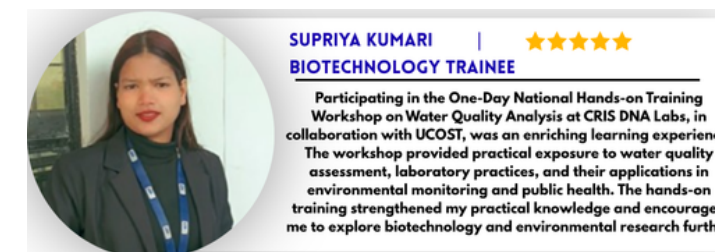
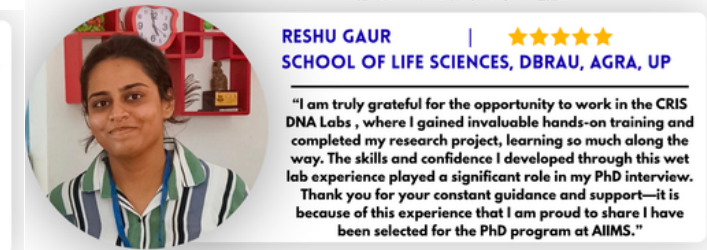


Innovate. Research. Publish.
Build a successful career in
biotech & pharma.

Trained 4000+ International & National Students

Trainees

Skilling Youth for Viksit Bharat



Govt. Funded Projects, Workshops & Science Popularization Programs



Sr. No.	Title of the Project	Funding agency	Duration	Role
1	Isolation and Screening of Novel Isolates of Bifidobacteria from Human Milk as Potential Probiotic with Antidiarrheal Activity	Department of Biotechnology	02 years	PI
2	A documentary approach to cover the whole scenario pre and post (cultural & Biodiversity) of the fishing festival of Jaunpuri community in Garhwal region	Uttarakhand Science Education Research Centre (USERC), Department of Science and Technology, Govt. of UK	0.3 years	Chief-PI
3	Study of Blood lead (Pb) levels, hemoglobin levels and urinary iodine as developmental indicators in children < 12 years residing nearby areas of Rispana river of Dehradun.	Uttarakhand Science Education Research Centre (USERC), Department of Science and Technology, Govt. of UK	03 years	Co-PI
4	National Conference cum Workshop on Innovations in Cellular and Molecular Diagnosis-A New Era of Prognosis (2-3, December, 2016), Supported and Sponsored by Uttarakhand Council for State Science and Technology (UCOST), Medical Council of India (MCI), Indian Council for Medical Research (ICMR), Uttarakhand Council for Biotechnology (UCB), Accreditation by Uttarakhand Medical Council.	1)Uttarakhand Council for State Science and Technology (UCOST). 2) Medical Council of India (MCI). 3) Indian Council for Medical Research (ICMR). 4) Uttarakhand Council for Biotechnology (UCB)	02 days	Organizing Secretary
5	National Conference by Central Molecular Research Laboratory, Biochemistry Department, Shri Guru Ram Rai Institute of Medical & Health Sciences on topic, "Current Challenges for Tuberculosis Management", in Collaboration with Uttarakhand Science Education Research Centre (USERC), Dehradun, Deptt. Of Science & Technology, Government of	Uttarakhand Science Education Research Centre (USERC), Dehradun, Deptt. Of Science & Technology, Government of Uttarakhand		Organizing Secretary

6	Unfolded Protein Response: Achilles Heels of Fungal Pathogenesis	Department of Science and Technology (DST), Science and Engineering Research Board (SERB)	02 years	Co-PI
7	Dengue: its Prevention, Precautions & Management and the role of Academic Institutions Uttarakhand Area	Uttarakhand Science Education And research Centre (USERC), Department of Science, Govt. Of Uttarakhand	06 Months	Co-PI
8	Malaria & Swine flu: its Prevention, Precautions & Management and the role of Academic Institutions Dehradun Area including schools and colleges	Uttarakhand Science Education And research Centre (USERC), DST, Govt. Of Uttarakhand	06 Months	Co-PI
9	Training Manual Cum Book	Uttarakhand Science Education And research Centre (USERC), DST, Govt. Of Uttarakhand	-	PI
10	Good Laboratory Practices in the era of Pandemics: Skilling and strengthening Biomedical Professionals for the Current and future Scenario	Uttarakhand Science Education Research Centre (USERC), Department of Information and Science and Technology, Dehradun, Govt. of UK	02 Days workshop	PI
11	Workshop cum Training Program on SCIENCE ON WHEELS	Uttarakhand Science Education Research Centre (USERC), Department of Information and Science and Technology, Dehradun, Govt. of UK	Pilot Activities in 02 remote areas Workshop s cum training programs	PI
12	International Immunology Day -2022	IIS, New Delhi	01 Day Program	Organizing Secretary
13	Biotechnology and its applications for the	Uttarakhand Council for		
14	Workshop cum Training Program on SCIENCE ON WHEELS Second Phase	Uttarakhand Science Education Research Centre (USERC), Department of Information and Science and Technology, Dehradun, Govt. of UK	Pilot Activities in 06 remote areas Workshop s cum training programs	PI
15	Artificial Intelligence-Workshop on Emerging Technology in schools of Pithoragarh Region	Uttarakhand Council for State Science and Technology (UCOST).	Workshop Cum Seminar	PI

16	International Immunology Day -2023	IIS, New Delhi	01 Day Program	Organizing Secretary
17	Development of Diagnostics Algorithm by Studying Genetic Polymorphisms and genotypic distributions in different grades of Cervical anomalies and Cancers due to Oncogenic Human Papillomaviruses (HPVs) and other etiological factors in females of Uttarakhand Population	Uttarakhand Council for Biotechnology (UCB), Department of Science and Technology, Govt. of Uttarakhand.	R&D Project	PI
18	Workshop cum Training Program on SCIENCE ON WHEELS Second Phase	Uttarakhand Science Education Research Centre (USERC), Department of Information and Science and Technology, Dehradun, Govt. of UK	Pilot Activities in 05 remote areas Workshop s cum training programs	PI
19	Patient’s Rights, Responsibilities and Ethics; To Educate, Aware and Sensitize Population of Rural Areas of Uttarakhand to avail Medical Health Services.	Uttarakhand Council for State Science and Technology (UCOST).	Workshop Cum Seminar	Organizing Secretary
20	NABL Accreditations, ISO Documentations and QMS in Labs	Uttarakhand Council for State Science and Technology (UCOST).	Workshop Cum Seminar	Organizing Secretary
21	“Food Safety on Wheels”	Food Safety and Drug Administration, Raipur, Dehradun, Uttarakhand	Mobile food testing, Awareness Programs	PI
22	Immunology Insights: Fundamental Knowledge and Translational Advances	Indian Immunology Society	CME	Organizing Secretary
23	“Next-Gen Molecular Diagnostics, CRISPR-cas and Bioinformatics: Hands-on Trainings for Emerging Biomedical Applications”.	Uttarakhand Council for Biotechnology, Govt. Of Uttarakhand (HRD Division)	07 Days Trainings	Organizing Secretary
24	Project Title: "Women-First Responders: Entrepreneurship Skill Development in Medical Emergency Management in Champawat District of Uttarakhand"	Uttarakhand Council for State Science and Technology (UCOST).	Entrepren eurship Developm ent Program	PI
25	Workshop on IPR	Uttarakhand Council for State Science and Technology (UCOST).	Workshop Cum Seminar	Organizing Secretary



