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**HCPC Registration Number: BS074470**  
**IBMS membership:417894**

## **CAREER OBJECTIVE**

I am a certified Biomedical Scientist(**HCPC, United Kingdom**). I completed my MS in Biomedical sciences from London Metropolitan University. Seeking a career opportunity in a prestigious organization to maintain and apply my strong problem-solving, research, verbal and oral communication skills, healthcare and administrative skills obtained from my past job experiences and education. Aim to contribute positively towards the success of the industry. Keen to join a team of professionals and build a career on a successful platform.

## **EXPERIENCE**

### **Biotechnology Lecturer: SP College, Maharashtra, August, 2022**

- Excellent subject knowledge.
- Ability to communicate scientific and subjective concepts clearly in English.
- Basic computer operating skills.

### **Residential Biomedical Scientist, Research Department, January 2021- January 2022 Medicine Online Pvt. Ltd, London**

- Writing articles per month for content publishing on the Company website.
- Attend conference meetings as required by the company. Monthly, Fortnightly or weekly as agreed.
- Advise the Company for relevant compliance issues by the relevant authorities
- Report to the Company any possible relevant business opportunities or threats that Officer becomes aware of.

### **Biomedical Support Worker, Histology Department Sept 2019 – September 2020 Royal Brompton Hospital, London**

- Process clinical specimens and perform scientific procedures.
- Accurate reagent formulation, sorting and filing of slides, routine maintenance of the tissue processor
- Adhere to all quality and safety processes, deliver effective support within a professional clinical team, contribute to the efficient running of the department within the turn around time(TAT)
- Work under pressure, prioritising to process high volumes of specimens to tight deadlines
- Directly reporting to the senior lead after the completion of the task.
- Always followed the Quality Management system.

**Associate Practitioner, Cellular Pathology** July 2019 - Sept 2019(Locum)

Royal Victoria Infirmary, Newcastle upon Tyne

- Embedding(orientation) and microtomy(35-40 blocks per hour) (GI, skin tissue, breast, gynae and post mortem)
- Issuing work to pathologists and equipment maintenance.
- Gained understanding of the UKAS regulation ISO15189 for cellular pathology
- Frozen section(shadowing)
- LIMS system

**Associate Practitioner,Histology Department** May 2019- July 2019(Locum)

Royal Brompton Hospital, London

- Embedding of the respiratory specimens and aorta as well.
- Microtomy(35-40 blocks per hour)
- Equipment maintenance {Leica, Staining,Processors(VIP,Ploris) and Microtome}
- Staining of the slides and quality management system was followed
- Frozen section(shadowing)

**Associate Practitioner,Histology Department** Feb 2019- April 2019

LabMedExpert, Wolverhampton

- Embedding, microtomy (breast,skin, lung,liver,lumen) issuing work to pathologists
- Equipment maintenance
- Staining of the slides and quality analysis of the artefacts to provide the best quality
- Orientation of the Complex tissues( skin, liver,breast,lumen, lung and moh skins)
- Special stains for the biopsies (PAS, DPAS, Congo red, Sirius red)

**Medical Laboratory Technician, Pathology** July 2015 - Aug 2017

Aarogya Diagnostics, India

- Set up laboratory in preparation for examinations
- Collection of patient specimens, weighed and dissected specimens for chemical analysis
- Perform quality analysis and testing of the equipment before processing the samples.
- Develop maintain the protocol for quality control

**AWARDS FELICITATIONS**

- Best Biomedical Scientist Award(Delhi): POWERFUL Women Award: 2021
- Global Women Inspiration Award(Chandigarh) :2022
- Research Of Excellence Award 2022(InSc): (Bangalore)

- Best Young Researcher Award(Below 40)-2022

## **TRAINING AND INTERNSHIP**

### **Cancer Biology, IIT KANPUR,INDIA**

- Fundamental of cancer biology
- Principle of Carcinogenesis
- Principle of Cell Biology of Cancer
- Principle of Cancer Metastasis
- New Molecules for Cancer Therapy

### **Vaccine Technology, IIT KANPUR, INDIA**

- Types of Vaccine
- Development in vaccine
- Reverse Vaccinology
- Cancer Vaccines
- Development of Vaccine
- Career scope in Vaccinology

### **Molecular Biology and Biochemistry Techniques, IIT KANPUR, INDIA**

- Basic principle of MBBT
- Cell culture techniques
- Protein separation, purification
- Blotting techniques
- Bioinformatics and Computational Biology
- Microscopy

## **EDUCATION**

### **MSc Biomedical Sciences (*IBMS accredited*), Feb 2020-Feb 2022: Passed with Merit**

London Metropolitan University

- Competent in use of aseptic techniques, bacterial culture cultivation, bacterial isolation, amitosis. Gained hands-on experience of techniques such as gel electrophoresis, SDS-PAGE, titrations, colony count, chemical testing and qualitative analysis. Use of a haemocytometer, microscopic investigation.
- Confident in techniques such as ELISA, immunoassays, spectroscopy, enzyme assays, protein purification, gene cloning, gas chromatography and HPLC.
- Pipette conversions, molarity quality management techniques, standard solution preparation.

