







DEPARTMENT OF MECHANICAL ENGINEERING

ISLAMIC UNIVERSITY OF SCIENCE AND TECHNOLOGY



PATENT DETAILS (YEAR-WISE)

 YEAR	 PATENT NUMBER / DESIGN REGISTRATION NO.	 TITLE OF THE PATENT / DESIGN	 NAME OF THE PATENTER / DESIGNER(S)
2026	375967-001	Double rotary inverted pendulum	<ul style="list-style-type: none">Islamic University of Science and TechnologyTufail Ahmad BhatMajid Hameed Koul
2025	202511000998 A	Design and Development of Portable Steam Ice Drill	<ul style="list-style-type: none">Arif Ah NajarAkash BashirSyed Mahi KananOvais GulzarSyed Wajahat AltafCIED IUST Foundation
2025	202511000997 A	TRUFT: Transfer with rapid unfettered fluidity and tranquility	<ul style="list-style-type: none">Majid H KoulSaqib AltafZain Bin FerozCIED IUST FoundationPeerzada Zubair
2025	202511001001 A	GSTAR: Gyroscopic stabilization system for anti-roll control of marine vessels	<ul style="list-style-type: none">Majid H KoulSabaahat BashirMohammad Rizwan RatherCIED IUST Foundation
2024	202411056540A	Composite cricket bat with enhanced mechanical strength and improved stroke play	<ul style="list-style-type: none">Mehnaz RasoolUmer MudasirMohammad Junaid MirArif JameelAvaz Hassan MoonCIED IUST Foundation
2023	439468	A multi tubular metal hydride reactor with an integrated buffer storage	<ul style="list-style-type: none">Sharma PratibhaNitinGupta NandlalMahvash AfzalTiwari Saurabh
2023	367227-001	Knee exoskeleton for assistive walking	<ul style="list-style-type: none">Islamic University of Science and TechnologyMahshida HamidMajid Hameed Koul
2023	367226-001	Rotary inverted pendulum setup	<ul style="list-style-type: none">Islamic University of Science and TechnologyTufail Ahmad BhatDr. Majid Hameed Koul
2022	105692	Frugal mechanical ventilator with vertical actuation	<ul style="list-style-type: none">Islamic University of Science and TechnologyAsif ShahZulqarnainDr Majid H KoulPeerzada Shoab Hamid
2021	105498	Frugal mechanical ventilator with horizontal actuation	<ul style="list-style-type: none">Islamic University of Science and TechnologyAsif ShahZulqarnainDr Majid H KoulPeerzada Shoab Hamid
2019	337	Haptic Kit	<ul style="list-style-type: none">Islamic university of science and technologyDr Majid H KoulZulqarnain