

CURRICULUM VITAE

	Name	Dr. ANKITA SINGH, M.Sc. Biotechnology, Ph.D. Biotechnology
	Designation	Director, Quality Control Manager & Jr. Scientist
	Organization/Company	Centre For Research and Innovative Scientific Studies LLP Parent Organization of DNA Labs- A Centre for Applied Sciences, East Hope Town, Dehradun, UK
	Email	ankitaofficial10@gmail.com , ankitadnalabs10@gmail.com
	Contact No.	07983418695, 09760006993
	Organization website	www.dnalabcris.com
8+ Years of experience in related Field		
Professional Experience	❖ Worked as Lecturer in Department of Biotechnology and Microbiology, SALS, in Uttaranchal University, Year 2020. ❖ Worked in Quality Control Department as Quality Analyst, Drugs, Raw Material Department, in Uni Medico Labs 2018-2019 ❖ Worked as Scientific Content Writer in Biotech Times, 2017- 2018 ❖ Research Intern at Central Molecular Laboratory, SGRR Medical College, 2016	
Education Qualification's	❖ Doctorate in Biotechnology from Uttaranchal University, Dehradun UK on the Topic "Study of Cell Free DNA (CfDNA), Genetic Variabilities and its Implications for the Early Characterization of Rheumatoid Arthritis in Uttarakhand Population" 2020-2023 ❖ M.Sc. in Biotechnology, Hemwati Nandan Bahuguna University (A Central University), (Sardar Bhagwan Singh PG Institute of Biomedical Sciences& Research Centre), Dehradun, UK,2019 ❖ B.Sc. Biotechnology with CBZ, Hemwati Nandan Bahuguna University (A Central University), (Sardar Bhagwan Singh PG Institute of Biomedical Sciences & Research Centre). Dehradun, UK,2016	

Area of Research and Interest	❖ Infectious Virology and Immunology ❖ Cellular and Molecular Diagnostics/RDT, /Mammalian Cell Culture, Forensic serology, & Fingerprinting ❖ Clinical Biochemistry, Pharma Sciences, Pharmacovigilance, DRA & Quality Control
Government Projects (6)	❖ CO-PRINCIPLE INVESTIGATOR for Project "Women-First Responders: Entrepreneurship Skill Development in Medical Emergency Management in Champawat District of Uttarakhand" funded by Uttarakhand Council for State Science and Technology (UCOST) under Entrepreneurship Development Program (2026). Ongoing. ❖ CO-ORGANISER SECRETARY for 2 Days National Conference on Intellectual Property Rights (IPR), supported by Uttarakhand Council of Science and Technology UCOST, Department of Information & Science Technology, Uttarakhand Government & Microbiologist Society India (MBSI) on 28th and 30th March 2026. Completed. ❖ CO-PRINCIPLE INVESTIGATOR AND CO-ORGANISING SECRETARY for a 07 Day's Training program on "Next-Gen Molecular Diagnostics, CRISPR-Cas and Bioinformatics: Hands on Trainings for Emerging Biomedical Applications" funded by Uttarakhand Council for Biotechnology, Govt. of Uttarakhand (HRD Division) (2026) Completed. ❖ CO-PRINCIPLE INVESTIGATOR in Government Project Entitled "Development of Diagnostics Algorithm by Studying Genetic Polymorphisms and genotypic distributions in different grades of Cervical Anomalies and Cancers due to Oncogenic Human Papilloma viruses (HPVs) and other etiological factors in females of Uttarakhand Population" Supported by Uttarakhand Council for Biotechnology, Govt. of Uttarakhand Project will be carried on in DNA Labs (2023-2025) Project Completed ❖ SCIENCE ON WHEELS, CO-ORGANIZING SECRETARY, funded and supported by Uttarakhand Science Education and Research Centre (USERC), Department of Information and Science Technology Uttarakhand Government (2021- 2024) Project Completed.

