

CURRICULAM VITAE



PRASHANT KUMAR

**Microbiology Technician
Histopathology Technician**

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Objective: Looking for a position of Microbiology Technician / Histopathology Technician , Work in a lab environment utilizing my work experience and demonstrated ability to perform increasingly responsible positions in a variety of manufacturing environments. Seeking an opportunity to grow and utilize skills and knowledge gained through previous education and employment.

ACADEMIC QUALIFICATION

- ❖ **M.Sc. Microbiology** from Doon Pg. Paramedical College Dehradun (HNBGU) 2018.
- ❖ **B.Sc. Medical Microbiology** from Doon Pg. Paramedical College Dehradun (HNBGU) 2016.
- ❖ **Intermediate** from Bihar Board in 2009.
- ❖ **High school** from Bihar Board in 2006.

WORKSHOP'S/ SEMINAR'S / WEBINAR'S

- **1ST NATIONAL CONFERENCE ON “TODAY’S INNOVATIONS – TOMORROW’S SUSTAINABILITY IN ALLIED SCIENCES, TECHNOLOGY, MANAGEMENT AND EDUCATION”. (25TH - 26TH MAY 2013).**
- **2ND NATIONAL CONFERENCE ON AUTOIMMUNITY AND AUTOIMMUNE DISEASES. (10TH - 11TH APRIL 2015).**

Publication

- ❖ Innovative tools for assessing infectiousness in asymptomatic carriers of L. donovania proof of concept study of a novel micro biopsy device. **(Department of Biomedical Science, Institute of Tropical Medicine, Antwerp Belgium).**

WORKING EXPERIENCE

- Working in Dr. Lal Path Labs as Senior Lab Technician / Histopathology Technician, from 28 August 2020 to 21 Jul 2022. Also perform NABL and ICMR approval for Dr. Lal path labs. Data interpretation, stock management, reporting, reagent prepare, extraction. Also work on Zybion automation extraction training and Bio-Rad CFX-96 training. As well as all molecular detection handling reporting and compliances. Docs work.
- 6 Months Training in Histopathology Department at Kolkata Reference lab (KRL 15 Dec 2021 to 15 May 2022).
- Worked as Senior Lab Technician, Clinical Research Coordinator and Junior Entomologist in Kala - Azar Medical Research Center Muzaffarpur from 15 March 2018 to 26 August 2020. **(Work in Different Projects DNDI, BMGF, SKIN-LEISH, TMRC, LC-FUNGISOME).**
- Worked as Microbiology Technician in Agrawal Life care (SRL) Muzaffarpur from 7 October 2017 to 13 March 2018.
- Worked as Lab Technician in Prasad Hospital Muzaffarpur from 12 April 2017 to 3 October 2017.
- Worked as Junior Lab Technician in Thyrocare Technology LTD. Navi Mumbai 15 March 2016 to 3 April 2017.

Roles and Responsibilities

- Receiving, labeling, and analyzing samples.
- Designing, and executing laboratory testing according to standard procedures.
- Making observations and interpreting findings.
- Organizing and storing all chemicals, substances, fluids, and compressed gases according to safety instructions.
- Recording all data and results in specified forms.
- Maintaining equipment and assisting in ordering supplies.
- Maintaining a clean and orderly environment.

Hands on Work IN Molecular Biology

- RNA extraction, Primer Design, Real time PCR and data analysis, Histopathology data analysis on Image-J, CFU analysis, BLAST, Fast Q analysis, Multiple sequence alignment, cDNA synthesis, Cloning, Plant Tissue Culture, Gram Staining, Blood group's, Gel Electrophoresis, DNA extraction, Polymerase Chain Reaction (PCR), ELISA, Streaking, Biodiesel Production.

HANDS OF EXPERIENCE IN MICROBIOLOGY

- Performed all microbial testing of finished products and raw materials including documentation, reporting, review and approval.
- Used Starlim Software to receive, track and disposition raw materials and finished products.
- Performed All Types of Bacterial Cultures and gram Stains for the identification of gram positive and gram negative Organisms.
- Operate Vitak-2 for the identification and Antibiotics Sensitivity Testing.
- Operate BACTAC- 40 for the process of Blood Culture Samples.
- Prepared Media for various organisms and culture them for recognition.

HANDS OF EXPERIENCE IN HISTOPATHOLOGY

1. Process microscopic slides at all phases, including, H&E staining, microtomy, embedding, cover slipping, and frozen sectioning to prepare specimens for diagnosis by Pathologists.
2. Cut and stain frozen sections or diagnostic surgical specimens using a cryostat microtome.
3. Assist in the Gross Room including grossing specimens and assuring each specimen is properly prepared for processing tissue.
4. Prepared slides for immunohistochemically stains Complete tissue intake, which includes properly labeling each specimen and assuring each specimen is properly prepared for processing.

5. File blocks and slides to ensure all cases can be found when needed Maintain inventory and order supplies as need to keep the lab adequately stocked.
6. Follow all safety policies to clean the gross room and dispose of bio hazardous waste.
7. Perform additional responsibilities incidental to Histology Laboratory activities.

Description:

1. Compiled quick response date sheet for management on a daily basis including test outcomes and opinion of the quality of the material.
2. Performed various testing techniques to ensure that fabrics met the requirements and guidelines to be processed into clothing or other items.
3. Created a chronological system for receiving the samples, resulting in an increased workflow on a daily basis.
4. Formulated chemical equations, through excel, to create a road map in preparation for customer desired chemical mixes.
5. Ensured confidentiality of study records as required in good laboratory practice and good clinical practice regulations.

COMPUTER SKILL

- BASIC KNOWLEDGE OF COMPUTER (MS-OFFICE & INTERNET).
- 6 MONTH DCA COURSE IN FLEXZ COMPUTER CLASS.

Personal Details: -

Father Name:	Anil Kumar
Date of Birth:	24 Nov, 1990
Permanent Address:	Sherpur Narayan Pur Anant Muzaffarpur Bihar 842005
Language:	Hindi, English and Maithili
Blood Group:	” O” Positive
Nationality:	Indian
Passport Details:	U8249945

I DO HERE BY CONFIRM THAT THE INFORMATION GIVEN IN THIS FORM IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PRASHANT KUMAR