

Divya Singh

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Objective

I am an individual seeing a position to utilize my knowledge, skills and abilities in the industry that offers competitive environment, a true profession to put in the acquired knowledge and gain exposure to upcoming technologies while being resourceful, innovative and flexible.

Educational qualification

Programme	college	University/Board	Passing Year	Percentage
M.Sc. (Microbiology)	Kanya Gurukul Campus,Haridwar	Gurukul Kangri Vishwavidyalaya	2019	82.175%
B.Sc.	Chinmaya Degree College	H.N.Bahuguna Garhwal University	2017	71.77%
12th	Maa Bharti Sr. Secondary School Talwandi ,Kota	CBSE	2014	74.40%
10th	Kendriya Vidyalaya No.1 B.H.E.L. Haridwar	CBSE	2012	10 CGPA

Other qualification

GATE-2019, organised by IIT MADRAS, in Life Sciences,Score: 384(Qualified).

Computer Literacy

Programme	University/Institute	Passed During	Grade Obtained
Course on Computer Concept	NIELIT	September 2018	B

ACADEMIC PROJECT DETAIL

Done 3 months project work on "Genotypic distribution of Hepatitis B Virus and it's Clinical Relevance for Monitoring the Disease Severity" at college level in M. Sc. Microbiology 4th semester from Biochemistry Department of Central Molecular Research Laboratory (CMRL) ,Shri Guru Ram Rai University, Dehradun, Uttarakhand.

Technical proficiency in LAB

Microbiology

1. Antibiotic sensitivity test
2. Staining methods
3. Isolation of antibiotic resistant microbe from soil
4. Isolation of bacteriophage from Ganga water
5. Determination of cell size of microorganism

6. Slant preparation and streaking on plates

Industrial microbiology

1. Amylase production
2. Determination of quality of milk by MBRT.
3. Production of antibiotics from microorganisms
4. Most probable number (MPN) method to estimate concentration of viable microorganisms.

Molecular microbiology

1. Isolation of DNA from (HBV, HLA-B27, HPV, TB samples)
2. Isolation of RNA from (H1N1, HCV, Chikanguniya samples)
3. Preparation of amplification mix (HBV, HCV, H1N1, TB, HLA-B27) .
4. Result interpretation from thermal cyclers.
5. Agarose gel Electrophoresis.
6. Isolation of plasmid DNA from microbial cell.
7. Amplification of DNA from microbial cell.
8. Genotyping of HBV, HPV, HCV.

Equipment handled

1. Real time PCR Machine (Roche).
2. Real time PCR Machine (Qiagen).
3. UV Trans illuminometer.
4. Cooling centrifuge.
5. Bio safety cabinet class 2.
6. Variety 96 well gradient thermal cycler.

Strengths

1. Positive attitude.
2. Self motivating.
3. Hard Working.
4. Leadership.
5. Diligence.
6. Strong work ethic

Personal details

- Name : Divya Singh
- Date of birth : 14th Aug 1996
- Father's name : Mr. Gyanendra Singh
- Mother's name : Mrs. Arti Singh
- Sex : Female
- Nationality : Indian
- Language : English and Hindi

Declaration

Declare that the above-mentioned particulars are true to the best of my knowledge and belief.

(Divya Singh)