

**List of Intellectual Property Rights (IPR) – Design Registrations**

Sr. No.	Name of the Faculty	Title	Publisher	Publication Date
1	Hari Vasudevan, K.N Vijaya Kumar, Ramesh Rajguru	Modular Drone Frame	The Patent office, Government of India	24-09-2026
2	Hari Vasudevan, K.N Vijaya Kumar, Rajnarayan Yadav	Brake By Wire System	The Patent office, Government of India	05-08-2026
3	Hari Visudevan, Dhaval Birajdar	Portable Physiotherapy Device	The Patent office, Government of India	23-07-2026
4	Hari Visudevan, Atul Dhale	Autonomous Underwater Vehicle (AUV) For Waste Collection	The Patent office, Government of India	15-07-2026
5	Hari Vasudevan, K.N Vijaya Kumar, Rohitkumar Chaurasia	Sports Playing Robot	The Patent office, Government of India	09-07-202
6	Hari Vasudevan, K.N Vijaya Kumar, Bronin Cyriac	Chassis for Electric Vehicle	The Patent office, Government of India	02-07-2026
7	Hari Vasudevan, K.N Vijaya Kumar, Rajnarayan Yadav	Manually Actuated Steering Assembly	The Patent office, Government of India	24-06-2026
8	Hari Vasudevan, K.N Vijaya Kumar, Vinayak H. Khatawate, Vinit Katira	Single-Circuit Hydraulic Brake Master Cylinder	The Patent office, Government of India	18-06-2026
9	Hari Vasudevan, K.N Vijaya Kumar, Greegory Mathew	Wheel Knuckle for Steering Assembly	The Patent office, Government of India	05-06-2026
10	Hari Vasudevan, Vinayak H. Khatawate	Automatic Staircase Climber	The Patent office, Government of India	04-06-2026
11	Hari Vasudevan, K.N Vijaya Kumar, Vinayak H. Khatawate, Bronin Cyriac	Knuckle Joint for EV	The Patent office, Government of India	02-06-2026
12	Hari Vasudevan, K.N Vijaya Kumar, Rohitkumar Chaurasia	Vertical Spinner	The Patent office, Government of India	29-05-2026
13	Hari Vasudevan, K.N Vijaya Kumar	Aerodynamic Fairing for EV Bike	The Patent office, Government of India	08-01-2026



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14	Hari Vasudevan, K.N Vijaya Kumar, Dharam Vasant Ranka	Go-Kart – Brake Rotor	The Patent office, Government of India	22-12-2025
15	Hari Vasudevan, K.N Vijaya Kumar, Dharam Vasant Ranka	Go-Kart Chassis	The Patent office, Government of India	01-01-2026
16	Hari Vasudevan, K.N Vijaya Kumar, Vinit Katira, Vinayak H. Khatawate	Electric Race Car Chassis	The Patent office, Government of India	01-01-2026
17	Hari Vasudevan, K.N Vijaya Kumar, Bronin Cyriac	Compact Solar EV Chassis	The Patent office, Government of India	11-12-2025
18	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar	Chassis for Electric Motorcycle	The Patent office, Government of India	25-07-2024
19	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Shashikant Manjabapu Auti	Wing Mounted Landing Gears Set	The Patent office, Government of India	29-04-2024
20	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Bronin Cyriac	Chassis with a Three Wheel Space for a Solar Electric Vehicle	The Patent office, Government of India	26-04-2024
21	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Shashikant Manjabapu Auti	Remote Control Miniature Aircraft	The Patent office, Government of India	22-03-2024
22	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Vinit Katira	Composite Anti Intrusion Plate	The Patent office, Government of India	15-03-2024
23	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar	Electronic Continuous Variable Transmission Device	The Patent office, Government of India	15-03-2024
24	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Mr. Dharam Ranka	Electric Go Kart	The Patent office, Government of India	01-03-2024
25	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Mr. Dharam Ranka	Steering Stub Axle	The Patent office, Government of India	21-02-2024
26	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Prof. Rajnarayan Yadav	Gearbox Casing for All Terrain Vehicle	The Patent office, Government of India	21-02-2024
27	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Prof. Prasad Shirodkar	Windmill Blades	The Patent office, Government of India	21-02-2024



