

Curriculum Vitae

SANA SAIFI

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(110019)

DOB-Aug 12, 2000



EDUCATIONAL QUALIFICATION

Master of Science, Biotechnology

(FIRST DIVISION)

(Jamia Hamdard University, New Delhi)

(2021-2023)

Bachelor of Science, Life Sciences

(FIRST DIVISION)

(CCS University, Meerut, Uttar Pradesh)

(2018-2021)

Senior Secondary-Science Stream

(FIRST DIVISION)

(Indraprastha public school, Baghpat, Uttar Pradesh)

(2017-2018)

Higher Secondary-Science Stream

(First Division)

(Indraprastha public school, Baghpat, Uttar Pradesh)

(2015-2016)

WORK EXPERIENCE

Research trainee

(All India Institute of Medical Sciences, New Delhi)

(Feb 2023-Nov 2023)

Patent Analyst

IP Bazaar (Sister company of Patent wire
Consultants Pvt.ltd, New Delhi)

(Nov 2023- Present)

STRENGTHS /SKILLS

KEY SKILLS ACQUIRED: Technology Transfer & Evaluation, Prior Art Searching, White Space Analysis, Tech Scans, Technology Mining, Patent Landscape Analysis, Magazine Design Inputs.

KEY ACHIEVEMENTS:

- Entirely capable of conducting **Prior art searches** using patent databases such as **IP India, ORBIT, WIPO Patent Scope, Google Patents, Patent Lens, and Pat Seer.**
- Drafting Patents, Drafting of Patent one-pagers, Patent Landscapes, FER and Technology Transfer.
- Improved Excel and PowerPoint skills, developed demand-specific technology scans for several fields of study, and organized the IP League a technology-showcasing event a technology-showcasing event for investor and inventor meetings.
- Comprehending the process of Patent Monetization. Interaction amongst local artisans to file GIs.

WET LAB SKILLS:

Molecular biology- DNA&RNA Isolation, SDS-PAGE & Agarose Gel Electrophoresis, Transformation, Plasmid Isolation, Competent Cell Preparation ,Cloning (PCR, Digestion, Ligation of the gene and plasmid Transformation), Protein Overexpression and Purification, Crystallization, Akta Pure Protein Purification, Animal Handling (Rodents), Plant Tissue Culture.

Biochemistry- Streaking, Plating, Culture Preparation, Gram Staining, Microscopy, ELISA, Blotting, Biochemical Assays, Centrifugation, Affinity and Gel filtration Chromatography, UV-Visible Spectroscopy.

SOFT SKILLS:

Leadership Quality, Multi-Tasking, Excellent Communication & Public Speaking (English & Hindi), Outreach programs for IP Awareness.

ACHIEVEMENTS AND CERTIFICATES

- Topper of the batch 2021, CCS University.
- Participation certificate of 5-day International nutritional Webinar 2022 at St. Joseph's College for Women (Autonomous), Reaccredited by NAAC ISO 9001:2015 Certified Institution, Visakhapatnam, Andhra Pradesh.
- Completed PG Dissertation Project work on **Expression and Purification of Lipoyl Transferase (Lip B) enzyme from Acinetobacter Baumannii** under the guidance of Dr. Punit Kaur (Professor and HOD), Department of Biophysics, AIIMS, New Delhi
- **Publication at International journal of biological Macromolecules** –A comprehensive review on role of Aurora kinase inhibitors (AKIs) in Cancer Therapeutics-Department of Biophysics, All India Institute of Medical Sciences, New Delhi
- **Vascular Micro tissues and Disease Modelling using 3D Bio printing Technology** | March 2023-*Centre for Virology, SIST, Jamia Hamdard*
- **National Conference on “Biotechnology for Sustainable Development and Human Welfare** |November 2022-*Department of Biotechnology, SCLS, Jamia Hamdard*
- **2D Gel electrophoresis and downstream processing for protein identification and characterization** | June 2022-*Centre for Virology(CFV), Jamia Hamdard & Bio-Rad*