UKSDM & CSR Projects Completed by CRIS DNA Labs

Trained and Placed More than 120 students of Uttarakhand

Regulatory Bodies



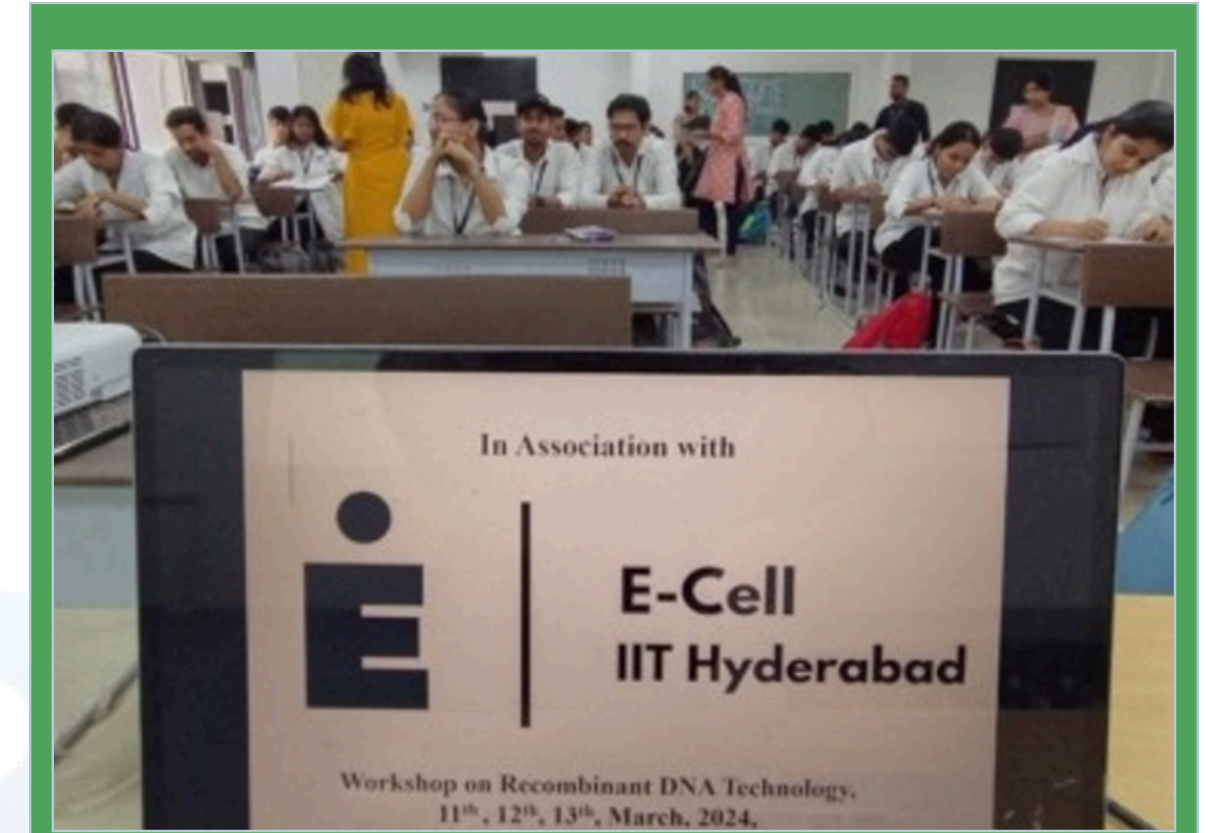
Skill India
कौशल भारत - कुशल भारत



**Healthcare
Sector
Skill Council**



Workshop cum Hands-on Training Programs at College/University Venue/CRIS DNA Labs, Dehradun, U.K.



02 Days to 01 Week

As required by New National Education Policy (NEP-2020) for NAAC Accreditation

- CRISPR CAS 9 (RDT & Genetic Engineering)
- Bioinformatics: Basic & Applied Aspects
- Plant Tissue Culture, Basic & Applications
- Food Technology
- Pharmacognosy

- Cellular & Molecular Biology
- Forensic Sciences
- Proteomics & Genomics
- Mammalian Cell Culture
- Quality Management Systems in Laboratories

- Nursing
- Paramedical
- Radiology
- Chemistry
- Agriculture

Organized more than 80 National & International Workshops, Conferences & Faculty Development Program across India at University/College Venue

Planning to visit Dehradun:- PG & Mess Facilities Available



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: www.dnalabscri.com



CRIS DNA LABS

Centre for Research &
Innovative Scientific Studies

Learn Practically
Innovate Bolder
Be the Skilled Professionals



VIKSIT BHARAT

सशक्त युवा, समृद्ध भारत

IMPORTANCE OF THE PROGRAM-

ALIGNED WITH
NEP-2020
AND
NATIONAL COMMISSION FOR
ALLIED AND HEALTHCARE
PROFESSIONALS



NCAHP

स्वास्थ्य सर्वविद्यालयम्

Since-2021



SUSTAINABLE DEVELOPMENT GOALS



NEP-2020 ALIGNED

Supports experiential,
multidisciplinary and
for holistic development.



NAAC & UGC RELEVANCE

Supports academic quality,
institutional excellence and
contributes to NAAC
criteria & UGC guidelines.



SKILL & COMPETENCY DEVELOPMENT

Enhances practical skills
and competencies for
employability and
entrepreneurship.



INNOVATION & RESEARCH DRIVEN

Encourages innovation
and research to solve
real-world challenges and
promote scientific



CAREER ADVANCEMENT

Builds industry readiness
and opens pathways for
better career
opportunities.



INDUSTRY & ACADEMIA COLLABORATION

Bridges academia and
industry for collaboration,
internships and
placements.



NATION BUILDING & SUSTAINABILITY

Contributes to a skilled,
healthy and sustainable
society aligned with
national priorities.



QUALITY ALIGNMENT

Ensures adherence to
quality standards,
ethical practices and
best laboratory norms.



RESEARCH & ENTREPRENEURSHIP PROMOTION

Promotes research culture,
innovation and
entrepreneurial thinking
among participants.



ACCREDITATION & QUALITY STRENGTHENING (IQAC CELL)

Strengthens IQAC initiatives,
documents quality practices
and enhances institutional
accreditation.



EMPOWERING YOUTH • STRENGTHENING SKILLS • BUILDING A VIKSIT BHARAT



PRACTICAL LEARNING

Hands-on trainings
for real-world
applications.



ADVANCED TECHNOLOGIES

Experience with modern
instruments and
innovative tools.



CERTIFICATIONS & RECOGNITION

Skill development
certificates to boost
your professional profile.



EXPERT MENTORSHIP

Learn from experienced
scientists, researchers
and industry experts.



FUTURE OPPORTUNITIES

Open doors to research,
careers and
entrepreneurship.

CATALOGUE

Contract Research, PhD works and Testing Facilities

Advanced Research. Accurate Results.
Accelerating Scientific Discovery.

A Parent Organization of DNA Labs- A Centre for Applied Sciences



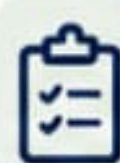
Research Excellence

High quality research support for diverse scientific disciplines.



