

ANANYA RAINA

EDUCATION

Amity University, Noida

2017- 2022

B.Sc. + M.Sc. Biotechnology (Dual Degree)

CGPA(B.Sc.)- 8.88 CGPA(M.Sc.)- 8.76

Army Public School Jammu Cantt (CBSE)

Class 12th (2017)

Percentage: 83%

Class 10th (2015)

CGPA: 9.4

WORK EXPERIENCE

SKILLS

- **Industry knowledge and course strengths**

Quality assurance/Testing, Genetic Databases inc NCBI, SDS PAGE and Restriction Digestion, DNA Isolation and its restriction digestion from sources like plant, blood, Gel electrophoresis, Antibiotic Resistance test(Disk diffusion method and Well method), Media Preparation and Inoculation, Enzyme Extraction(Acid, Base treatment and Steam explosion), Soxhlet extraction, Chromatography

- **Languages**

English, Hindi, French

- **Interpersonal skills**

Analytical mind, Ability to work in group and independently, Good communication and presentation skills, Adaptable

- **Computer skills**

MS excel, MS Powerpoint, MS Word

- **InventIP Legal Services LLP**

Patent trainee

(January 2022-May 2022)

- ✓ Currently working as a Patent trainee in Biotechnology/Life Sciences domain
- ✓ Performed Patent mapping for the project Antibodies/ Antigens that are used against Amyloid beta 1-40 and 1-42.
- ✓ Patent Searches through Google Patents, PatSnap
- ✓ Landscape analysis, FTO searches.

- **The Frontiers Legal**

Intern

(July 2021-Sept 2021)

- ✓ Got well acquainted with the types of Intellectual Property, Patent system in India and documents necessary for filing a patent application.
- ✓ Gained knowledge about PCT system with necessary documents, used PATENTSCOPE, ESPACENET, Indian Patent Office (IPO) website.
- ✓ Gained knowledge of Patent Acts, Rules, Guidelines. Read the FERs, Reply to FERs, Hearing documents and Controllers Decision.
- ✓ Prepared writeup on 2 cases (Refused application and Granted application) from Biotechnology and Traditional Knowledge domains and read the documents pertaining to the case.

CONTACT

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- **Learn to Upgrade
Summer Intern
(May 2021- July 2021)**
 - ✓ Gained an overview of Pharmacovigilance system in India and abroad. Well versed with the reporting system in Pharmacovigilance and preparations of Aggregate Reports- PSUR, PBRER, PADER and DSUR. Thorough knowledge of Signal detection, Active and passive surveillance.
 - ✓ Working of Post marketing Drug surveillance.
 - ✓ Made a review article on “**Pharmacovigilance and Adverse Drug Reactions of Anti-epileptic drugs**”.
- **Apex Laboratories
Quality control Intern
(1st March 2020- 20th March 2020)**
 - ✓ Performed quality control testing of various food products using various techniques like Soxhlet extraction, chromatography, use of muffle furnace and various reagents.
 - ✓ Also worked on isolation and characterization of microbial strains having the potential to grow in canned foods and prepared a research article on the same.
- **Amity Institute of Biotechnology(Enzyme Technology Lab)
Research Trainee- 2019**
 - ✓ Worked under Dr. Smriti Srivastava and gained knowledge of Enzyme Extraction (Acid, Base treatment and Steam explosion) and gained detailed insights about: **Microbial production of xanthan gum from various feedstock byproducts.**
- **Jammu University
Summer Intern
(May-June 2019)**
 - ✓ Learnt basic research techniques of molecular biology like isolation of DNA and RNA, PCR, electrophoresis etc. Antibiotic Resistance testing (disk diffusion and well method), Media preparation, Inoculation.
- **Amity Institute of Biotechnology
Research Trainee
(May-June 2018)**
 - ✓ Worked under the guidance of Dr. Neeta Bhagat to gain wet lab experience and made a report on: Isolation and characterization of Antibiotic Resistant Microbes from sewage water.

ADDITIONAL COURSES

- DL-001 Primer On Intellectual Property- WIPO
- DL101 PCT Distance Learning Course: Introduction to Patent Cooperation Treaty- WIPO
- Clinical Data Management Certification Program- Biotechnika