



DEPARTMENT OF MECHANICAL ENGINEERING ISLAMIC UNIVERSITY OF SCIENCE AND TECHNOLOGY

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 Technology (IUST) ➤ Tufail Ahmad Bhat ➤ Majid Hameed Koul
	202511000998 A	Design and Development of Portable Steam Ice Drill	<ul style="list-style-type: none"> ➤ Arif Ah Najar ➤ Syed Mahi Kanan ➤ Syed Wahajat Altaf ➤ Akash Bashir ➤ Ovais Gulzar ➤ CIED IUST Foundation
2025	202511000997	TRUFT: Transfer with rapid unfettered fluidity and Tranquillity	<ul style="list-style-type: none"> ➤ Majid H Koul ➤ Zain Bin Feroze ➤ Peerzada Zubair ➤ Saqib Altaf ➤ CIED IUST Foundation
	202511001001	GSTAR: Gyroscopic Stabilization System for Anti roll Control of Marine Vessels	<ul style="list-style-type: none"> ➤ Majid H Koul ➤ Mohammad Rizwan Rather ➤ Sabaahat Bashir ➤ CIED IUST Foundation
2024	202411056540 A	Composite Cricket Bat with Enhanced Mechanical Strength and Improved Stroke Play	<ul style="list-style-type: none"> ➤ Mehnaaz Rasool ➤ Mohammad Junaid Mir

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			<ul style="list-style-type: none">➤ Avaz Hassan Moon➤ Umer Mudasir➤ Arif Jameel➤ CIED IUST Foundation
	439468	A Multi Tabular Metal Hydride Reactor with integrated Buffer Storage	<ul style="list-style-type: none">➤ Sharma Pratibha➤ Gupta Nandlal➤ Tiwari Saurabh➤ Nitin➤ Mahvash Afzal
2023	367227-001	Knee Exoskeleton for Assistive Walking	<ul style="list-style-type: none">➤ Islamic University of Science and Technology (IUST)➤ Mahshida Hamid➤ Majid H Koul
	367226-001	Rotary Inverted Pendulum Setup	<ul style="list-style-type: none">➤ Islamic University of Science and Technology (IUST)➤ Tufail Ahmad Bhat➤ Majid H Koul
2022	105692	Frugal Mechanical Ventilator with Vertical Actuation	<ul style="list-style-type: none">➤ Islamic University of Science and Technology (IUST)➤ Zulqarnain➤ Asif Shah➤ Peerzada Shoaib Hamid➤ Majid H Koul

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2021	105498	Frugal Mechanical Ventilator with Horizontal Actuation	<ul style="list-style-type: none">➤ Islamic University of Science and Technology (IUST)➤ Zulqarnain➤ Asif Shah➤ Peerzada Shoaib Hamid➤ Majid H Koul
2019	337	Haptic Kit	<ul style="list-style-type: none">➤ Islamic University of Science and Technology (IUST)➤ Zulqarnain➤ Majid H Koul

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