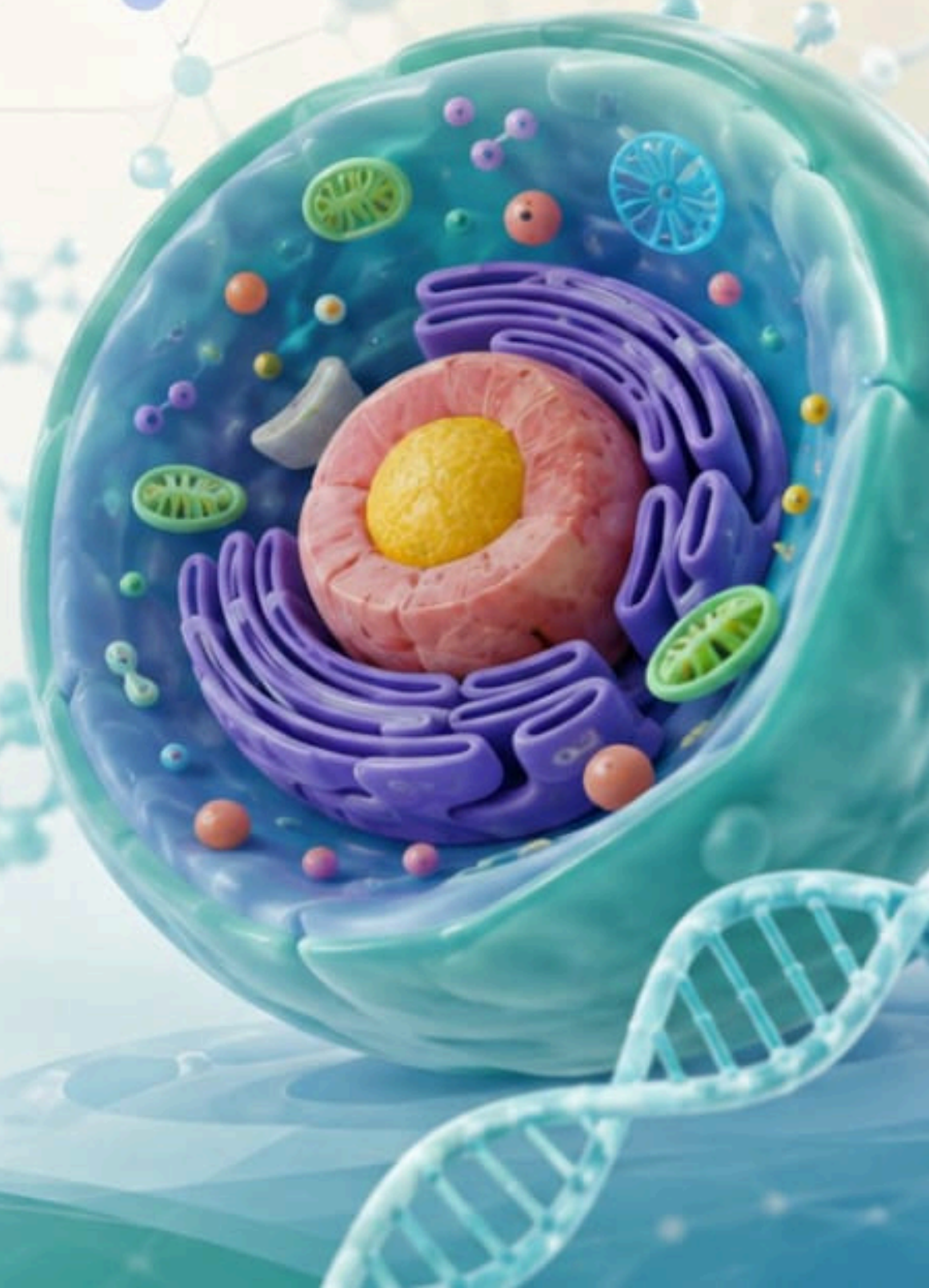
Advanced Facilities

State-of-the-art instruments and modern laboratories.



Reliable Results

Accurate, timely and reproducible data you can trust.



CLINICAL, IMMUNOLOGY & MICROBIOLOGY



Advanced Assays | Accurate Results | Trusted by Researchers



MICROBIOLOGY



MICROBIAL IDENTIFICATION (Per Sample)

Catalase, Coagulase, Indole, MRVP, Citrate, Carbohydrate (Cary 3 Sugars), Gelatinase, Starch Hydrolysis

₹1600/-

RESEARCHER'S PACKAGE

PRACTICALS	SPREAD PLATE	POUR PLATE
Isolation of Microbes (Any 4)	₹2000/-	₹2000/-
Isolation & Identification of Microbes (Any 4 isolates) Includes: Serial Dilution, Spread/Pour Plate, Stain/Gram Staining/LCB & Any 7 Biochemical Tests	₹7000/-	

MICROBIAL ASSAY

TEST	ZOI (Zone of Inhibition)	MIC (Minimum Inhibitory Concentration)	ZOI + MIC
Microbial Assay (Bacteria/Fungus) – Culture Provided by Candidate	₹800/-	₹900/-	₹1550/-
Microbial Assay (Bacteria/Fungus) – Culture Provided by Laboratory	₹1000/-	₹1100/-	₹1800/-
Minimum Bactericidal Concentration (MBC)			₹800/-
Antimicrobial Sensitivity Test (AST) or Multi-Drug Resistance (MDR)			₹550/-
Bacterial Growth Curve Study			₹600/-
Nucleotide Leakage Assay			₹800/-
Cell Wall Inhibition Assay			₹900/-
Nucleic Acid Inhibition Assay			₹1000/-



Note: If work is on any microbe not available at lab, then purchasing cost must be borne by candidate.



MICROBIAL STAINING & ASSAYS



MICROSCOPY (Staining List)

Cost Per Sample (INR)



Gram Staining

₹800/-



Simple Staining

₹1000/-



LCB Staining

₹800/-



Acid fast Staining

₹550/-



Negative Staining

₹600/-



Capsule Staining

₹800/-



OTHER ASSAYS

Cost Per Sample (INR)



Dye Degradation Assay (Quantitative)

₹2000/-



Biofilm Inhibition Assay

₹1500/-



Note: Sample during cost will be extra as per sample weight.



CLINICAL BIOCHEMISTRY

Biochemical Assays (In-vitro)



Anti Diabetic Activity

₹1250/-



Antioxidant Activity

₹1200/-



Anti-Inflammatory Activity

₹1400/-



IMMUNOLOGY



Immunology & Biochemical Tests available.

Contact for more details



PHARMACOGNOSY, PHYTOCHEMISTRY & MICROSCOPY

 Natural Knowledge |  Precise Analysis |  Trusted Results



MICROSCOPY

STAINING LIST

Staining	Cost Per Sample (INR)
 Gram Staining	₹800/-
 Simple Staining	₹1000/-
 LCB Staining	₹800/-
 Acid fast Staining	₹550/-
 Negative Staining	₹600/-
 Capsule Staining	₹800/-

OTHER ASSAYS

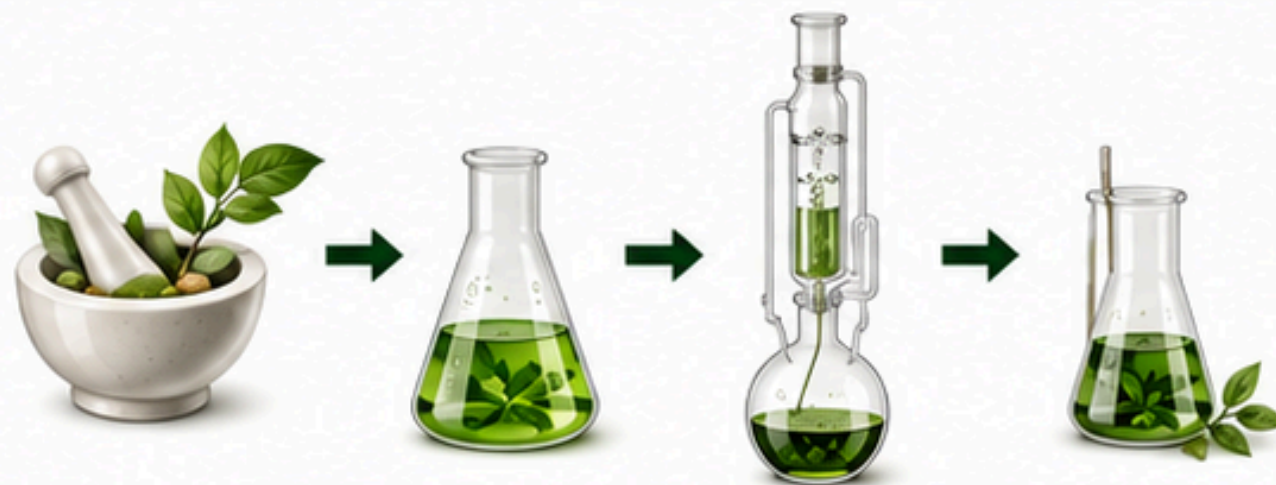
Assay	Rate (INR)
 Dye Degradation Assay (Quantitative)	₹2000/-
 Biofilm Inhibition Assay	₹1500/-