### **Postgraduate Certificate in Drug Design and Biomedical Sciences, Sept**

2017-Nov 2018 Edinburgh Napier University: Passed

Research Projects included:

- A study on the effects of nanoparticles such as ZnO on human health
  - ❑ Compared responses in THP-1 & IL 8 with nano zinc oxide particles & other dispersants at different charges
  - ❑ Analysed the effect of the dispersant at different charges on particular innate responses, completed a comparative analysis, thus identifying the effects of varying the charge of the dispersant.

- Contributed to the Poster Presentation for a team project to develop a vaccine for virus-like particles.
- Worked on synthesis and evaluation of novel mitochondria targeted anticancer agents. Gained experience in analytical spectroscopic & chromatographic methods to purify organic compounds.
- Completed literature reviews & monitored articles on topics including drug discovery, immunology, pharmacology and current practices in drug design.

Through these projects I demonstrated the ability to work independently and extended my organization and project management skills. I also enhanced my data handling and analytical skills.

### **MBA in Human Resources, October 2015- October 2017**

Jaipur National University, Jaipur, Passed with distinction

- The managerial knowledge and skills to enhance the exposure with upcoming opportunities.
- Learned organizational skills.
- Human Resource planning, financial management.

### **BSc in Life Sciences, July 2012-June 2015**

Ramjas College, University of Delhi, India: Passed with distinction

- Use of bioinformatics tools: NCBI blast, primer formation, ClustalW, ExPASy, restriction digestion of enzymes, PCR, GLP, GMP. Staining techniques (safranin, methylene blue, Gram Staining), specimen cutting (cockroach, Placoid scales, earthworm), staining carried out on cheek cells, muscle cells and an *Allium cepa* specimen.
- Well-versed in sterile microbiological techniques allowing for the maintenance and growth of UV mutagenesis, western blot analysis, SDS-PAGE, DNA and RNA extraction and spectrophotometry.

### **PUBLICATIONS**

- Effect of Colchicine of Mitotic cell division in *Allium cepa* root tips, Department of Biotechnology, Government of India, (December 2-12, 2013)
- Innovation Project RC-205 'An Interdisciplinary Study of Light Pollution in Indian Context (2013-2015) funded by University of Delhi under Innovation Project Scheme.
- Book got published in Ayurveda as a Complementary system of Healing(Lambert Publications)
- Publish research papers in ISJR and INSC
- Book published in Lambert Publication(Ayurveda as a Complementary System of healing).

### **ADDITIONAL PROFESSIONAL TRAINING**

- Completed Professional Certificate in Cancer Biology and Immunology Research(Online) - **Cambridge Center for Innovation and Development(2021)**
- Completed Advanced PG Diploma in Clinical Research (Online)-**Pharma Research (2020)**

- Being mentored as a Junior member staff by Senior BMS(**active member IBMS)-LinkedIn (2020)**
- Traditional herbal medicine in supportive cancer care: From alternative to integrative-**Coursera (2020)**
- Certification in Drug Designing and Patency - **Bioinformatics Institute of India (2016)**

#### **ADDITIONAL SKILLS:**

- Use of Microsoft Office(Efficient in using Excel and MS Word)
- Winpath
- Q Pulse{(CAPA)Recording error and document control}

#### **VOLUNTARY WORK**

- Active participation in activities including fundraising in support of a wide range of charities to raise upto 5% of the total asset.
- Whilst still in India, I organised events such as street play and blood donation camps to raise money to support the elderly and orphans with active participation of 100 people.
- I have also worked as an activity coordinator with the Caern Community Disability Service, the Salvation Army and the Autistic Centre in Edinburgh
- I participated in a marathon(10 miles) for Cancer Research in Middlesbrough.

#### **INTERESTS**

- Listening to music
- Adventurous activities(Trekking, Skydiving)
- Creative Art and Craft
- Travelling
- Socialising with people