

Ritwik Mukherjee



PERSONAL DETAILS:

Name : Ritwik Mukherjee
Date of Birth : August 7th, 1997
Gender : Male
Marital Status : Unmarried
Nationality : Indian
Present Address : Flat 5, Sayali Terraces, Anand Park, ITI Road, Sanewadi, Aundh, Pune, Maharashtra - 411007
Permanent Address : M-2401, RG Luxury Homes, Bhangel, Greater Noida West, Uttar Pradesh - 201318
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ACHIEVEMENTS & AWARDS:

Registered Indian Patent Agent (IN/PA – 4801)

EDUCATIONAL QUALIFICATIONS:

Qualification	Specialisation	Institution	Passing Year	Percentage/CGPA
SSC	General	Cambridge School, Noida	2013	87.4%
HSC	Phy, Chem, Maths, Bio	Cambridge School, Noida	2015	92.4%
B.Tech	Chemical Engineering	UPES, Dehradun	2019	6.72
PG Diploma	Patinformatics	CSIR – URDIP, Pune	2023	8.4

DATABASES PROFICIENT IN:

1. Orbit Intelligence
2. Derwent Innovation
3. Google Patents
4. Espacenet
5. PatentScope
6. USPTO Patent Search
7. PatBase
8. PatSeer

PROFESSIONAL WORK EXPERIENCE DETAILS:

Sr. No.	Post	Company	Department	Duration
1.	Process Trainee	Mylan Laboratories, Bengaluru	Injectables, Wastewater Treatment	June 2017
2.	Effluent Treatment Trainee	Sun Pharma, Ropar	API Effluent Treatment	June 2018 to July 2018
3.	R & D Process Engineer	Jubilant Life Sciences	R & D, Process Intensification	July 2019 to July 2020
4.	Shift Process Engineer	Jubilant Life Sciences	Production – Lutidine	August 2020 to November 2021
5.	Project Intern	National Research Development Corp.	IPR & Business Development	June 2023 to July 2023
6.	Project Associate - I	CSIR - URDIP	Chemical Sciences	November 2023 to March 2025

PROFESSIONAL SKILLS:

- Search and analysis of patent/non-patent literature
- Types of searches handled: Patentability and Prior Arts, Patent Landscape, Freedom to Operate, Invalidity etc.
- Introductory level Patent and Portfolio Valuation methods
- Knowledge on searching using keywords and search strategies involving classification codes such as CPC, IPC, Derwent Manual codes
- Introductory knowledge on using Vantage Point software for graphical representation of analysed patent data.
- Basic understanding of technology acquisition, due diligence, and patent portfolio licensing using due technology commercialization methods.
- Conduct techno-commercial evaluations for inventions yet to be filed, involving market research and technology assessment for better commercialization and licensing decision making.
- Basic understanding of sourcing, evaluating and acquisition of technologies.
- Basic knowledge of drafting of patents (provisional and complete specifications) along with forms and fees required.
- Core domain knowledge of chemical engineering, including chemical thermodynamics, heat transfer, particulate analysis, equipment design, green chemical engineering, biochemical process engineering and calculations and material energy flow calculations.
- Detailed work on standard-essential patents and their importance in technology landscapes and business development.

PROJECTS UNDERTAKEN:

- Technology & Prior Art Search for portable ethylene generators.
- Patentability Search for dioxins and polychlorinated biphenyl in food.
- Patentability analysis of preparation and use of bioactive glass particles and also of micro or nanofibers thereof.
- Invalidity report on 'single cell hybrid capacitor systems'.
- Valuation studies through citation count.
- Optimization of heating of Pyridine for efficient reaction:
 - The project involved heating of Pyridine before it is reacted with chlorine in a tubular reactor. Due to pilot plant limitations, we calculated an efficient way to heat through metal sheets for uniform heating of Pyridine rather than localised heating to remove problems of material choking in the tubes.

REFERENCES:

- **Mr. Deepak Patil**, Director – Production (Unit 2 & 3), Jubilant Ingrevia Ltd., Bharuch
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- **Dr. Sivakami Abhijit Dhulap**, Senior Principal Scientist, CSIR – URDIP, Pune
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Information provided by me above is true to the best of my knowledge.

Place:

Date: