

YASH JAIN

July 30, 2002 | + 91-9058531606 | yashjain.bt@gmail.com | www.linkedin.com/in/yashjainbt

CARRER OBJECTIVE

“Looking for an opportunity to utilize my skills and technical knowledge in a way that is both suitable and productive so that I can also grow and learn more.”

EDUCATION

Name of Course	University/Board	Institute	Marks	Year
B.Tech. (Biotechnology)	Dr. A.P.J. Abdul Kalam Technical University, Lucknow.	Meerut Institute of Engineering and Technology, Meerut.	73.8%	2020-2024
Class XII	Central Board of Secondary Education.	K. K. Public School, Meerut.	90.0%	2020
Class X	Central Board of Secondary Education.	K. K. Public School, Meerut.	86.4%	2018

GATE

- Graduate Aptitude Test in Engineering (GATE)-2025: All India Rank- 2901 and Score- 356.

Research / Professional EXPERIENCE

- Junior Research Fellow (JRF)**
AIB, Amity University, Noida
(September, 2025 – December, 2025)
Project Title: EGFR-targeted Affimer recombinant proteins for targeted delivery of siRNA/drug-loaded cubosomes to enhance treatment efficacy for drug-resistant triple-negative breast cancer (Funded by ANRF).
 - Conducting comprehensive **literature reviews** to support the ANRF-funded research initiative.
 - Assisting in **procurement planning** and coordination for **laboratory setup** and **equipment acquisition**.
 - Contributing to **background research** and **experimental workflow design** under faculty supervision.
 - Supporting the preparation of **experimental design plans** for forthcoming studies, including in vitro and in vivo components.
 - Preparing for independent **experimental execution**, **data analysis**, and **scientific reporting** upon laboratory establishment.
 - Animal handling**, including **mice and rat handling**, subcutaneous injections, tail vein injections, blood withdrawal techniques, and dissection.
- Quality Control Specialist**
Consure Medical (QnQ Design & Development), New Delhi
(March, 2024 – June, 2025)
 - Managed key documentation process, including **BOMs**, **Document Change Authorization**, and **Lot Release Testing Protocols** in line with **ISO 13485** standards.
 - Conducted the **Data Analysis** for yearly reports and maintained **First Article Inspection (FAI) Reports & Protocols**.
 - Handled **Post-Market Surveillance** activities, **Supplier Management**, and **Training Documents**.
 - Maintain detailed **Device History Records (DHR)** & Performed **Quality Inspections** on processes and manufactured devices, ensuring regulatory compliance.
 - Assisted in **Clinical Evaluation** activities by supporting data collection, literature review, and report preparation in compliance with EU MDR requirements.
 - Audit Experiences:** **ISO 13485:2016 recertification** audit (3.5 days) conducted by UL; **EU MDR certification** audit (2.5 days) conducted by DQS; **US FDA announced surveillance** audit (3 days, virtual).

TRAINING AND INTERNSHIP

- Summer Trainee Intern** at IIT Guwahati (26 June, 2023 – 26 July, 2023): Worked on the project titled “A Study Examining the Characteristics of Water Obtained from Various Sources” & “Material Synthesis for Pollutant Adsorption”.
- 04 weeks** training program on “Production of Bio-ethanol from Sugarcane Bagasse” at MIET (26th November, 2022 – 26th December, 2022).
- Training Program** on “Scientific Writing” at MIET (16th May, 2022 – 16th July, 2022).

PROJECT

- Project title: **Cytotoxicity Assessment of Lead Acetate and Cobalt Nitrate on MDA-MB-231 Cell Line using MTT dye**, under supervision of Dr. Neha Singh, Dept. of Biotechnology, MIET.
(September, 2023 – May, 2024).
Skills acquired: Cell culture development & maintenance, MTT assay, Data analysis & interpretation, Experimental design & documentation, Regulatory & Ethical considerations, Presentation skills, Collaboration & Supervision.

PUBLICATION

- Surya Prakash DV et al. Genetically Modified Crop Plants: A Review. International Journal of Agrochemistry. 2023; 9(2): 20-26. DOI: <https://doi.org/10.37628/ijac.v9i2.1463>

CONFERENCE

- Poster presentation entitled “A Review on Genetically Modified Crop Plants” in National Conference on “Global Perspective on Scientific & Technology for Sustainable Development” organized by RPS Degree College, Balana, Mahendergarh on 03-04 November, 2023.

SKILLS AND STRENGTHS

Technical Skills	Personal Skills
ISO 13485 Compliance	Quick Learning Capability
Animal Cell Culture Techniques	Good Communication and Leadership Skills
Mice & Rat handling	Analytical and Problem-Solving Skills
Molecular Biology & Biochemical Techniques	Detailed Observation and Logical thinking
Microbial Culture Techniques	Management and Organization skills
Microscopy & Laminar air flow	Good Laboratory Practices and Lab etiquettes
Scientific Writing & Data Analysis Tools	Emotional Intelligence
MS Office	Team Working Skills
Basic Python programming	Adaptability

CERTIFICATIONS

- **ISO 22000. Food Safety Management System** by Udemy: Beginner level, Sep2022.
- **Industrial Biotechnology** by Udemy: Genetic Engineering, Microorganism at industrial level, Enzymatic Biotechnology, Beginner lever, Sep2022.
- **Create Engaging Presentations with Easelly** by Coursera: Hands on Project on Easelly, Aug2022.
- **Associate In IT Foundation Skills (Python)** by Infosys Springboard: Beginner level, May2022.

POSITIONS OF RESPONSIBILITIES & EXTRACURRICULAR

- **Joint Treasurer** at MIET Biotechnology Society (MBS), MIET (2022-23, 2023-24).
- **Joint Secretary** at MIET Biotechnology Society (MBS), MIET (2021-22).
- **Member** at Odyssey Literature Committee, MIET (2020-2024).
- **Student Coordinator in “Kolaahal-2K22”** the annual cultural fest held during 21st-23rd November, 2022 at MIET.
- **Volunteer in the International Seminar** on “Next Generation Technology Interventions Supporting Industry 4.0” held on June 25, 2022 organized by the NDLI Club of MIET, Meerut.
- **Participated in IP Awareness/Training Program** under National Intellectual Property Awareness Mission at MIET on 17 November, 2022.
- **Participated in Health-A-Thon: A Medical Hackathon-2022** from 14th to 16th October, 2022 at MIET.

AREA OF INTEREST

- Targeted Drug Delivery Approaches and Experimental Therapeutics.
- Molecular Biology, Cell Culture Systems, and Cancer Research.
- In vitro and In vivo Research Models for Preclinical Studies.
- Quality Assurance, Process Optimization, and Biotechnology R&D.
- Scientific Documentation, Data Analysis, and Research Interpretation.