	❖ CO-PRINCIPLE INVESTIGATOR in Government Project funded and supported by Uttarakhand Science Education and Research Centre (USERC), Department of Information and Science Technology, Uttarakhand Government on Schedule Tribes of Uttarakhand- Their Training and Awareness on Malnutrition and other issues to be carried out by Samvet Bharat Society, India (2023) Project Completed.
Publications, Conferences/Seminars/ Workshops/FDP/MDP attended	❖ 37+ Publications in Scopus indexed, Springer and Other Renowned Journals. ❖ 1 Patent (App No: 202311012944) on U/S 11A – 17/03/2023 ❖ Attended, Organized and Resource Person for more than 102 National State level Conference, outreach programs, Trainings and workshops, 06 FDPs and 5 International Conference. ❖ Supervised more than 850 Students of Graduate and Postgraduates of various Universities and Colleges of Biomedical and Allied Sciences for Dissertation and short- and long-term Projects ❖ Resource person for various online training programs in association with Learntoupgrade and Make Intern IIT zonal championships.
Awards/Honour's/Certifications	❖ Third Women Science Communicator Award-2024 by Society of Pollution and Environmental Conservation Scientists (SPECS) For Communicating and working for Technical Science and Health in State of Uttarakhand on the occasion of International Women Day on 10 Feb 2024 ❖ Young Scientist Award by Uttarakhand State Council for Science and Technology (UCOST) Uttarakhand Government, by Chief Minister of Uttarakhand and Padmashri Dr. Anil Joshi Ji in 17th Rural Science Congress organized on 10th -12th Feb 2023. ❖ Young Women Scientist Award under DBT Star College Scheme Government of India, at 2 Days National Workshop in DAV PG College Muzaffarnagar, UP. ❖ Young Researcher Award in National Workshop cum Conference in Research Scholar and Faculty Category, 2022 in 3 Days National Conference cum Workshop organized by DNA Labs – A Centre for Applied Science Dehradun under agies of Uttarakhand Science Education and Research Centre (USERC), Department of Information and Science Technology Uttarakhand Government.

	❖ Certificate of Competency in Quality Management System in NABL Labs ISO15189:2022 by Quality Council of India ❖ LSSSDC Certified Trainer in NSQF Align QP “Microbiologist Quality Control” ❖ Certification in Medical Law conducted by Legal research and Analysis Institute, India ❖ Certificate of Proficiency in First Aid course in Military Hospital, 3rd rank Dehradun, Uttarakhand ❖ Award for NCC ‘C’ Certificate with Alpha A+ Grade, Ministry of Defense 2016
Extra-curricular and social activities	❖ Former State Co-Ordinator, Microbiologists Society, India ❖ Part of Free Health Camps for Patients organized by various Hospitals ❖ Outreach Piolet activities
Ph.Ds. Supervision	❖ Co-Guide of Ms. Rinky, SALS, Uttaranchal University, Dehradun, UK ❖ Subject Expert for Ph.D. Scholar “Ms. Poonam” Galgotias University (2025-2028) ❖ Subject Expert for Ph.D. Scholar “Mr. Ashish Soni” from Department of Microbiology, NIMS University, Jaipur, Rajasthan (2020-2025) completed
Society Co-Ordinator/ Memberships	❖ Member of Samwetan Bharat Society, India ❖ State Co-Ordinator Microbiologist Society (MBSI) India

