

Patent Portfolio: Innovative Solutions for a Better Future

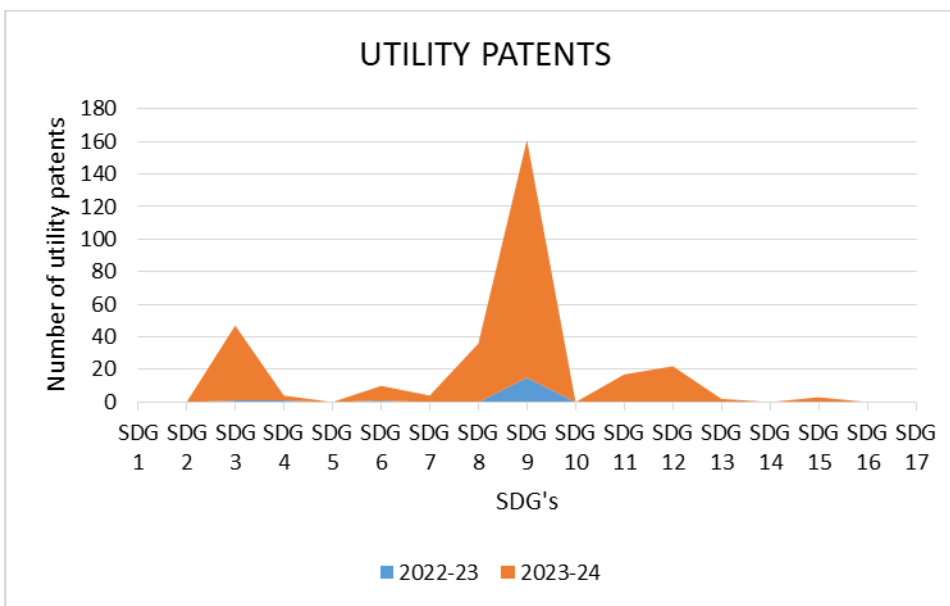
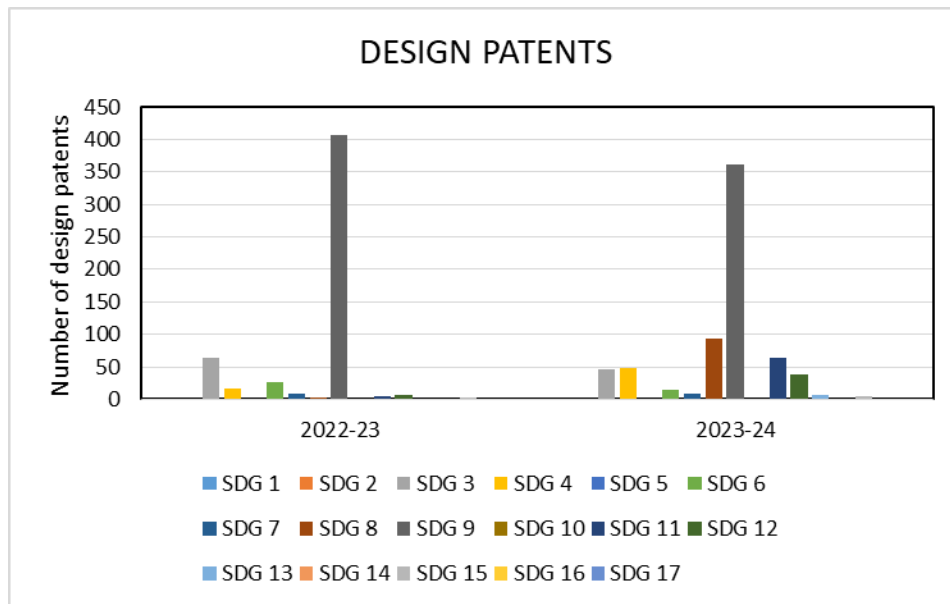
Innovation is deeply embedded in Chitkara University's ethos. The university has been actively filing patents that not only demonstrate the ingenuity of its faculty and students but also address some of the world's most pressing challenges. The **2023-2024** period has seen a number of patents filed across diverse industries, from healthcare to environmental technology.

Notable Patents Filed:

- 1. Multi-Purpose Walker with Foldable Seats and Dual Braking System:-**
This innovative device offers a versatile solution for elderly and disabled individuals, providing both mobility and seating options. It addresses **SDG 3 (Good Health and Well-being)** by improving the quality of life for the elderly and disabled, and **SDG 9 (Industry, Innovation, and Infrastructure)** by contributing to innovative healthcare technologies.
- 2. Water Cooler to Prevent Wastage of Water: -** Aimed at addressing water conservation, this patent focuses on an innovative cooling system that prevents unnecessary water wastage, contributing to **SDG 6 (Clean Water and Sanitation)** and **SDG 13 (Climate Action)**. Such patents exemplify the university's commitment to sustainability and environmental responsibility.
- 3. Socket Slider: -** This patent introduces a sliding mechanism to improve the safety and functionality of electrical sockets, addressing **SDG 9 (Industry, Innovation, and Infrastructure)** and **SDG 11 (Sustainable Cities and Communities)** by enhancing infrastructure safety and energy efficiency in homes and businesses.
- 4. Portable Mobile Holder Clamp on Adapter: -** An innovative solution for mobile users, this portable clamp addresses user comfort and device safety. It further contributes to **SDG 9 (Industry, Innovation, and Infrastructure)** by promoting accessibility and usability of technology in daily life.

Collaborative Research and Development: Chitkara University encourages interdisciplinary collaborations and works closely with industry leaders, research institutions, and government bodies to enhance the commercialization of patented technologies. The university actively promotes innovation through

various incubation centers and research initiatives, providing platforms for students and faculty to translate ideas into tangible solutions.



Global Impact: With a robust portfolio of patents, Chitkara University is not only making strides in national research but also contributing globally. By offering practical and implementable innovations, the university is positioning itself as a key player in the international research landscape.