

ABHAY KUSHWAHA

abhaykushwaha.tilkhan@gmail.com | (+91) 9137052096

 www.linkedin.com/in/abhay-EC

WORK EXPERIENCE

❖ **3AIP Services Pvt. Ltd. | Zirakpur, Punjab | Patent Research Analyst - Trainee |**

(Feb. 05, 2024 – Aug. 02, 2024)

- Conduct comprehensive prior art, patentability, invalidation, and state-of-the-art searches.
- Perform freedom-to-operate (FTO) searches to identify potential patent infringement risks.
- Utilize databases like Google Patents, Espacenet, Patseer, WIPO, Google Scholar, and PubMed.
- Analyze search results and prepare detailed reports for clients.
- Collaborate with team members to provide insights on technological advancements and patent laws.

TECHNICAL SKILLS

- ❖ **Patent Searching:** Prior Art, Patentability, Invalidation, Infringement, FTO, State of Art
- ❖ Chart Indexing | Mapping | Color Coding
- ❖ Patent Searching | Prior Art Search
- ❖ IPR Knowledge
- ❖ **Patent Databases:** Google Patents, Espacenet, Patseer, WIPO
- ❖ **NPL Databases:** Google, Google Scholar, PubMed
- ❖ **Editing Software:** MS Office (Word, PowerPoint, Excel, Paint)
- ❖ **Academic Skills:** Semiconductor, Communication System, Embedded System, VLSI Design
- ❖ **Soft Skills:** Teamwork, Collaboration, Self-Motivation, Communication, Discipline

EDUCATION

- ❖ **B.Tech** | Electronics & Communication Engineering | CGPA: 7.03 | (2020-2024)
Indira Gandhi Govt. Engineering College Sagar (M.P.)
- ❖ **XII (MPBSE)** | Saraswati Shishu Vidhya Mandir H.S. 85.6% | 2020
School Baikunthpur Rewa (M.P.)

ACADEMIC PROJECTS

- ❖ **Project I: "Wi-Fi Robot Car"**
 - Developed a Wi-Fi-controlled robot car using Arduino, integrating IoT and embedded systems for remote operation and obstacle detection.
- ❖ **Project II: "Voice Operated Robot Car"**
 - Created a voice-operated robot car with Arduino and IoT, incorporating speech recognition technology for hands-free control
- ❖ **Project III: "Inbuilt Car Alcohol Sensor"**
 - Designed a system using Arduino and IoT to detect alcohol levels in the driver's breath and prevent the vehicle from starting if levels are too high.

POSITION OF RESPONSIBILITY / HOBBIES

- ❖ **Under Officer** | National Cadet Corps (NCC), 11MP BN NCC Sagar | (2021-2024)
- ❖ Experimenting with rejected e- gadgets & Listening Songs