SEMINARS/CONFERENCES/WORKSHOPS/CME/FDP ATTENDED, ORGANISED & PARTICIPATED

2026

1. Participated and Presented CRIS DNA Labs at Governor House (LOK BHAWAN) at launch of AI News letter and felicitation of startups and innovators on 29th July 2026
2. EDP Resource Person for Basic Life Support: Women First Responders at Govt. Degree College, Lohaghat, on 21st July 2026 supported by UCOST, Govt. Uttarakhand
3. EDP Resource Person for Basic Life Support: Women First Responders at Jawahar Navodaya Vidyalaya, Latoli, Champawat on 19th July 2026 supported by UCOST, Govt. Uttarakhand
4. Resource Person for 10 days LSSSDC Approved Online program on Bio Physics from April-May 2026 ,2025 by Learntoupgrade pvt.ltd.
5. Resource Person for 1 Day National Workshop, Conference and Skill Development Program on “NextGen Nursing Skills: Hands-on Clinical Pathology & Infection Control Training” on the occasion of Lab Professional Week organized by CRIS DNA Lab & Bhagwant group of Institutions, Muzaffarnagar under aegis of Microbiologist Society India, on 30th April 2026
6. Resource Person for 1 Day Workshop on CRISPR -Cas, Computational Tools and Biochemical Analyzers organized by Department of Biotechnology Engineering & Food Technology, Chandigarh University, Chandigarh in collaboration with CRIS DNA LABS, Dehradun on 6th April 2026
7. Co-organizer for 2 Days National Conference on Intellectual Property Rights (IPR), supported by Uttarakhand Council of Science and Technology UCOST, Department of Information & Science Technology, Uttarakhand Government & Microbiologist Society India (MBSI) on 28th and 30th March 2026
8. Co-organizer for 06th Annual 5 Days Workshop & Conference on “New Frontiers in Applied Genomics, Molecular Diagnostics and Advanced Systems in Translational Research in Life Sciences 2026.” from 21st to 25th March, Organized at Pt.L.M.S. Campus, Sri Dev Suman Uttarakhand University in collaboration with Scientific and Technical Partner Centre for Research & Innovative Scientific Studies, CRIS DNA Labs, East Hope Town, Dehradun and IQAC Dept. Of Microbiology & Dept. Of MLT, PLMS, Sridevi Suman Uttarakhand University, Rishikesh and Seema Dental College & Hospital, Rishikesh and Microbiologist Society India.
9. Co-organizer for 2 Days Workshop on Forensic Toxicology at CGC, Jhunjheri, organized by CRIS DNA Labs.
10. Co-organizer for 3 Days International Conference and Workshop "WCCMDHS". Jointly organized by Desh Bhagat University and CRIS DNA Labs from 16-18 March 2026
11. Resource Person for 20 days LSSSDC Approved Online program on Clinical Data Management from March to April ,2026 by Learntoupgrade pvt.ltd.
12. Co-organizer for 5 Days Workshop on Forensic Sciences at GNA University, Phagwara organized by CRIS DNA Labs
13. Co-organizer for 1 Day National Workshop on “Proteomics, Molecular and NABL” at PHPC Mathura, UP
14. Resource Person for 10 days LSSSDC Approved Online program on Clinical Data Management from 5th

January to 30th January ,2026 by Learntoupgrade pvt.ltd.

15. Resource Person for 10 days LSSSDC Approved Online program on Fish Biology from 2nd Dec 2025 to 9th January 2026 ,2025 by Learntoupgrade pvt.ltd.

2025

1. Resource Person for 2 days Hands on Workshop and FDP on “Next Gen PCR: Types & Applications in Advanced Molecular Techniques” organized by DNA Labs and Galgotias University, Noida, UP on 17th & 18th October, 2025
2. 02 Days Hands on Workshop at GNA University, Phagwara, Jalandhar, Punjab on present scenario of Tech in MLTS. 22nd to 24th Sept. 2025.
3. Resource Person for 5 Days National Workshop cum Hands on Training Programs on “Instrumentation in Molecular Biology, RDT & Bioinformatics: Learning machines & its Applications in Industries and Research” organized by KIT, Kanpur, UP in collaborations with DNA Labs CRIS from 6th October to 10th October, 2025
1. Resource Person for 15 days Online Certification course on Pharmacovigilance October 2025 by LSSSDC Approved Learntoupgrade pvt. ltd
2. Co-organizer for 15 days Certification course on “Oncology and Infectious Virology” 1st September-15th September, 2025 by DDNA Labs CRIS
3. Co-organizer for 15 days Certification course on “Instrumentation in R&D” 20th August -7 September, 2025 by DNA Labs CRIS.
4. Resource Person for 10 days Online program on Clinical Trials from 6th August to 30th August, 2025 by LSSSDC Approved Learntoupgrade pvt.ltd.
5. Resource Person for one day Seminar on “Bio skills for Bioentrepreneurs: Learning Emerging Innovations & Startups Ecosystem in India organized by Department of Microbiology, SILB, Solan, Himachal Pradesh on 5th August, 2025 in collaborations with DNA Labs CRIS, Dehradun under aegis of Microbiologists Society, India, Himachal Pradesh & Uttarakhand Chapter”
6. External Expert for Student orientation program, Department of MLT, Chandigarh University, Chandigarh
7. Resource Person for 10 days Online program on molecular and chromatography from 9th June to 11th July, 2025
8. Resource Person for 10 days Online program on forensic Science 9th June to 11th July, 2025.
9. Resource Person for 5 days Online program on Animal Cell RDT, June 2025.
10. Resource Person for 10 days Online Course on Food Microbiology & Food Science by LSSSDC Approved learntoupgrade pvt.ltd, Jan 6th, 2025-1st June 2025
11. Resource Person for 03 Days Industrial Hands-on Training Program on Instrumentation Handling & Applications, Organised by Institute of Pharmaceutical Science & Research on Association with LSSSDC Approved Learntoupgrade on 7th, 8th & 9th April 2025
12. Resource Person for 15 days, 17th March to 4th April, 2025 “Practical Applications of Bioinformatics: Genomic Analysis” organised by Sangam University, Bhilwada, Rajasthan