28	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Vinayak H. Khatawate, Kartik Ajugia	Smart Backpack for Trekking	The Patent office, Government of India	25-01-2024
29	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Greegory Mathew	Duct for Wind Turbine	The Patent office, Government of India	19-01-2024
30	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Prof. Rajnarayan Yadav	Single Stage Open Differential (Set)	The Patent office, Government of India	12-01-2024
31	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Shashikant Manjabapu Auti	Carbon Fiber Suspension Arms for FSAE Car	The Patent office, Government of India	05-01-2024
32	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Prof. Rajnarayan Yadav	Variable Gear Transmission Device	The Patent office, Government of India	04-01-2024
33	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Greegory Mathew	Upright for Electric Vehicle	The Patent office, Government of India	04-01-2024
34	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar	Waste Segregation Machine	The Patent office, Government of India	01-12-2023
35	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Shashikant Manjabapu Auti	Rear Pin Locking for Aircraft Control	The Patent office, Government of India	03-08-2023
36	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Greegory Mathew	Adjustable Prosthetic Adapter	The Patent office, Government of India	13-07-2023
37	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Vinit Katira	Square Frustrum Impact Attenuator	The Patent office, Government of India	13-06-2023
38	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Vinayak H. Khatawate, Kartik Ajugia	Tree Shaped Forest Fire Combat System	The Patent office, Government of India	06-06-2023
39	Dr. K.N Vijaya Kumar, Dr. Hari Vasudevan, Mr. Dharam Ranka	Chassis for Electric Vehicle Gokart	The Patent office, Government of India	24-05-2023
40	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar	Semi Autonomous Fire Fighting Vehicle	The Patent office, Government of India	24-05-2023
41	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Greegory Mathew	Monocoque Chassis of an Electric Vehicle	The Patent office, Government of India	23-05-2023



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42	K.N Vijaya Kumar, Dr.Hari Vasudevan, Bronin Cyriac	Ergonomic Wheel Hub Assembly	The Patent office, Government of India	23-05-2023
43	Dr. K.N Vijaya Kumar, Dr. Hari Vasudevan, Mr. Dharam Ranka	Aerodynamic Go-Kart	The Patent office, Government of India	11-05-2023
44	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Rajnarayan Yadav	Steering Wheel Joint	The Patent office, Government of India	05-03-2023
45	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar	Swingarm with Linkages for Electric Motorcycle	The Patent office, Government of India	21-04-2023
46	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Prof. Rajnarayan Yadav	Standard Cycle	The Patent office, Government of India	17-08-2022
47	Dr. K.N. Vijaya Kumar, Dr. Hari Vasudevan, Mr. Prashant Frank Crasta	Automated Solar Powered Grass Cutter	The Patent office, Government of India	02-08-2022
48	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar, Prof. Vinit Katira	Torque Enhancer	The Patent office, Government of India	12-05-2022
49	Dr. Hari Vasudevan, Dr. K.N Vijaya Kumar	Solar Assisted Hybrid Go-Kart	The Patent office, Government of India	11-01-2022
50	Dr. Hari Vasudevan, Dr. K. N Vijaya Kumar	Electric Sports Bike	The Patent office, Government of India	11-05-2021
51	Dr. K.N. Vijayakumar, Dr. Hari Vasudevan, Prof. Rajnarayan Yadav	Stabilizer Spindle for Four-Wheelers	The Patent office, Government of India	15-07-2020
52	Dr. Hari Vasudevan, Dr. KN. Vijaya Kumar	Frame of a Motorbike	The Patent office, Government of India	15-07-2020
53	Dr. K.N. Vijaya Kumar, Dr. Hari Vasudevan, Mr. Bronin Cyriac	Spindle for Vehicles	The Patent office, Government of India	06-05-2020
54	Dr. Hari Vasudevan, Dr. K.N. Vijaya Kumar, Prof. Vinit Katira	Intake Manifold for Two-Wheeler Engines	The Patent office, Government of India	06-05-2020
55	Hari Vasudevan, K.N Vijaya Kumar, Rajnarayan Yadav	Fire Extinguishing Equipped Life-Saving Drone	The Patent office, Government of India	15-09-2019