## Hindusthan College of Engineering and Technology



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## DEPARTMENT OF AGRICULTURAL ENGINEERING

S. No.	Name of the Faculty (Author)	Patent Title	Application Number	Filed Date	Published Date	Granted Date
1	Dr. Sridhar N	Polyester Resin Loaded Nanocomposite material for Carbondioxide sequestration and the method of preparation thereof	2020411044259	10.12.2020	16.10.2020	6/8/2022
2		Utilization of food waste into useful products	202241028206	5.17.2022	5.27.2022	-
3		Development of a manually adjustable sweep cum multiple pulverizing roller dryland weeder for wide	202241028211	5.17.2022	5.27.2022	-
4		Development of coconut harvesting tool	202241028204	5.17.2022	5.27.2022	-
5		Modification and Ergonomical evaluation of conoweeeder	202241028221	5.17.2022	5.27.2022	-
6		Development of a smart system for monitoring un hydroponic farming ecosystem	202241028245	5.17.2022	5.27.2022	-
7		Watershed modelling using ArcGIS	202241028207	5.17.2022	5.27.2022	-
8		Design of early warning agricultural drought detection system	202241028234	5.17.2022	5.27.2022	-
9		Ultrasonic repeller for field birds, rats and pest chase	202241028230	5.17.2022	5.27.2022	-
10		Development of pepper cum grader	202241028212	5.17.2022	5.27.2022	-
11	Mrs. Chinju Saju	Development of a smart system for monitoring un hydroponic farming ecosystem	202241028245	5.17.2022	5.27.2022	-
12		Utilization of food waste into useful products	202241028206	5.17.2022	5.27.2022	-
13		Development of a manually adjustable sweep cum multiple pulverizing roller dryland weeder for wide	202241028211	5.17.2022	5.27.2022	-
14		Development of coconut harvesting tool	202241028204	5.17.2022	5.27.2022	-
15		Modification and ergonomical evaluation of conoweeeder	202241028221	5.17.2022	5.27.2022	-
16		Development of pepper cum grader	202241028212	5.17.2022	5.27.2022	-
17		Watershed modelling using ArcGIS	202241028207	5.17.2022	5.27.2022	-

## **Faculty Patent Details**

18		Design of early warning agricultural drought detection system	202241028234	5.17.2022	5.27.2022	-
19		Ultrasonic repeller for field birds, rats and pest chase	202241028230	5.17.2022	5.27.2022	-
20		The effects of Blending Cow Milk with Soymilk on Yoghurt Quality	202241034935	17.06.2022	24.06.2022	-
21	Ms. Meena S.	The effects of Blending Cow Milk with Soymilk on Yoghurt Quality	202241034935	17.06.2022	24.06.2022	-
22		Design of early warning agricultural drought detection system	202241028234	5.17.2022	5.27.2022	-
23	Ms. Athira P.	Development of coconut harvesting tool	202241028204	5.17.2022	5.27.2022	-
24		Modification and ergonomical evaluation of conoweeeder	202241028221	5.17.2022	5.27.2022	-
25	Mr.	Development of pepper cum grader	202241028212	5.17.2022	5.27.2022	-
26	Seerangurayar T.	Ultrasonic repeller for field birds, rats and pest chase	202241028230	5.17.2022	5.27.2022	-
27	Mr. Dineshkumar S.	Development of a manually adjustable sweep cum multiple pulverizing roller dryland weeder for wide	202241028211	5.17.2022	5.27.2022	-