13. Co-organising Secretary for A5 Days National Level Workshop& Hands on Training Program:” Learning Labs for Life: Practical Applications in Modern Health& Allied Sciences” organized by DNA Labs CRIS and hosted by Faculty of Applied Sciences, Ras Bihari Bose Subharti University, Dehradun from 28th Feb- 04th March, 2025
14. Resource Person for 10 days Online Course on Forensic Science by LSSSDC Approved learntoupgarde pvt.ltd, Jan 18th,2025-7th Feb, 2025
15. Co-organiser for 1-week National Workshop cum Hands on Training & Faculty Development Program on “Tools and Technqiues in Genome Based Evidences and its Application in Forensic Sciences” organized by DNA Labs CRIS in collaboration with Parul University, Vadodara.
16. Resource Person for An International workshop cum Seminar on Molecular Biology and Immunology (MBI- 2025) organised by Department of Microbiology, North Bengal, St.Xavier’s College, Rajganj in Association with IQAC, MBSI and technical collaboration with DNA Labs CRIS, Dehradun, UK
17. Co-organising secretary for 2 days National workshop cum Hands on Training Program (9th& 10th May 2025) on Genomics, Proteomics& Bioinformatics Tools& Technologies: Applications from Insititute to Industries, by Department of Zoology, Jamshedpur Co-operative College, Jamshedpur, Jharkhand.

2024

18. Attended 2-Day Virtual workshop on Space Biotechnology organized by ASTRO School of Space Education& Research Pvt Ltd(SpaceSkool) from 13th to 14th Dec 2024
19. Co-organizer and Resource Person for 03 Days National Workshop Cum Entrepreneurship Skill Development Program on Molecular Diagnostics and its Applications in Diagnostics& Therapeutics from 20th Nov to 22nd Nov 2024 at Guru Kashi University, Talwandi Bhatinda in collaboration with DNA Labs.
20. Co-organizer and Resource Person for 2 days National Workshop on Molecular, Immunology and Bioinformatical tools and techniques at GNA University, Phagwara, Punjab in collaborations with DNA Labs.
21. Co-organizer and Resource person for 03 days National Entrepreneurship Skill Development cum Hands on Training Workshop on Molecular Biology, Bioinformatics and Proteomics: Applications from Institution to industry from 24 to 26 October, 2024 at Bareilly College, Bareilly., UP
22. Co-Organizing Secretary for 3 Days National Workshop at Moti Ram Babu Ram Government P.G College Haldwani, Uttarakhand from 03 Oct to 05 October, 2024, in collaborations with DNA Labs on Instrumentations in Molecular Biology, RDT, Proteomics& Bioinformatics: Application from Institutes to Industries.
23. Resource Person for 3 days National Workshop on Recombinant DNA Technology at KPGU Vadodara organized by e cell IIT Hyderabad Zonal Championship