 Note: More facilities available as per requirement

PHARMACOGNOSY & PHYTOCHEMISTRY

SOLVENT EXTRACTION FROM ANY PLANT SPECIMEN (RATE LIST) (INR)

Quantity (ml)	Cold Percolation Method	Soxhlet Method	Traditional Maceration Method
100 – 200 ml	₹1000/-	₹1900/-	₹800/-
200 – 300 ml	₹1200/-	₹2300/-	₹1000/-
400 – 500 ml	₹1400/-	₹2600/-	₹1200/-
Above 500 ml upto 1000 ml	₹2000/-	₹3500/-	₹1500/-



 Note: Sample during cost will be extra as per sample weight concentration preparation per demand no extra charge will be taken.

PHYTOCHEMICAL TESTS

Test	Qualitative Cost Per Sample (INR)	Quantitative Cost Per Sample (INR)	Qualitative & Quantitative Cost Per Sample (INR)
 Alkaloids	₹600/-	₹1000/-	₹1400/-
 Flavonoids	₹600/-	₹1000/-	₹1400/-
 Tannins & Phenolics	₹600/-	₹1000/-	₹1400/-
 Saponins	₹400/-	₹800/-	₹1000/-
 Glycosides	₹550/-	₹900/-	₹1250/-
 Steroids & Terpenoids	₹600/-	₹1000/-	₹1400/-
 Proteins & Amino Acids	₹600/-	₹1000/-	₹1400/-
 Carbohydrates	₹650/-	₹1100/-	₹1550/-
 Fats & Oils	₹400/-	₹800/-	₹1000/-

DNA LABS – CRIS PACKAGE FOR RESEARCHER

Any 5 Qualitative Tests	Any 5 Quantitative Tests	Any 5 Qualitative & Quantitative Tests
₹2000/-	₹4500/-	₹6500/-

 Note: Sample during cost will be extra as per sample weight.

MOLECULAR, CELLULAR & ENZYMOLOGY SERVICES



Advanced Assays



Accurate Results



Trusted by Researchers



MOLECULAR BIOLOGY ASSAYS

ASSAY	COST PER SAMPLE (INR)
 Nucleic Acid Extraction	₹1200/-
 End-Point PCR	₹1500/-
 Real-Time PCR (Quantitative PCR)	₹2500/-
 Agarose Gel Electrophoresis	₹800/-
 SDS-PAGE	₹1200/-

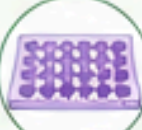
RESEARCHER'S MOLECULAR BIOLOGY PACKAGE

Nucleic Acid Extraction
+ End-Point PCR
+ Agarose Gel Electrophoresis

₹3000/-
(Package Price)

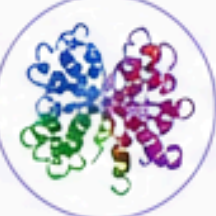


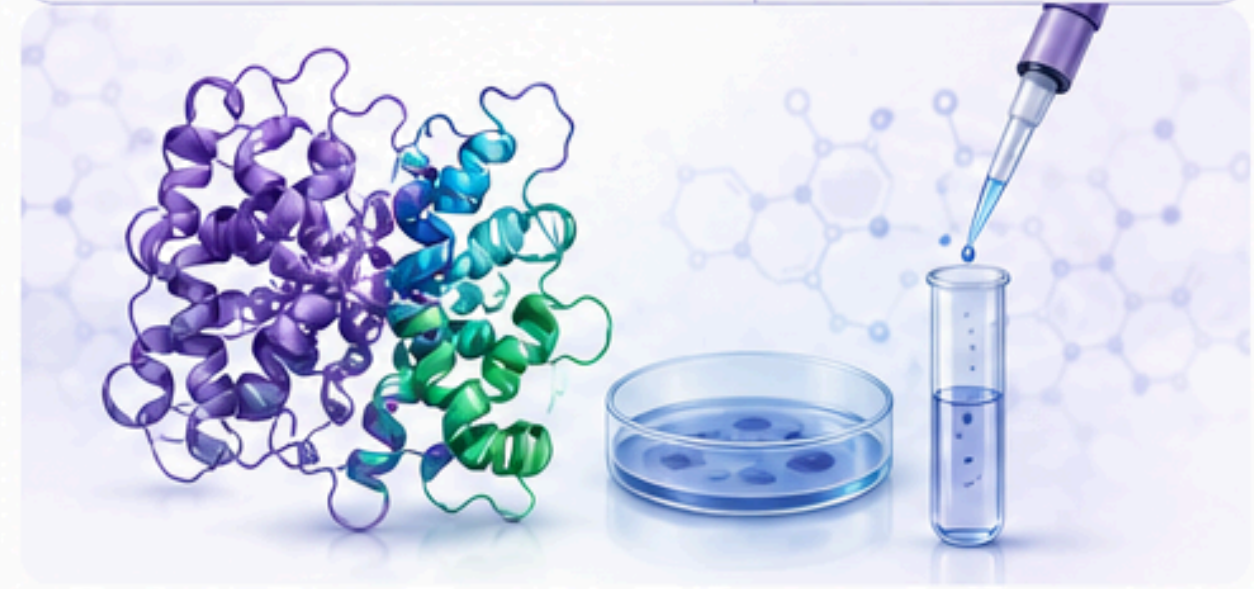
CYTOLOGY SERVICES

ASSAY	COST PER SAMPLE (INR)
 Hemolytic Assay	₹1200/-
 MTT Assay (Cell Viability Assay)	₹2000/-
 Cell Apoptosis Analysis	₹2500/-
 Cell Cycle Analysis	₹3000/-
 In-vitro Cell Adhesion Assay	₹2000/-



ENZYMOLOGY SERVICES

ASSAY	COST PER SAMPLE (INR)
 Enzyme Hydrolase Assays	₹1500/-
 Enzyme Extraction & Purification	₹2500/-



Ph.D. Programs & Research Works



Programs in Allied,
Medical & Life
Sciences



Ph.D. TOPIC SELECTION

Monitoring to identify right topic based on the Gap from industry, Your experience and supervisor thoughts. Works as per guidelines and mentorship of the registered.

