



**Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani**



Patent applications Submitted under KAPILA Scheme for financial assistance

Sr. No	KAPILA ID	Patent Title	Inventor
1	KAPILA-IN264	Method and Process of Manufacture P-Tiles using Waste Plastic and other Required Material	Mr. Raju Narwade Mr. Aditya Jadhav Mr. Varad Salunkhe Mr. Atharva Ugale Ms. Smitha J.
2	KAPILA-IN265	Automatic Air Fill in Bike, Scooty and Car Tyres	Dr. G. V. Patil Sagar Tate Pranav Gawand Gaurav Patil Mr. Hemant Patil Ms. Ashwini Kadam
3	KAPILA-IN408	Manhole Cover with Bamboo as Sustainable, Reinforcement in Light Duty Grade	Pranav Umesh Parab Prof(Dr.) Shilpa Pankaj Kewate
4	KAPILA-IN410	IoT-Kit to Track and Notify Doctor, Nurse and Medical Equipment.	Dr. Divya Chirayil Ms. Rupali Sathe
5	KAPILA-IN412	Indian Child Specific Game Based Psychotherapeutic (therapy for post-traumatic stress disorder)	Munawira Kotyad (Associate Professor) Yvette Lee (Social Worker and Counsellor)
6	KAPILA-IN413	Manufacturing of lightweight sandwich bricks using a unique combination of Bamboo Fiber and E-waste Powder	Rohit Devappa Gawade Prof(Dr.) Shilpa Pankaj Kewate
7	KAPILA-IN414	Automatic Signal Adjustment using IoT based Notification System.	Mange Amar Vilasrao Jayesh Narahari Patil Sagar Shivaji Mhatre Sumit S Dalvi
8	KAPILA-IN415	Eco-Friendly Polypropylene Paver Block With Swappable Anti Skid Film.	Gaurav Gyanendra Mishra Akash Surendra Yadav
9	KAPILA-IN8251	Gesture Recognition Glove Integration with Home Assistant Systems for Verbally Challenged Persons P-14	Munawira Kotyad
10	KAPILA-	Ot-Kit To Track And Notify Doctor, Nurse And Medical	Mahatma Education



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	IN8417	Equipment	Society's, Pillai Hoc College Of Engineering &Technology & Other
11	KAPILA- IN8445	Emotion Recognition And Notification Using Machine Learning And Ai	Mahatma Education Society's, Pillai Hoc College Of Engineering &Technology & Other
12	KAPILA- IN8463	Light Weight Transform Domain Image Steganography Using 32-Bit Arm Cortex-M4	Mahatma Education Society's, Pillai Hoc College Of Engineering &Technology & Other
13	KAPILA- IN8485	Home Based Digital Fm Transmission Using Machine Learning And Iot Based System	Mahatma Education Society's, Pillai Hoc College Of Engineering &Technology & Other
14	KAPILA- IN8507	Sustainable Sandwich Composite Circular Manhole Cover Designed For Pedestrian Networks	Prof (Dr.) Shilpa Pankaj Kewate
15	KAPILA- IN8543	Advanced Vehicle Technologies And Hydrogen And Fuel Cell Method And Process	Mahatma Education Society's, & Other
16	KAPILA- IN8551	Intelligent Way To Youtube Ads In Digital Marketing To Reach Mass Audiences And Its Comparative Effectiveness.	Mahatma Education Society's, Pillai Hoc College Of Engineering &Technology & Other
17	KAPILA- IN9452	MANUFACTURING OF LIGHTWEIGHT SANDWICH BRICKS USING A UNIQUE COMBINATION OF BAMBOO FIBER AND E-WASTE POWDER	Mahatma Education Society's, Pillai Hoc College Of Engineering &Technology & Other

Dr. J.W. Bakal
Principal