24. Resource Person for 30 Hrs Value Added course in Research Ethics in collaboration with DNA Labs and Department of Medical Lab Technology, Chandigarh University, Oct 2024.
25. Trainer and Resource person for 9 Days Molecular Diagnostics Certification Course program by learntoupgarde pvt.ltd
26. Trainer and Resource person for 1 week(9 sep to 14 Sept,2024) online training program on NanoBiomedicine for National & International students a program by learntoupgarde pvt.ltd
27. Trainer and Resource person for 10 days(17 Aug to 6 Sept,2024) online training program on Drug Regulatory Affairs for National students a program by learntoupgarde pvt.ltd.
28. Trainer and Resource person for 10 days(17 Aug to 8 Sept,2024) online training program on Pharmacovigilance for National students a program by learntoupgarde pvt.ltd.
29. Trainer and Resource person for 10 days(11 July to 29 July ,2024) online training program on Pharmacovigilance for National students a program by learntoupgarde pvt.ltd.
30. Resource person for 3 days National workshop by IIT Hyderabad, zonal championship organized at MGM University, Aurangabad, Maharashtra ,April,2024
31. Resource Person and workshop coordinator for 5 days national workshop, by IIT Kharagpur, zonal championship at CGC Landran, Chandigarh
32. Trainer and Resource person for 10 days(28 march-April 2024) LSSSDC Approved online training program on Molecular Biology and Chromatography for National students a program by learntoupgarde pvt.ltd.
33. Trainer and Resource person for 10 days(11 march-9 June) LSSSDC Approved online training program on Food Science and Microbiology for National students a program by learntoupgarde pvt.ltd.
34. Trainer and Resource person for 10 days(11 march-9 June) LSSSDC Approved online training program on Food Science and Microbiology for National students a program by learntoupgarde pvt.ltd.
35. Trainer and Resource person for 10 days(11 July to 29 July) LSSSDC Approved online training program on Pharmacovigilance for National students a program by learntoupgarde pvt.ltd.
36. Co-Organizing Secretary for 2 days hands on workshop on Immunology, Serology and Microbiology at DAV College Muzaffarnagar under Star College Scheme DBT, govt of India in collaboration with DNA Labs

2023

1. Resource Person for 02 Days National Training cum Hands on Training Program organized By School of Pharmaceutical and Population Health Informatics (SOPPHI), DIT University, Dehradun in collaboration with DNA Labs- A Centre For Applied Sciences, Dehradun and Academy of Science, Health and Knowledge (ASHOK) and Samvet Bharat Society.
2. Resource Person and Co-coordinator for 2 Day's Workshop on "Cancer Biology and Immuno Technologies and its Applications, Diagnostics& Therapeutics" organized under agies of Star College Scheme, DBT, New Delhi, in D.A.V College, Muzaffarnagar in collaborations with DNA Labs- A Centre for Applied Sciences, Dehradun, Samvet Bharat Society and Academy of Science, Health and Knowledge

(ASHOK).

3. Attended and got awarded as Young Scientist Award by Uttarakhand State Council for Science and Technology (UCOST) Uttarakhand Government, by Chief Minister of Uttarakhand and Padmashri Dr. Anil Joshi Ji in 17th Rural Science Congress organized on 10th -12th Feb 2023.
4. Awarded token of Appreciation for Judging the Oral and Poster Presentation in Seminar on Diabetes Related Emergencies, Issues and Wellbeing on this 27th Day of June 2023, at Dehradun by techno Hub Laboratories.
5. Co-Organizing Secretary for 02 Days National Training cum Hands on Training Program organized BY School of Pharmaceutical and Population Health Informatics (SOPPHI), DIT University, Dehradun in collaboration with DNA Labs- A Centre for Applied Sciences, Dehradun and Academy of Science, Health and Knowledge (ASHOK) and Samvet Bharat Society.
6. Resource Person for one day Science Popularization program in Bansthali Vidyapith, Rajasthan, 25-26 January 2023.

2022

1. Guest Speaker for 1 Day National Seminar on “Biotechnology and Covid-19 Pandemic Role of Biotechnology in Covid Vaccine Development “Organized by UCB, Uttarakhand Council for Biotechnology in Chaman Lal Mahavidyalaya, Dept of Zoology and microbiology on 4th Dec, 2021.
2. Resource Person for 1 Day seminar on Advancement in Molecular tools, TMU, 2022
3. Resource Person for 2 Days Hands on Workshop on “Expansions and Innovations in Health Sector: Translating Research to Mankind” supported by UCOST, Dehradun and organized by Pt. Lalit Mohan Sharma Campus, Rishikesh in association with DNA Labs- A Centre for Applied Sciences, Dehradun, U.K
4. Organised 1-day Hands on Workshop cum awareness Program for Government schools in Rural Areas of Uttarakhand under aegis of USERC and organized by CRIS- Centre for Research and Innovative Studies, Dehradun “SCIENCE ON WHEELS” in Kasturba Gandhi Balika Vidyalaya, Rotu ki Beli, Jaunpur, Tehri Garhwal, U.K on 31 March 2022
5. Attended Women Scientist Conclave organized by USERC, Dehradun, U.K on 29 March 2022.
6. Attended Teacher’s Conclave organized by USERC, Dehradun, U.K on 30th March 2022.
7. Organised Celebration of International Day of Immunology under aegis of Indian Immunology Society and support of Hinglaj Chariatable Trust on Theme Role of Immuno Diagnostics for Pre- Maritals and Pregnant Females on 29th april 2022
8. Organised 03 Days National Workshop cum conference on “Biotechnology and its Applications in Disease Diagnosis, prevention, Prediction and Preparedness to combat future outbreaks” on 19,20& 21 May 2022 under aegis of Uttarakhand Council for Biotechnology (UCB) organized by DNA Labs-A Centre for Applied Sciences, Dehradun, U.K& Supported by Dolphin PG College, Dehradun, U.K

9. Young Researcher Award for the topic “Study of Cell Free DNA (cfDNA), Genetic Variability’s and its Implications for the Early Characterization of Rheumatoid Arthritis in Uttarakhand Population” and in PhD/ Faculty category on 03 Days National Workshop cum conference on “Biotechnology and its Applications in Disease Diagnosis, prevention, Prediction & Preparedness to combat future outbreaks” on 19,20& 21 May 2022 under aegis of Uttarakhand Council for Biotechnology (UCB) organized by DNA Labs-A Centre for Applied Sciences, Dehradun, U.K, & Supported by Dolphin PG College, Dehradun, U.K
10. Organized 1 day Workshop cum awareness Program for Government schools in Rural Areas of Uttarakhand under aegis of USERC and organized by CRIS- Centre for Research and Innovative Studies, Dehradun “SCIENCE ON WHEELS” in GIC Tikochi, Distt. Uttarkashi on 11 May 2022
11. Organized 1 day Workshop cum awareness Program for Government schools in Himachal Pradesh organized by DNA Labs- A Centre for Applied Sciences Dehradun, U.K “SKILLS ON WHEELS” in Chajpur valley, Himachal Pradesh on 12 May 2022
12. Guest Speaker for one day National Seminar on “Uterine and Ovarian Cyst: Causes, Symptoms and Treatment- A Positive Approach towards female Health (funded by Uttarakhand Council for Biotechnology UCB)” on 28 April 2022 organized by Chaman Lal Mahavidyalaya, Dept. of zoology & commerce, Roorkee, U.K
13. Attended Two Weeks Faculty Development programme (FDP) on “Emerging Application of Computer and Statistics in Applied Science” from 18th July 2022 to 31st July 2022.
14. Organized Inter College/University Quiz Competition on 29 Aug 2022 in DNA Labs- A Centre for Applied Sciences Dehradun, Uttarakhand.
15. Organized One Day Continual Medical Education (CME) on “Microbes for Better Tomorrow” on the occasion of International Microorganism Day on 17th September 2022.
16. Attended 2 Days International Conference on “Interdisciplinary Research in Cancer Biology” ICIRCB- 2022 from 22nd to 23rd September 2022, organized by UPES University, Dehradun, Uttarakhand, India.
17. Resource Person for One day seminar on “Science Popularization Program” on 12 Nov 2022, in DAV (PG) College, Muzaffarnagar, UP.
18. Resource person for one day Seminar at Guru Nanak Khalsa College, Yamuna Nagar, Haryana
19. Resource person for one day Seminar at Chandigarh Group of Colleges, Chandigarh, 24 Nov 2022
20. Presented Research paper in 2 days International Conference in Uttaranchal University, 25 and 26 Nov 2022
21. Resource person for one day scientific lecture event in Hemwati Nandan Bahuguna Central University, Srinagar 28 Nov 2022.
22. Resource Person for 2 Days Hands-on on Workshop on Molecular Techniques, in SHUVATS, Allahabad, UP, 30-01 November 2022.

