



# MOUMITA SARKAR

## PATENT ANALYST

### PROFILE

Detailed-oriented Patent Analyst with 1 year of experience in conducting patent searches, analyzing claims, and providing strategic recommendations to enhance patent portfolios and ensure compliance and legal standards. My experience as a researcher with a background in mechanical engineering assists to enhance comprehension of impending IP articles.

### WORK EXPERIENCE

#### TIFAC-DST Fellowship (IIT Kharagpur)

2024 - 2025

##### WISE Internship in IPR programme

- Proficient in conducting patent searches using databases such as Questel Orbit, WIPO, Espacenet, LexisNexis, Google Patents, and USPTO
- Skilled in analyzing patent claims and prior art references to determine patentability by attending Patent review meeting of IIT Kharagpur IP cell
- Familiar with patent prosecution procedures and deadlines
- Knowledge of intellectual property laws and regulations
- Reviewed and analyzed patent landscapes to identify potential opportunities for innovation and development
- Collaborated work with IP cell of IIT Kharagpur to draft patent applications of institute inventors and responses to office actions
- Experienced in drafting Design applications and responding to office actions
- Managed portfolio of Trademarks including tracking deadlines and maintaining accurate records

#### CSIR-CMERI

2019 - 2023

##### Research Fellow

- Fabrication and analysis of the high-temperature self-lubricating inhibited alumina-based composite by evaluating performance of specific wear rate and coefficient of friction
- Published 2 SCI Journal (1st author), 2 Proceeding Journal (1st author), 1 Indian Patent (Granted)
- Under Communication 2 SCI Journal (1st author)
- Under guidance of Dr. Nilrudra Mandal and co-guidance of Shitanshu Shekhar Chakraborty

### REFERENCE

#### Prof. (Dr.) Tapas Kr. Bandyopadhyay

Metallurgical and Materials Engineering  
and IP Cell Head of IIT Kharagpur

Phone: +91 9475658924

Email ID: tapas@rgsoipl.iitkgp.ac.in

#### Prof. (Dr.) Padmavati Manchikanti

Rajiv Gandhi School of Intellectual  
Property Law of IIT Kharagpur

Phone: +91 9434743672

Email ID : mpadma@rgsoipl.iitkgp.ac.in

### CONTACT

+91-9903988931

Google Scholar ID: <https://scholar.google.com/citations?user=rjoT7U4AAAAJ&hl=en>

moumitasarkarkalyani@gmail.com

Kalyani, West Bengal

### EDUCATION

2019 - 2023

#### CSIR-CMERI, DURGAPUR

- PhD (Engineering)
- Thesis Title: High Temperature Self-lubricating Reinforced Zirconia Toughened Alumina Composites for Wear Resistance Applications

2016 - 2018

#### KALYANI GOVT. ENGINEERING COLLEGE

- Master of Technology (Production Engineering under Mechanical Engineering Department)
- CGPA : 8.43/10

2011 - 2015

#### M.A.K.A.U.T. (KOLKATA)

- Bachelor of Technology (Mechanical Engineering)
- CGPA: 8.32/ 10

### SKILLS

- Patent Prosecution
- Patent Analysis
- Legal Drafting
- Infringement Analysis
- Patentability Assessment
- Prior-art Search
- Patent Landscaping
- Design Drafting
- Design Searching
- Trademark Searching

### LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Bengali (Fluent)