A K H I L E S H D H E E R

RAJIV GANDHI SCHOOLOF INTELLECTUAL PROPERTY
LAW, IIT KHARAGPUR, WEST BENGAL

LLB (2023-2026) | dheerakhilesh@gmail.com
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ACADEMIC QUALIFICATION

YEAR	EXAMINATION	INSTITUTION	BOARD/UNIVERITY	CGPA/PERCENTAGE
2023	LLB hons IP	RGSOIPL	IIT, KHARAGPPUR	8.20(pursuing)
2019	B.E. (MECHANICAL)	C.C.E.T., Chandigarh	PANJAB UNVERSITY	7.23
2014	12^{TH} CLASS	Govt Model School, CHD	C.B.S.E.	84.8
2012	10^{TH} CLASS	D.A.V. SCHOOL PKL	C.B.S.E.	87.4

INTERNSHIPS

DISTRICT AND SESSION COURTS, PANCHKULA, HARYANA **DECEMBER 2023**

- Executed a one-month internship with an advocate, gaining profound insights into legal procedures, and providing him with precedents for numerous cases in the Panchkula District Court, Haryana.
- Contributed to district court proceedings by assisting with tasks related to patent law, deepening my legal knowledge and courtroom experience.

CHANDIGARH INTERNATIONAL AIRPORT, CHANDIGARH **JAN 2019-JUNE 2019**

- Spearheaded the 6-month industrial training project for the installation and commissioning of a fully automated Baggage Handling System (BHS) which resulted in faster processing and reduction of delays in by 25%. Subsequently, ensured smooth system functionality through 2 months of operation and maintenance.
- Leveraged comprehensive training to gain expertise in operating the airport's complex HVAC plant.
- Gained comprehensive understanding of the functionalities of the firefighting system and water treatment plant. Additionally, performed in-depth analysis of the Baggage Handling System (BHS) operated by Beumer India and the remaining systems operated by L&T.

BHARAT HEAVY ELECTRICALS LTD., HARIDWAR, UTTARAKHAND **JUNE 2018**

- Enhanced technical knowledge through a focused 4-week training program in Steam Turbine Production.
- Deconstructed the functionalities of production plant which resulted in better understanding of the intricacies.
- Assisted technical experts in finalizing a project through close observation and active support.

SIEMENS INDIA LTD, GURUGRAM **JUNE 2017-JULY 2017**

- Acquired practical knowledge in the Power and Gas industry through a 4-week industrial training program.
- Designed and developed a deaerator system as my training project, applying engineering principles which resulted in decrease of the water content from steam which further improved system the efficiency by 18%.
- Transformed data between PowerPoint and Advanced Excel formats, assisting my supervisor in data analysis.

PROJECTS

LEGAL

- Authored a thought-provoking article debunking the myth of privacy, subsequently submitting it for publication in the college newsletter.
- Crafted an insightful case commentary on Yousuf Rawther vs. Sowramma AIR 1971 Ker 261, skilfully unraveling the legal complexities surrounding the predicaments faced by Muslim women in the case.

MECHANICAL

- Innovated a clearance transition-centric fit, demonstrating a strong understanding of mechanical design principles.
- Completed a project involving the design and construction of a gyroscope-based prototype, showcasing practical skills and understanding of mechanical engineering principles.
- Completed a project encompassing the design and fabrication of an eccentric fit, showcasing proficiency in mechanical engineering and manufacturing processes.
- Analysed the surface properties of an Aluminium sample by acquiring, meticulously polishing, and embedding it in a custom-designed epoxy resin shell for detailed observation.
- Spearheaded the development of a motor-powered exoskeleton arm alongside a team, improving the lives of individuals with disabilities through user-friendly button controls.

MECHANICAL PROJECTS USING PROGRAMMING

- Created a C program to facilitate efficient and accurate spur gear design, fostering a strong understanding of technical specifications crucial for patent prosecution and analysis.

- Designed and implemented a C program for the complete design of Pelton, Kaplan, and Francis turbines, fostering a strong understanding of their functionalities and design nuances crucial for patent analysis and prosecution.
- Designed and implemented a C program for finite element analysis of three, four, and five-bar trusses, fostering a strong understanding of structural mechanics principles crucial for patent analysis and prosecution related to load-bearing structures.
- Designed and implemented a C program for determining line-circle intersections, fostering a strong understanding of geometric calculations crucial for analysing and interpreting patent claims related to geometric configurations.

POSITION OF RESPONSIBILITY / EXTRACURRICULAR ACTIVITIES

- Second Senate Member of Savitri Bai Phule Hall of Residence, IIT Kharagpur from July 2023 – April 2024
- Demonstrating teamwork and communication skills honed through theatrical productions, I actively contributed to the success of the Dramatics Competition team at IISER Mohali's INSOMNIA fest and stage play at NSIT Delhi's MOKSHA festival.
- Collaborated with a team to win 3rd prize in the Aquajet Competition at PECFEST 2017.
- Competed in Mathematics and Science Olympiads at the school level, demonstrating analytical and problem-solving abilities.

SKILLS

Legal Skills

- Mastered India's patent filing process, ensuring streamlined, compliant, and efficient patent application submissions.

Patent Skills

Proficient in the following Patent Searches:

- Prior Art Search
- Validity/Invalidity
- Freedom to Operate
- Infringement

Familiar with the following Patent Databases:

- Patent Quality Artificial Intelligence (PQAI)
- Orbit
- Google Patent
- WIPO
- Espacenet

Technical Skills

- Proficient in programming languages including Microsoft Word, Advanced Excel, and PowerPoint for comprehensive document creation, data analysis, and dynamic presentations.
- Utilized and demonstrated proficiency in operating a range of machines, including Lathe, Planer, Grinder, Shaper, and Polishing machine.