23. Conducted and organized “Scientific DNA” National Entrance Test for UG/PG Students in DAV Muzaffarnagar, UP.

2021

1. Resource Person and Co-organizer in 2 Days Hands on Workshop “Skills on the Wheels” on the occasion of World Tuberculosis Day as technical partner from DNA Labs- A Centre for Applied Sciences, Dehradun at PLMS, College, Rishikesh, under the aegis of UCOST, Uttarakhand Council of Science and Technology.
2. Organizer and Resource Person of Two Days Hands on Training and Conference on “Good Laboratory Practices” by USERC, Gov. of India and DNA Labs- A Centre for Applied Sciences, Dehradun, 2021
3. Attended 2 Days National Researchers Meet and Conference in Advances in Plant Research by Plantica Foundation in Uttaranchal University, Nov 2021
4. One day State Seminar on Role of Genomics in Quality Management System in Biomedical Laboratories by Sanskriti University School of Medical and Allied Sciences, 20 Nov 2021
5. Resource Person for 1 Day seminar at Chandigarh University on “Biosafety in Biomedical Laboratories”, Department of Medical Lab Technology on, 3 Dec 2021.

2020

1. Participated in one day webinar on “Covid -19: Challenges and Opportunities in clinical Knowledge, Research and Diagnostics” on 5th May 2020, organized by DNA LABS-A Centre for Applied Sciences (DLCAS), Dehradun, U.K
2. Participated in one day webinar on “Cervical Cancer: Causative Agents, Oncovirology and Molecular Methods for its Detection and management & Vaccines for coronavirus and other types, strategies for its development” on 10th May 2020, organized by DNA LABS- A Centre for Applied Sciences, Dehradun, Uttarakhand.
3. Attended one day Webinar on “Exploitation of RNA Splicing Machinery for Anti-Cancer Therapy, Subtheme: Covid19 Menace to Mankind” held on 14th May 2020, organized by CRIS-Centre for Research and Innovative Studies, Dehradun
4. Attended one day webinar on “Food Waste Management and Importance of Medicinal Plant in Food Industry” held on 24th June 2020 organized by Department of Food Technology, SALS, Uttaranchal University, Dehradun.
5. Attended awareness programme on “Role Of Youth Against Drug Abuse, International Day Against Drug Abuse & Illicit Trafficking” held on 26th June 2020, organized by Department of Biotechnology, School of Applied life sciences, Uttaranchal University, Dehradun,
6. Participated in one day international webinar on “International Mountain Day” held on 11 Dec 2020, organized by Uttarakhand Science Education & Research Centre (USERC), Dehradun, UK
7. Organized Attended 3 days International Conference, NAMASTE-2020 NOVELASPECTS

INMEDICINES, ALLIED SCIENCES AND TECHNOLOGIES FOR NEW DEVELOPING ERA”
10thSEP-12thSep 2020, organized by DNA LABS-A Centre for Applied Sciences (DLCAS), Dehradun,
U.K.

8. Co-organizing Secretary in 02 days National Workshop on “Drug Design and Development” on 24th and 25th September 2020, organized by CRIS- Centre for Research and Innovative Studies, Dehradun.
9. Participated in 3 days training on “Women Entrepreneurship” from 26 Nov 2020- 28 Nov 2020, organized by Avya Life Science pvt Ltd., Kanpur, UP

2019

1. Participated in Workshop on “Women Successpreneur in the Era of Modern Science & Technology” organized by DAV College for Girls, Department of Biosciences Yamuna Nagar, Haryana, India on 5th and 6th April 2019
2. Participated in “Himalayan Diwas 2019” jointly organized by Uttarakhand Science Education & Research Centre (USERC), Himalayan Unity Mission (HUM) and Vigyan Bharti Uttarakhand.
3. Participated in 2 days National Workshop on “Channeling as Tools & Techniques to Agriculture Biotechnology, Microbiology & Molecular Biology in 21st Century” organized by KALP Laboratories, Mathura in association with Koshambi Foundation on 24-25 November 2019.

