

Details of patent published during academic year 2021-2022

S. No	Application Number	Title of the Patent	Applicant Name	Date of Filing
1	202141031112	Flying vehicle abetted network communication tower	Mr.D.Balaji	12.07.2021
2	202141031114	Hybrid 3D printer with flexibility in all the 3 axes printing	Mr.D.Balaji	12.07.2021
3	202141031115	Modified electrical heat element for binder based 3D printing for supplemental heating	Mr.D.Balaji	12.07.2021
4	202141038247	Optimised composite material for construction application with the aid additive manufacturing technology	Mr.D. Balaji	25.08.2021
5	202141038248	Fluid based system maintenance using drones	Mr.D. Balaji	25.08.2021
6	202141049322	Device to avoid accumulation and removal of mud in the mud guard	Mr.D. Balaji	28.10.2021
7	202141056399	See-saw pneumatic piezo and solar energy generation mechanism optimised using machine learning	Mr.D. Balaji	06.12.2021
8	202141057636	Tool retrieval mechanism for the benefit of small scale industries	Mr. R. Anandkumar	10.12.2021
9	202241001269	Autonomous roadside cleaning robot	Mr.R.Anandkumar	10.01.2022
10	202241011385	See-saw pneumatic piezo and solar energy generation mechanism optimised using machine learning	Mr.D. Balaji	03.03.2022
11	202241011388	moveable structure embedded solar pv for improved output	Dr.B.Arulmurgan	03.03.2022
12	202241011390	optimized impeller of a pump with efficient delivery	Mrs.V.Bhuvaneswari	03.03.2022
13	202241014742	experimental investigation on mechanical and morphological analysis of novel bio fibers reinforced	Dr. S. Sathish	17.03.2022

14	202241014 771	flexible arm 3d printer with parametric control using ai	Mr.D. Balaji	17.03.2022
15	202241020 162	Luffacylindrica fibres reinforced epoxy composites with SiC filler	Dr. S. Sathish	04.04.2022
16	202241020 163	Novel cucurbitaceae/sansevieriaehrenbergii plant fibers reinforced epoxy hybrid composites	Dr. S. Sathish	04.04.2022
17	202241023 492	Luffa cylindrica and ramie fiber extraction mechanical decortication	Dr. L. Prabhu	21.04.2022
18	202241023 496	Spilled oil collecting device in the deep sea	Mr. Gokulkumar	21.04.2022
19	202241024 180	Robot to paint the wall	Mr. N. Vigneshkumar	25.04.2022
20	202241024 181	Energy-efficient control system for hybrid heater	Mr. N. Vigneshkumar	25.04.2022
21	202241025 866	Enhanced renewable energy generation with AI	Mr.D. Balaji	04.05.2022
22	202241025 867	Hybrid renewable energy resources augmented with the aid of AI	Mr.D. Balaji	04.05.2022
23	202241033 243	Artificial intelligent based elegant cleaning robot	Dr.Makeshkumar	10.06.2022
24	202241033 247	Method for fabricating flax, snake grass fiber and tamarind powder hybrid composite	Dr. L. Prabhu	10.06.2022