

MALVIKA EDINA DOROTHY.C

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PATENT ANALYST

Dear Sir/Madam,

As a graduate from University of Madras with a Master of Science degree in Neuroscience, and a Patent Analyst Intern at Indian Institute of Patent and Trademark, I was excited to learn about the Patent Analyst position posted on your company website. Having reviewed the position requirements, which closely align with my qualifications, I am confident that I will be a valuable contributor to your company's goals.

To begin with, I had gained hands-on training in experimental research and animal handling at the University, in addition to research writing and literature review. I worked as a Special Educator, and helped children with Autism, ADHD and Dyslexia especially during the pandemic times. I pursued a Certificate Program in 'Advanced Medical Coding' from Iskills Solutions, Chennai and a 'Job-Oriented Patent Analyst Training Program' from Indian Institute of Patent and Trademark, New Delhi, where my role as a Patent Analyst Intern involved prior art search using various patent search databases such as IPO, EPO, USPTO, WIPO and Google Patents, as well as non-patent search databases such as Science Direct and Google Scholar. Furthermore, I possess sound understanding of patent laws and had gained the skills of prior art and keyword search using appropriate search query, performed infringement analysis, validity search and claim mapping, analysed and compared various patents to create patentability reports, conducted trademark search, and accordingly prepared trademark search reports. I pay attention to detail, and keep myself updated on the latest findings in life sciences through journals, books and videos. My academic experience has greatly contributed to the development of my communication, resilience and ability to learn and grow skills. I excel at communicating both clearly and professionally with colleagues, management and customers, in addition to my ability to organise any written content in a way that's easily readable. The inquisitiveness to learn about various scientific inventions and the passion to create an impact in people's lives, has driven me to pursue a career in the IP sector.

I look forward to speaking to you further and to providing you with details of my background and the qualities that I believe will be an asset to your company's goals. Please take a moment to review the enclosed CV. Thank you for your time and consideration.

Yours sincerely,
[Malvika](#)

MALVIKA EDINA DOROTHY.C



M.Sc Neuroscience Graduate from University of Madras, and a Patent Analyst Intern at Indian Institute of Patent and Trademark, under the guidance of Ms.Cheshta Sharma, Director of IIPITA.

 malvika.edina3199@gmail.com

 Chennai, India

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WORK HISTORY

October 2022 to February 2023

Patent Analyst Intern

Indian Institute of Patent and Trademark, New Delhi, India

- Leveraged team expertise to support analysis and accurate outcomes.
- Gained insights into **Indian, U.S and European Patent laws** in addition to **patent landscape** and **white space analysis**.
- Conducted detailed and exhaustive research on **prior art, validity, patentability, and freedom to operate**, keeping aware of potential infringements.
- Conducted **trademark search** and **patent prior art search** using various databases such as **WIPO,inPASS, USPTO, EPO** and **Google Patent**.
- Conducted prior art search for **non-patent literature** using **Google Scholar** and **Science Direct**.
- Performed **claim mapping** as well as prepared **trademark search and patentability reports**.

January 2022 to March 2022

Medical Coder-Trainee

Iskills Solutions, Chennai, India

- **Report analysis:** Interpretation of medical diagnosis and service reports.
- **Coding:** Assign appropriate medical codes to all diagnosis and services following prescribed coding standards such as ICD-10 and CPT.

SKILLS

- Prior Art Search
- Patent Infringement Analysis
- Patent Law
- Claim Mapping
- Making Patentability Reports
- Literature Review
- Research Writing
- Medical Coding
- Teaching
- Communication Skills
- Innovative, with an eye for detail
- Hardworker and a team player

EDUCATION

M.Sc Neuroscience

University Madras, Chennai

First Class

B.Sc Advanced Zoology And Biotechnology

Women's Christian College, Chennai

First Class

June 2021 to June 2022

Special Educator

Believer's School of Education, Chennai, India

- **Assessments:** Performed learning and behavioral assessments.
- **Assessment reports:** Created assessment reports for children based on their progress during the course, which is essential for inclusion in regular schools.
- **Behavior modification techniques:** Implemented behavior modification techniques to cope with emotional dysregulation and improve student's social, and academic performance.
- **Innovative teaching strategies:** Promoted memory, cognition and language development with hands-on activities and individualized instruction.
- **Team work:** Followed up on meetings and group discussions with co-workers and parents.
- **Supervision of college students:** Supervised and mentored college students during their internship, which involved conducting online assessments and classes for children with special needs and to give suitable feedback based on their performance.

RESEARCH PROJECTS

1) M.Sc

Effects of mild and intense swimming exercise on cognitive functions of male Wistar albino rats.

- **Animal handling:** Handling of male Wistar albino rats in the Animal House Facility, feeding and weighing the rodents and subjecting the rodents to mild and intense swimming exercise.
- **Administration of drugs:** The drugs were administered to the rodents through oral, subcutaneous, intravenous and intramuscular routes.
- **Transcardial perfusion:** Performing transcardial perfusion and dissection of fixed organs after sacrifice.
- **Behavioral assessments:** The cognitive functions of rodents were analysed using behavioral assessments such as Novel Object Recognition, Morris Water Maze, T-Maze and Elevated-Plus Maze.

- **Histological assessments:** Tissue processing, staining procedures, tissue sectioning using rotary microtome were performed, and the sections were observed under the light microscope.
- **Interpretation and analysis of results:** The results of the behavioral assessments were interpreted using Graph Prism software, and one-way ANOVA was the technique utilised to determine the statistical significance of the study.
- **IHC procedures:** Assisted and observed several Immunohistochemistry procedures such as ELISA and Western Blot.

2) B.Sc

Repellent activity of *Periplaneta americana* against odoriferous oils.

- **Animal handling:** Handling of insects such as *Periplaneta americana*.
- **Behavioral assessment:** The repellent activity of insects against various types of odoriferous oils were assessed.
- **Interpretation and analysis of results:** The results of the behavioral assessments were interpreted using Graph Prism software, and one-way ANOVA was the technique utilised to determine the statistical significance of the study.
- **Research writing:** Performed literature survey and drafting dissertation.

CERTIFICATES

1) Job Oriented Patent Analyst Training Program

Indian Institute of Patent and Trademark

2023

2) Advanced Medical Coding

Iskills Solutions

2022

3) Human Behaviour

NPTEL, IIT Guwahati

2022

4) Introduction to Psychology

NPTEL, IIT Kanpur

2022

5) Internship on Laboratory Animal Sciences for Researchers

RUSA Entrepreneurship & Career Hub, University of Madras

2021

6) Psychiatry-An Overview and How the Brain Creates Mind

NPTEL, IIT Kanpur

2021

7) Language and

MindNPTEL, IIT

Kanpur **2020**

8) Neuroscience of Human Movements

NPTEL, IIT Madras

2019

9) Volunteer of N. S.S Special Camp

Villangadupakkam

2018

10) Dyslexia Teacher's Training

Believer's School of Education

2018

11) Rachel Philip Endowment Workshop. Microscope: Its Utility in Cell Studies & Foldscope Outreach Workshop

Women's Christian College

2018

12) On The Job Training

Heavy Vehicles Factory Hospital, Department of Pathology

2017

DECLARATION

I hereby declare that all the information furnished in this document is accurate to the best of my knowledge and belief.