ASSISTANCE



Problem
Identification



Research
Proposal



Preparation
Pilot Study



Synopsis
Preparation



Preparation of
Power Point
Presentation



Manuscript
Writing



Manuscript
Peer Reviewing



Ph.D
Manuscript
Formatting



Manuscript
Plagiarism
Correction



Conference &
Seminar Papers

DISCIPLINES

- Biotechnology
- Microbiology
- Medical Microbiology
- Pharmaceuticals Sciences (All Disciplines)
- Biochemistry
- Medical Biochemistry
- Medical Physiology
- Medical Biotechnology
- Molecular Biology
- Zoology
- Botany
- Medical Lab Technology
- Chemistry
- Environment Sciences





Diagnostic Services



**Pathology/
Clinical Biochemistry &
Haematology**



**Molecular
Diagnostics &
Virology**



**Clinical Microbiology,
Serology &
Immunology**

Quality Policy for Diagnostic Services

NABL NABL Accredited
Wide Certificate No: MC-5869

ISO ISO15189:2022 Certified Lab

icmr Approved

- 1. To comply with ISO15189:2022 standards.**
 - 2. To maintain excellence in medical laboratory services using standard technologies.**
 - 3. To complete the laboratory tests and report the results in an effective and timely manner.**
 - 4. To ensure compliance with the statutory and regulatory requirements.**
 - 5. To ensure adequate resources and staff competence, enabling effective professional services.**
 - 6. To ensure continued patient satisfaction.**
- Research and Training Laboratory situated at East Hope Town, Laxmipur, Dehradun, Uttarakhand.**



Science for Society (SFS)

Free Health
Camps

Science on
Wheels

Maa
Mahotsava

T3 Program

Organized more than 70-80 Free Health Camps



Science for Society (SFS)

Science on Wheels: Taking Labs to the Remote areas for the students of Uttarakhand



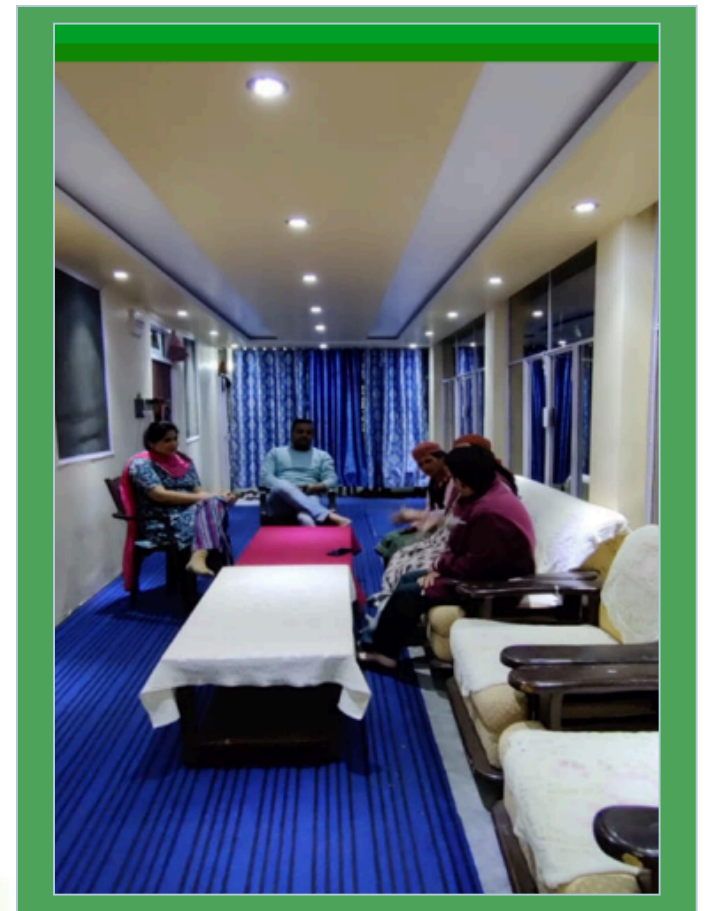
नेशनल टेक्नोलॉजी दिवस पर वर्कशाप आयोजित

शाह टाइम्स संवाददाता देहरादून। नेशनल टेक्नोलॉजी दिवस के अवसर पर उत्तरकाशी जनपद मुख्यालय से 263 किमी दूर आराकोट बंगाण क्षेत्र के राजकीय इंटर कॉलेज टिकोची में उत्तराखण्ड साइंस एजुकेशन एवं रिसर्च सेंटर (यूसर्क) व डीएनए लैब्स-एक सेंटर फॉर एप्लाइड साइंस, देहरादून की ओर से साइंस ऑन व्हील्स कार्यक्रम के तहत एक वर्कशाप का आयोजन किया गया।

■ साइंस ऑन व्हील्स के तहत टिकोची के छात्रों को दी विज्ञान की जानकारी

263 किमी दूर आराकोट बंगाण क्षेत्र के राजकीय इंटर कॉलेज टिकोची में चिवा, जागटा, मोडा, बलावट झोटाडी, कलीच, गोकुल, बरनाली, डगोली, दुचाणु, किराणु आदि ग्रामीण क्षेत्रों के लगभग 173 छात्र-छात्राएं अध्ययन करते हैं। उत्तराखण्ड साइंस एजुकेशन एवं रिसर्च सेंटर की डायरेक्टर डॉ. अनिता रावत एवं सीनियर साइंटिस्ट ओपी नौटियाल ने कार्यक्रम को सफल बनाने में महत्वपूर्ण योगदान दिया। इस मौके पर डीएनए लैब्स से डॉ. नरोत्तम शर्मा, दिव्य प्रकाश पांडे, अंकिता सिंह, काजल रावत, अनदीप, अपूर्वा चौधरी एवं कोमल गुप्ता के साथ राजकीय इंटर कॉलेज टिकोची के प्रधानाचार्य प्रमोद कुमार बहुगुणा, वाईएस रावत, डीएस चौहान, नमिता एवं क्षेत्रवासियों ने पूरा सहयोग दिया।

साइंस ऑन व्हील्स कार्यक्रम में स्टूडेंट्स को दी प्रैक्टिकल नॉलेज देहरादून, 31 मार्च (निःसं०)। यूसर्क (एजुकेशन एंड रिसर्च सेंटर डिपार्टमेंट ऑफ इन्फॉर्मेशन एंड साइंस टेक्नोलॉजी उत्तराखण्ड) की ओर से डीएनए लैब्स-ए सेंटर फॉर एप्लाइड साइंस कस्तूरबा गांधी बालिका विद्यालय रौतु की बेली जीनपुर टिहरी गढ़वाल में साइंस ऑन व्हील्स कार्यक्रम का आयोजन किया गया। इसके माध्यम से स्टूडेंट्स को साइंटिफिक टेम्परेमेंट को डेवलप करने की प्रैक्टिकल नॉलेज दी गयी। जिसमें ब्लड ग्रुपिंग, माइक्रोस्कोपी, डीएनए, पहाड़ों में जो पदार्थ पाए जाते हैं, पौधों में जो द्रव्य मौजूद होते हैं और उनके उपयोग आदि के बारे में जानकारी दी गयी। कक्षा 6 से लेकर दसवीं तक की छात्राओं को यूसर्क एवं डीएनए लैब्स के द्वारा प्रयोगशाला की विभिन्न मशीनों पर प्रशिक्षण दिया गया। वार्डन गीता नेगी और अनिता सिन्हावाल ने इसमें पूरा सहयोग किया। यूसर्क के सीनियर साइंटिस्ट ओपी नौटियाल और डायरेक्टर डॉ. अनिता रावत के सौजन्य से कार्यक्रम किया गया। वहीं डीएनए लैब से डॉ. नरोत्तम शर्मा, अंकिता सिंह, दिव्य प्रकाश पांडे, काजल रावत, अलका नैनवाल, दिव्य प्रकाश पांडेय शामिल रहे।



T3 PROGRAM



Workshops/Science
Popularization Programs at
Himachal Pradesh

Concept, Initiatives &
Programs
by Dr. Narotam Sharma



ORGANOGRAM CRIS- DNA LABS

(Centre for Research & Innovative Scientific Studies)



Shri Shyama Nand Sharma
Honourable Chairman



Dr. Narotam Sharma
(Exp. 16 Years)
*Managing Director & Scientist Technical
Laboratory Director (NABL)*

1. Young Scientist Award (UCOST), Govt. of Uttarakhand
2. Societal Innovator Award-2025, Jamshedpur Cooperative College, Jharkhand Council of Science, Technology and Innovation (JCSTI), Govt of Jharkhand
3. Scientist of the Year-2019, Deptt. of Biotechnology and Microbiology, Kalpa Labs, Mathura, UP
4. Gurudev Singh Award for Honesty and Courage
5. Publications: 117+
6. Patents: 1
7. Books: 1
8. Gov-funded Projects/Scientific Meets (Principal Investigator): 24+
9. Workshops/Conferences/FDP organised/attended: 118+

