

New Horizon College of Engineering
Department of Electrical and Electronics Engineering
Patent Publication Details for the AY 2024-25

Sl. No.	Name of the Inventor	Application No.	Date of Application Submitted	Title of Patent	Published/G ranted	Publication Date
1	Vinoth Kumar K, Manjunatha	202541013310	17-02-2025	DESIGN OF AIR QUALITY SMART DIAGNOSIS DEVICE FOR DOORS	Published	07/03/2025
2	Vinoth Kumar K, Revathi V	202541013311	17-02-2025	DESIGN OF VOLTAGE DIAGNOSIS DEVICE FOR SMART CITY	Published	07/03/2025
3	Dr.R.Mohandas, Rajesh A, Jayasourya U, S Suhel Ahmed, Sanjay Sree Varshan S, Raghunanda K S	202541013297	17-02-2025	SUSPENSION-INTEGRATED ENERGY HARVESTING SYSTEM FOR VEHICLES	Published	07/03/2025
4	Satish Kumar D, Chaudhary Manas Ray,Thippeswamy S, Divyasree P	202541013292	17-02-2025	AUTOMATIC HEADLIGHT CONTROL SYSTEM BASED ON AMBIENT LIGHT CONDITIONS FOR VEHICLES	Published	07/03/2025
5	Sunil S K, Mohan Das, Sudeep J, Kavayshri K, Sujan Kumar V, Shreyas R Srinivas	202541013283	17-02-2025	A VENTILATION SYSTEM FOR SMART TREKKING SHOE	Published	07/03/2025
6	Dr. Mohan Das.R, Dr. Sujitha.S	202441081796	26-10-2024	SILENT CHAIN FOR ENHANCED E -BIKE PERFORMANCE	Published	08-11-2024
7	Dr.Sujitha S, K Jagan, Kavin N,Preetham Raj S, R Gagana, Roshan P, Tirotaman K	202441081787	26-10-2024	SAFETY INTEGRATED MULTI-PIN HARNESS SYSTEM FOR TWO WHEELERS	Published	08-11-2024
8	Vinoth Kumar K, Vinod Kumar S	202441071505	21-09-2024	DESIGN OF WEARABLE ELECTROCARDIOGRAM MONITORING DEVICE FOR REMOTE CARDIAC HEALTH MANAGEMENT	Published	04-10-2024
9	Vinoth Kumar K	202441071501	21-09-2024	DESIGN OF MONITORING VOLTAGE IN BATTERIES USING IOT	Published	04-10-2024
10	Mausri Bhuyan, Soumya K V	202441071493	21-09-2024	DESIGN OF TWO-PROBE NEURODIAGNOSTIC EEG SYSTEM	Published	04-10-2024
11	Vinoth Kumar K, Rishab R, Shashank B S, Uday A Kammar	202441071480	21-09-2024	DESIGN OF SMART STREET LIGHT WITH INBUILT COLLISION WARNING SYSTEM	Published	04-10-2024
12	Vinoth Kumar K,Vinod Kumar S	202441071471	21-09-2024	DESIGN OF SMART INDOOR AIR QUALITY MONITORING DEVICE FOR HEALTHCARE SYSTEM	Published	04-10-2024
13	Vinoth Kumar K,Sangeetha C N	202441071469	21-09-2024	DESIGN OF MOTORIST TIREDNESS RECOGNITION AND VIGILANT SYSTEM	Published	04-10-2024
14	Sangeetha C N, Vinoth Kumar K	202441071468	21-09-2024	DUAL AXIS SMART SOLAR TRACKING FOR EV CHARGING STATION	Published	04-10-2024
15	Vinoth Kumar K	202441071466	21-09-2024	DESIGN OF AN SMART RECHARGEABLE PUSH-BIKE	Published	04-10-2024

16	Vinoth Kumar K	202441071465	21-09-2024	DESIGN OF PORTABLE FREEZER FOR PASTORAL PROCESS	Published	04-10-2024
17	Vinoth Kumar K	202441071464	21-09-2024	A DESIGN OF PARALYSIS HEALTHINESS ADMINISTRATION FOR HOSPITALS	Published	04-10-2024
18	Vinoth Kumar K	202441071463	21-09-2024	DESIGN OF WASTE SEGREGATION BIN IN SMART CITIES	Published	04-10-2024
19	Vinod Kumar S, Dr. Vinoth Kumar K,	202441071472	21.09.2024	DESIGN OF SMART BALANCED BATTERY SYSTEM	Published	27-09-2024
20	Soumya K V, Dr. Vinoth Kumar K, Sangeetha C N, Dr. Mausri Bhuyan, R	202441071492	21.09.2024	DESIGN OF HARNESSING HIGHWAY WIND FOR SUSTAINABLE LIGHTING SOLUTIONS USING VERTICAL AXIS WIND TURBINES	Published	27-09-2024
21	Sujitha S, Harshika, Disha M, Hemavathi V, Aamna Nafiza	202441060554	10-08-2024	A DESIGN OF ANIMAL MONITORING AND PREVENTION IN THE HILLY AREA LOCATED FARMS	Published	23-08-2024
22	Agalya V ,Raji Pillai, Sridhara G, Anjana Radhakrishna, Mallika D S, Annapoorana M	411167-001	21-03-2024	MOVABLE WIRELESS REFRIGERATOR	Granted (178104)	16-08-2024
23	B. Manimekala, A R Deepti, Farzeen, Vivek K, Agalya V, Basith	422801-001	10-07-2024	SENSORY BASED SMART SANDAL FOR BLIND	Granted (178304)	21-08-2024