

CURRICULUM VITÆ



Professional Objective:

Seeking a research and development job with a biotechnology related organization that will allow me to utilize my skills in communication, analytical thinking and problem solving which will intrinsically help me in achieving greater practical excellence. Seek to work in an environment that will challenge me further; while allowing me to contribute to the continued growth and success of the organization. To lead, challenge and be challenged.

ALFIYA FIRFIRE
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Summary

- Almost 3 years of experience in Healthcare Industry in the areas of Quality control, Laboratory Testing, Operation & maintenance of biomedical equipment.
- Faced two NABL Audit
- Followed biomedical safety guidelines and documentation for quality control
- Involved in training program and biomedical conferences
- Involved in decision making internal activities for sample testing

Work Experience

➤ **Global Hospital and Metropolis Healthcare Limited**

Working as Senior Scientific Officer in Transplant Immunology and Immunogenetics since October 2015

Job responsibilities:

- Performing Molecular Biology Techniques like Extraction of DNA, PCR Amplification, Fluorescence Labeling, Reading through Luminex and Interpretation of result.
- Performing Serology Techniques like Cross Matching using Terasaki plates and Plate based Assays like Donor Specific Antibody Test and Panel Reactive Antibody Test
- Phlebotomy
- Routine maintenance/Operation of equipment as defined in SOP.
- Quality control procedures as defined in SOP's.
- Specimen processing as per defined SOP's.
- Completion of allocated test protocol within TAT.

- Storage of samples/controls/calibrators before & after investigations performed. ☐
- Documentation of routine quality control/calibrations & maintenance.
- Preview of manuals & SOP's (Read & understood).
- Following safety guidelines / biomedical waste disposal procedures as per guidelines

Internships

- Done a M.Sc. Dissertation project under Dr.Pramod Wangikar, Department of chemical engineering, IIT-Bombay on Dual expression of dehydrogenases for asymmetric reduction of ketone
- Done a short term group project on Production of Biofuel from waste and utilization of biodiesel byproduct for production of PHB.
- One month internship in Microbiology department of Prince Aly Khan Hospital, Mumbai.
- Observer at Jaslok Hospital in the department of Assisted Reproduction and Genetics exposed to cytogenetics diagnostic techniques like G-Banding, Karyotyping, FISH.
 - Hands-on-training and exposed to laboratory techniques like
 - ☐
 - ☐ Polyacrylamide Gel Electrophoresis.
 - ☐ Plant Tissue Culture
 - ☐ Animal Cell Culture
 - ☐ Western Blotting
 - ☐ Affinity chromatography
 - ☐ ELISA
 - ☐ Different molecular biology techniques like Cloning, Genomic Library
 - ☐ Learned various Bioinformatics tools and techniques which helps in designing an experiment and analyzing the results.

Education

- M.Sc. (Biotechnology) from St.Xavier's College- Autonomous (2013-2015)
 - ☐ Semester IV – 76.33%
 - ☐ Semester III - 78.16%
 - ☐ Semester II - 80.13%
 - ☐ Semester I - 73.67%
- B.Sc (Biotechnology) from Jai Hind College, Mumbai – 82.00%
- HSC Science from Jai Hind College, Mumbai – 79.00%
- SSC from Hume High School, Mumbai -87.23%

Extra-curricular activities

- Attended an National seminar on Entrepreneurship in Biotechnology (2nd August 2014)
- Attended UGC Interdisciplinary National Bioscience Seminar (26-27 November 2010).
- Attended Research meet in “Biotechnology, Environmental science and photochemical” (10th December 2010).
- Participated in various intercollegiate festivals like Genaces, Chimera, and Paradigm.
- Gone for an Industrial visit to various organizations like Biocon, Mother dairy, Morarka Organic Food Limited, Sewage Treatment Plant, Birla Institute of Scientific Research, Maharana Pratap University of Agriculture ant technology, Saras Dairy, Hindustan Unilever.
- Passed MS-CIT course with 88.00%.

Personal details

- Name- Alfiya Haroon Firfire.
- Gender- Female.
- Nationality- Indian.
- Date of birth- 01st April 1992.
- Address- Flat no – 102, Supreme Heritage, Phase – I, Taloja, Navi Mumbai.
- Few words to describe myself- Determination and working with meticulous approach are my strengths. Always ready to take up challenges and producing result. Capable of taking initiative and conveying ideas to others.