Qualification: M.Sc., Ph.D. Biotechnology
PGDM in Business Management

Area of expertise: Molecular Biology & Genetic Engineering, Mammalian Cell Culture, Clinical Research, Veterinary Biochemistry/Proteomics, Immunology, Epidemiology, Infectious Virology, QC/QA, RDT, Business Management, Oncology, Bioinformatics, Skill Development Capacity Building



Dr. Ankita Singh
(Exp. 9 Years)
*Deputy Director & Jr. Scientist
Quality Manager (NABL)*

1. Third Women Science Communicator Award-2024 by Society of Pollution and Environmental Conservation Scientists (SPECS)
2. Young Scientist Award -2023 by Uttarakhand State Council for Science and Technology (UCOST), Govt. of Uttarakhand
3. Young Women Scientist Award-2022, under DBT Star College Scheme, Government of India
4. Young Researcher Award-2022 in National Workshop cum Conference in Research Scholar and Faculty Category, (USERC), Department of Information and Science Technology, Uttarakhand Government.
5. Publications: 35+
6. Patents: 1
 - a. Gov-funded Projects/Gov.funded Scientific Meets (Co- PI): 8
7. Workshops/Conferences/FDP organised/attended: 95+

Qualification: M.Sc., Ph.D. Biotechnology, Certification in Medical Law, Certificate of Proficiency in First Aid (Military Hospital, Dun)

Area of expertise: Infectious Virology, Molecular Biology, Mammalian Cell Culture, Immunology, Quality Control, Pharma Sciences, Clinical Data Management, Forensic Sciences, Food Tech



Dr. Hina Ruhela
(Exp. 18 Years)
*Consultant Microbiologist
Laboratory In charge (NABL)*

1. Publication: 2
2. Workshops: 12
3. Awards : Amar Ujjala Excellence Award from CM Uttarakhand
4. No of govt projects: 1 ICMR Project Antimicrobial resistance

Qualification:
MBBS, MD Microbiology

Area of expertise:
Infectious Virology, Medical Microbiology, Molecular Biology, Quality Control



Dr. Ratandeep Singh
(Exp. 4 Years)
Consultant Pathologist

Qualification:
MBBS MD Pathology

Area of expertise:
Pathology. Oncology, Histopathology, Histology



Dr. Vijay Kumar Singh
(Exp. 20 Years)
Scientist

1. 1st Place in Poster Presentation at USERC
2. Best Thesis Award, National Conference CTTABMMB, 2019
3. Publications: 10+
4. Patents: 1
5. Gov Projects: 1
6. Workshops/Conferences/FDP organised/attended: 26+

Qualification:
M.Sc., Ph.D. Microbiology
DMLT

Area of expertise:
Pathology, Phlebotomy, Virology, Histopathology, Clinical & Medical Microbiology, Haematology, Immunology, Blood Transfusion



ORGANOGRAM CRIS- DNA LABS

(Centre for Research & Innovative Scientific Studies)



Mr. Vipin Nautiyal
(Exp. 5 Years)
Senior Biochemist

- 1. Publications: 2+
- 2. Gov Projects (Co-ordinator): 1
- 3. Workshops/ Conferences/FDP organised/attended: 11+

Qualification:
M.Sc. Biochemistry

Area of expertise:
Pathology, Phlebotomy,
Clinical Biochemistry,
Immunology, Haematology



Mr. Ritik Dogra
(Exp. 3 Years)
*Deputy Quality Manager
(NABL) Section I/C
Microbiology & Molecular*

- 1. Publications: 10+
- 2. Gov Projects (Co-ordinator): 1
- 3. Workshops/ Conferences/FDP organised/ attended: 15+

Qualification:
M.Sc. Microbiology

Area of expertise:
Clinical & Industrial Microbiology,
Clinical Biochemistry, Haematology,
Immunology, Molecular Biology,
Pharmacognosy



Mr. Vishal Lolge
*Jr. Research
Assistant*

Publications: 15

Qualification:
B.Sc. (Hons.) Biotechnology

Area of expertise:
Biotechnology & Microbiology



Mr. Kavi Ranjan
*Lab Technologist &
Technical
Demonstrator*

Qualification:
M.Sc. MLT & B.Sc. MLT

Area of expertise:
Clinical Biochemistry,
Haematology,
Immunology



Mr. Saheb Lal Kumar
(Exp. 2 Years)
*Laboratory
Technician*

- 1. Publications: 4+
- 2. Gov Projects (Co-ordinator): 1
- 3. Workshops/ Conferences/ FDP Organised/ Attended: 19+

Qualification:
B.Sc. Biotechnology,
M.Sc. Biochemistry (Pursuing)

Area of expertise:
Pathology, Biochemistry
Immunology



Ms. Rashmi Bhatt
(Exp. 1.5 Years)
Lab Attendant

Qualification:
BA, Certificate course in GDA, Certificate
Course in Computer (Word, Excel)

Area of expertise:
Data Entry, First Aid, GLP, Care taker for Girls
PG

TECHNICAL/HR/ACCOUNTS/QA TEAM



Mr. Dharmender Prakash Veer
(Exp. 18 Years)

LIS Software's,
Accounting, MS. Word,
Excel, PPT, Window 2007
till latest version



Mr. Shivam Kumar
(Exp. 1 Year)

Data Entry Operator
& MIS Coordinator



Mr. Sanjeev Sharma
(Exp. 3 Years)

T3 (Teaching, Training &
Tourism) Manager



Mrs. Nisha Devi Sharma
(Exp. 6 Years)

Women Cell
Co-ordinator



Collaborate for Competence



Skill Development
Programs
(Workshops/Trainings)



Faculty Advancement
(FDP's)



Research &
Doctoral Studies
(PhD's)



Community &
Collaborative Projects
(Health Camps and SPP's)



T-3
(Teaching, Training & Tourism)
Venue at Himachal Pradesh

Lets work together...

LIST OF EQUIPMENTS

S. No	Name of Equipment	Model/ Type/ Year of Make
1	Rotor Gene Q 5 Plex Real Time PCR Machine	Qiagen Pvt. Ltd. RD219113
2	End Point Thermal Cycler (Gradient)	BIO RAD T100
3	Fully Automated Magnetic beads (MagNa) based Nucleic Acid Extractor	HiGenomaMB, InstaNX Mag-32
4	2x Semi automated ELISA Machines	ALTA – ADX-150, Micro Lab – Microlisa Puls
5	2x Semi automated Biochemistry Machines	AGAPPE – Mispa Viva, Mindray BA-88A
6	Fully Automated Haemetoanalyzer	Mindray BC-20s
7	Electrolyte Analyzer	PSR Biochem ST-200 plus
8	2x Needle incinerator	Darshmoti
9	BOD Incubator	V L Scientific Udyog
10	2x Bacteriological Incubators	Universal Scientific Syndicate
11	Inverted Microscope	Elite dulex-
12	2x Compound Microscopes	ELITE dulex, METZER-M
13	4 UV Transilluminators	Universal Scientific Syndicate
14	3x Agarose Gel electrophoresis Units	GeNei
15	SDS PAGE Unit	GeNei
16	Immunoblotting unit	GeNei
17	4x Electrophoresis power supplies	BR Biochem
18	Cell Culture Facility	-
19	Recombinant DNA Technology (CRISPR Facility)	HiMedia
20	Thin Layer Chromatography Unit	Merck