2018

1. Participated in National Conference and Continual Medical Education (CME) with 03 Credit Hours on “Current Challenges for Tuberculosis Management on World Tuberculosis Day (24th March 2018) organized by Central Molecular Research Laboratory (CMRL), in Collaboration with Uttarakhand Science Education & Research Centre, Govt of Uttarakhand (USERC).

2017

1. Attended 1 day workshop on “Advanced Tools and Techniques in Post Genomic Era” on 27thApril2017, organized by Central Molecular Research Laboratory (CMRL), Shri Guru Ram Rai Institute of Medical & Health Sciences, Patel Nagar, Dehradun, U.K
2. Attended One day Workshop on “Bioinformatics: Emerging Challenges& Opportunities” organized by Uttarakhand Council for Biotechnology (UCB)July18th, 2017, Silk Park, Premnagar, Dehradun.

2016

1. Attended National Symposium on “Perspectives on Research in Science& Health Care organized bySardar Bhagwan Singh PG Institute of Biomedical Sciences &Research, Balawala

Dehradun in association with Uttarakhand Council of Biotechnology (UCB), Haldia, U.K,
on 29th, January 2016

2015

1. Participated in Chemcon, National Seminar and workshop on Advance Perspective and Challenges in Chemical Sciences, held at School of life sciences, SBSPGI, Balawala, Dehradun, (11th – 12th February 2015)
2. Participated in Bio con, Regional Training Workshop on "Water Quality Monitoring and Management, held at Department of Applied Chemistry, SBS PGI, Balawala, Dehradun, (10th – 12th March 2015)

PATENTS

Patent on “Contamination Cell free DNA cfDNA Isolation Process for early Diagnosis of Rheumatoid Arthritis” (App No: 202311012944) on U/S 11A – 17/03/2023 With DNA Labs and SALS, Uttaranchal University, Dehradun, UK.

RESEARCH/REVIEW PUBLICATIONS

1. Herbal Intervention in Aquatic Toxicology: Histopathological Assessment of *Bacopa monnieri* Against Imidacloprid-Driven Cardiac Damage in *Labeo rohita*. (2026, July). *Research Square*. <https://doi.org/10.21203/rs.3.rs-10283657/v1>
2. Singh A, Kumari S, Sharma K. Targeting uropathogenic virulence and biofilms using plant-derived extracts: A comprehensive analysis of *Origanum vulgare* bioactivities. *Applied Biochemistry and Biotechnology*. 2026. doi:10.1007/s12010-026-05672-3.
3. Kumari, S., Singh, A. & Sharma, K. Targeting Uropathogenic Virulence and Biofilms Using Plant-Derived Extracts: A Comprehensive Analysis of *Origanumvulgare* Bioactivities. *ApplBiochemBiotechnol* (2026). <https://doi.org/10.1007/s12010-026-05672-3>
4. Srivastava, R. K., Suryakant, N., Sharma, N., Dogra, R., & Singh, A. (2025). Association of VDR gene polymorphisms (FokI, BsmI and TaqI) with type 2 diabetes mellitus: A molecular and biochemical correlation study in the capital city of Uttarakhand. *International Journal of Life Sciences, Biotechnology and Pharma Research*, 14(12), 1342. https://doi.org/10.69605/ijlbpr_14.12.2025.216
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Manuscript Under Review

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ONGOING INTRAMURAL RESEARCH PROJECTS

1. Study of non-Invasive samples and its proficiency in detection of different malignancies.
2. Comparative analysis Treatment effect on Hepatitis C Virus affected Patients and lifestyle- based liver disorders and related co-morbidities.
3. Identification of Various Genes for P C R based diagnosis of Anxiety and Bipolar Disorders and epidemiological survey in Uttarakhand, Dehradun, UK
4. Role of NTM diagnosis in characterization of MTB and MOOT in suspected patients.

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I hereby assure you that above information is to the best of my knowledge.

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