S. No	Name of Equipment	Model/ Type/ Year of Make
21	Hemocytometer	GeNei
22	Digital pH meter	Universal Scientific Syndicate
23	Digital Conductimeter	Techno Engineers
24	Biosafety Cabinet Type-I	Techno Engineers
25	2x Laminar Air Flow Cabinet	PROMAX 18712/AACP/Mech.18/2018
26	Bio Safety Cabinet Type II B2 with practices of BSL III	U TECH/ SR. NO: 84199090
27	Cooling centrifuge	BR. BIOCHEM /BR-60/2018
28	Cooling Centrifuge	BI-16000E /2021/Cooling Centrifuge
29	Non-Cooling Centrifuge	BR-BIOCHEM /2018 MU-E23-1284
30	Deep Freezer (Minus 80 Degree Centigrade)	U TECH/ RA SCIENTIFIC INSTRUMENTS / SSI-120
31	2x Deep freezer (-20°C)	CHFSD100DSW/ BLUESTART
32	4x Refrigerator (2-8°C)	LG/ 2019/ HHH21GH & Voltas
33	Vertical Autoclave	Elite/SS-56692
34	Vertical Autoclave	Max Life / VA-12365
35	Shaker Incubator	V L Scientific Udyog
36	Rotatory Flask Shaker	ELITE Dulex
37	10x Digital Thermo-hygrometers	HTC-1
38	10x Temperature sensor Digital	R-tek (DEVICE)
39	10 Digital Timers	PRESTO
40	More than 30 Variable micropipettes	MICRO LAB/PFACT/P-FACT/ NE457268/2018

S. No	Name of Equipment	Model/ Type/ Year of Make
41	Hot Air Oven	Universal Scientific Syndicate
42	Heating Mantel	Elite
43	3 Hot Plates with Magnetic stirrer	Fluxstir – FSH3, TARSONS
44	2x Water Baths	Elite
45	Heating Dry Bath	BR. BIOCHEM/BIDH-100/2018
46	Mini Spin PCR tube centrifuge	BR. BIOCHEM/BIDH-950/2018
47	2x Pass Box	Bioscientific
48	Spinix Vortex Shaker	Tarson/SL NO 1801066
49	PCR Tubes Mini Spin Win	Tarson/SL NO 1501S052
50	2X Soxhlet Assemblies	Borosil
51	Sphygmomanometer & Stethoscope	Dr. Odin
52	Separating Funnel	Borosil
53	3x Weighing Balance	BR Biochem
54	Spectrophotometer	Eppendorf
55	Portable multi-gas detector	Nyafa
56	Dissection Kit	Camlin
57	Spiral Binder	Oddy
58	3x Computer System (Students and staff)	Cnter
59	4x Air Condition	Blue Star & Lloyd
60	UPS	Luminous



Dr. Narotam Sharma

Managing Director

Published more than 250 National & International Research Papers with Faculties, Trainees & Research Scholars

Dr. Narotam Sharma is the Managing Director, Scientist, and Head of CRIS- DNA Labs (Centre for Research & Innovative Studies).

As the Managing Director of CRIS- DNA Labs (Centre For Research & Innovative Studies), he bring over a decade of expertise in molecular diagnostics, public health, and skill development. His work spans groundbreaking research, government-funded projects, and community health initiatives, earning accolades like the UCOST Young Scientist Award and a patent in early diagnostics. He has more than 110 publications and was the first scientist to design BSL-3 laboratory in Uttarakhand in SGRR Medical College, Dehradun. Passionate about education and innovation, he mentor emerging scientists and contribute to global advancements in biotechnology and genomics.



Awards and Honors

- **Received Young Scientist Award** in 12th Uttarakhand State Science and Technology Congress (USSTC), 2017-18, in the discipline Medical Sciences, including Pharmaceutical Science, organized by Uttarakhand State Council for Science & Technology (UCOST).
- **Societal Innovator Award- 2025** by Jamshedpur Cooperative College & Council for Science & Technology Innovation, Jharkhand at Jamshedpur.
- **Awarded with Scientist of the Year-2019** at 2nd National Conference Cum Workshop entitled, “Channeling as Tools and Techniques to Agriculture Biotechnology, Microbiology and Molecular Biology in 21st Century” , organized by Deptt. of Biotechnology and Microbiology, Kalp Labs, Mathura, UP.
- **Awarded with best oral presentation** at 1st Annual Conference of the Indian Academy of Biomedical Sciences & International Symposium on Advances & Applications of Molecular Biology in Clinical Research at C.S.M. Medical University, Lucknow, UP.
- **Received Gurudev Singh Award** for Honesty and Courage (Chandigarh).
- **Received Excellence in Research Award** at National Conference on “Advancing Sustainable Innovation & Community Impact”
- **Excellence Award - 2026** for Skilling Young Minds for Viksit Bharat from Pt. LMS. Campus, Sri Dev Suman Uttarakhand University, New Tehri, Rishikesh Campus

Academic and Scientific Recognition

1. **Program Coordinator** for Uttarakhand Science Education and Research Centre (USERC), Department of Science and Technology, Govt. of UK.
2. **Successfully guided and co-guided 102 dissertations/theses** for Life Science students from various institutions from all over India, many of which have been published and presented in various journals and conferences.
3. **Worked on many projects** funded by DBT and ICMR at Auroprobe Laboratories, Ghaziabad, UP.
4. **Developed, designed, and successfully started** BSL-2 & BSL-3 and Advanced Molecular Diagnostics Facilities for the SRR Medical College and Cellular & Molecular Research Oriented Training Programs at Central Molecular Research Laboratory, Biochemistry Department, SGRRIM&HS, Dehradun, U.K.
5. **In-Charge for Swine Flu (H1N1) testing center**, approved by the National Center for Disease Control, New Delhi, Govt. of India, and the Ministry of Health and Family Welfare, New Delhi. (First of its own kind in Uttarakhand).
6. **Ex-Dean Secretary**, Shri Guru Ram Rai University, Dehradun, Uttarakhand
7. **Ph.D Co-Supervisor** for 08 Research Scholars from the Biotechnology discipline
8. **Ph.D Co-Supervisor** for 07 Research Scholars from the Microbiology discipline
9. **Board of Study, Subject Expert, and Approved Supervisor** for Shobit University, Gangoh, UP, and Mangalayatan University, Aligarh, UP, Graphic Era University, Dehradun, and Dev Bhoomi University, Dehradun.
10. **Developed and started own laboratories**, DNA Labs-A Centre for Applied Sciences, Dehradun, with NABL Accredited, ICMR Approved, and ISO Certified in the fields of Coronavirus testing, Pathology, Cellular and Molecular Diagnostics, Teaching and Training, and Research.

Advisory Board Members & Mentors



Prof. Dr. Durgesh Pant

Director General,
Uttarakhand Council for
State Science &
Technology (UCOST)



Prof. N.K. Joshi

Ex Honorable Vice
Chancellor, Shri. Dev
Suman Uttarakhand
University



Prof. Dr. Sanjay Kumar

Director, Uttarakhand
Council for
Biotechnology, Pant
Nagar, Uttarakhand



Prof. Ranjit Singh

Honorable Vice
Chancellor, Shobhit
University, Gangoh,
Saharanpur



Prof. Dr. Gulshan Kumar Dhingra

Dean, of Science, PLMS
(PG) College, Shri Dev
Suman Uttarakhand
University, Rishikesh.



Prof. Karunesh Saxena

Honorable Vice
Chancellor, Sangam
University, Rajasthan



Dr. Ram Karan Singh

Honorable Vice
Chancellor, ICFAI
University



Dr. Ajay Singh,

Dean, & professor,
Uttaranchal University.



Dr. Shailja Pant

Principal, Dolphin (PG)
College of Biomedical &
Natural Sciences,
Dehradun, UK



Dr. Gyanendra Awasthi,

Professor, Dolphin
College, Dehradun, UK



Dr. Preeti Mehra

Dean, Sangam
University, Bhilwara,
Rajasthan



Dr. Palki Sahib Kaur

Director, Principal
Chandigarh College of
Technology, CGC
Landran, Mohali, Punjab



Dr. Premraj Singh,

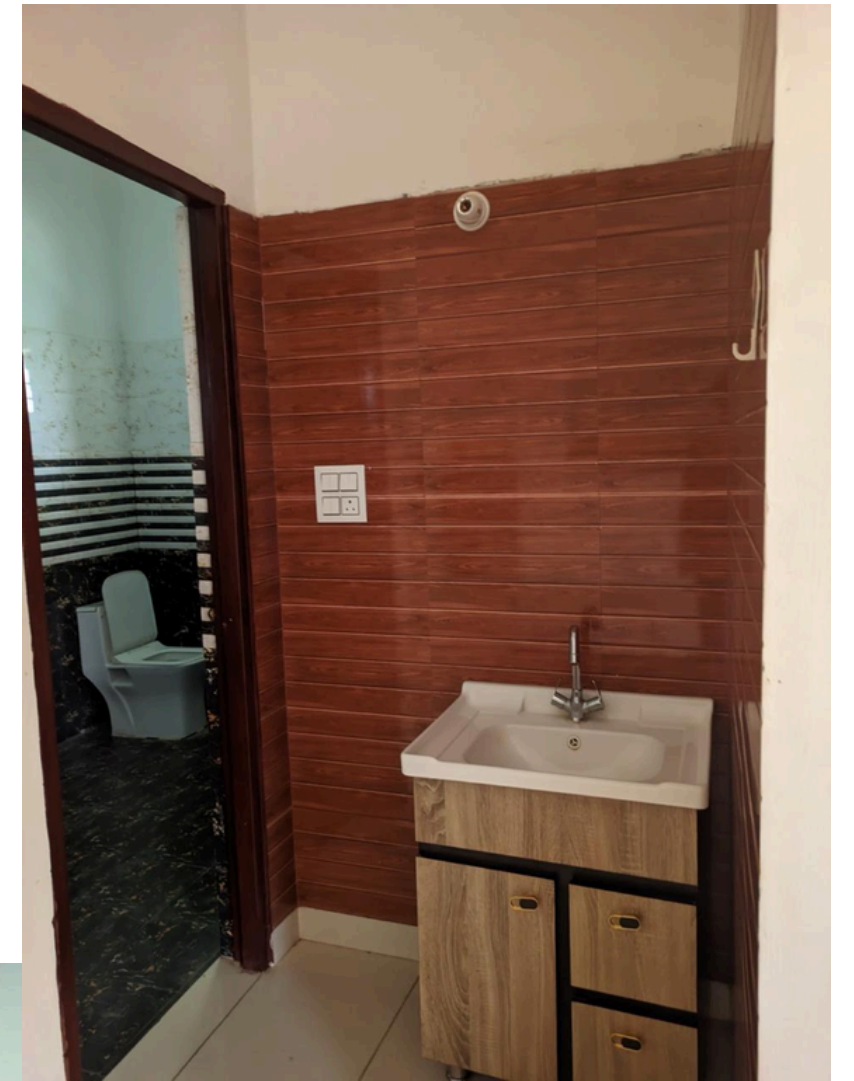
Roche
Application
Specialist



Mr. Devender Singh

Product Manager-
infectious diseases and
Microbiology





CRIS DNA Labs Boys PG with Mess facilities

Amenities Near the PG and Lab

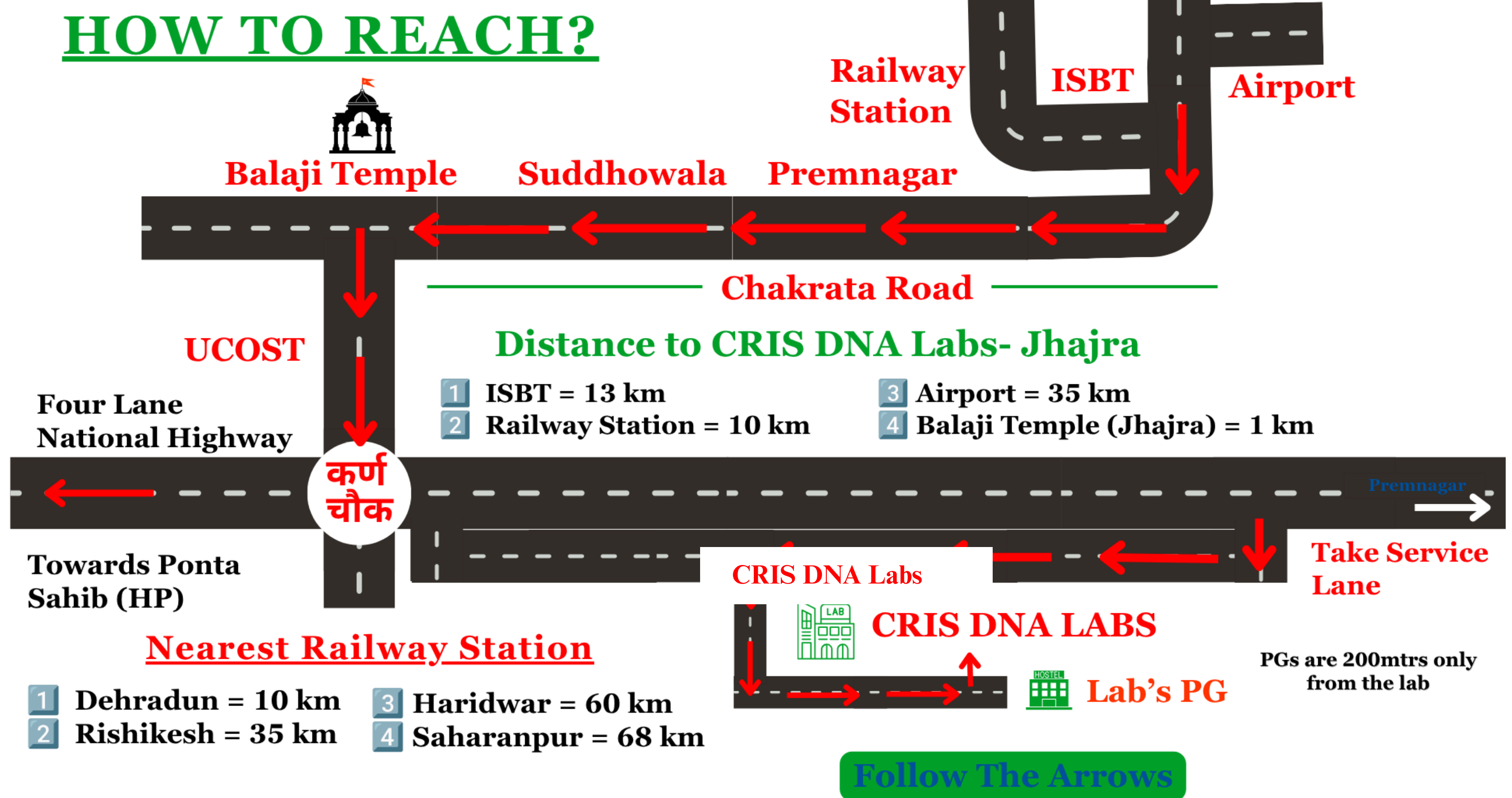
GYM



Restaurants, Cafes & Laundry



HOW TO REACH?



Contact us:

9557650069 / 9389433268

Mail us at: dnalabscris@gmail.com

CRIS- DNA labs (Centre for Research and Innovative Studies)
A Parent Organization of DNA Labs- A Centre for Applied Sciences
Laxmipur, East Hope Town, Jhajra
Dehradun, Uttarakhand-248007

Website: www.dnalabscris.com