

## MITE-KSCST IPR Cell

### Details of the Patent filed

S.No	Title of the Invention	Inventors form the institute	Application No & Date of Filing
1	A Setup for Robotic Sorting of Objects Using Image Processing for Shape and Colour Detection	Dr.Sandesh Nayak Mr.Giridhara N Nayak Mr.Murali Karthik Mr.Chethan D P Mr.Bhavith N Shetty	Application No: 202541011873 Dated 12-2-2025
2	Design and Optimization of Nozzle for Reducing the Noise in Turbojet Engine	Ms. Lakshmi Dr.Sujesh Kumar Ms. Ranjitha Mr.Prajwal Ms.Sneha	Application No: 202541012269 Dated 13-2-2025
3	Hybrid CNC Printer	Mr.Shrihari Acharya Dr.Mohan Kumar Mr.Sachin M Mr.Aneesh Shetty Ms. Jyothi B Hosamani	Application No: 202541012354 Dated 13-2-2025
4	Blockchain Based AI-Powered Voting System	Mr. Karthik K R Mr. Darshan Kumar GP Mr. Ashwith C K Dr.Amirthavalli M	Application No: 202541013080 Dated 15-2-2025
5	Empowering Women's Safety: Design and Implementation of Mobile SOS Application	Mr. Dinesh Kumar Mr. Ashwin Kumar Mr. Charit Shetty Ms. Diya J Mr. Gagan Deep	Application No: 202541013042 Dated 15-2-2025
6	Smart Inventory Management System for Pharmaceuticals Using IoT and Barcode Technology	Mr.Sajith Raj Ms.Sunitha N V Mr. Poornesh Mr. Royal Dsouza	Application No: 202541013065 Dated 15-2-2025
7	Smart Automatic Fire Detection and Extinguisher System	Mr. Mohideen Farhan Mr.Nandakishore Ms. Navinya Shetty Ms. Shwetha Kamath	Application No: 202541013067 Dated 15-2-2025
8	Smart Costume for folk Artist	Mr.Divith Ms. Raksha Shamitha Mr. Dony D'Souza	Application No: 202541013041 Dated 15-2-2025
9	A Smart Waste Management for Cleaner Journey	Ms.Gagana D Mr. Vignesh Ms. Prasahnthi Dr. Shreeja Rajesh	Application No: 202541013074 Dated 15-2-2025

10	Optimized Clustering and Classification for Predictive Fruit Health Analysis	Mr. Rao Ashlesha Dr. Terence K. Johnson Mr. P Deekshith Mr. Rathan Ms.Sudheeksha K	Application No: 202541013073 Dated 15-2-2025
11	A System for Intelligent Lane Identification and Object Detection to Enhance Road Safety in Autonomous Vehicle	Mr. Amogha Mr.Aaubhav Mr. Deviprasad Mr.N Shreyas Mr. Amruth	Application No: 202441104870 Dated 31-12-2024
12	Combating rhinoceros' infestation: customized Methods for coconut tree protection	Mr. Akhil G Mr. Dony D'souza Mr.Vinush Mr.Chandrakanth Ms.Rishal Neha	Application No: 202441104933 Dated 31-12-2024
13	A Novel Process for Basket Weaving	Mr.Pranam Dr. Shivaramu H T Mr. Prasanna Kumar Mr. Rohit Mr. Krithik Mr.Murali Krishna Mr. Pradhyumna Murthy	Application No: 202441105213 Dated 31-12-2024
14	Method of Monitoring and Controlling temperature of Biogas production	Mr.Prabal Raj Mr.Swajan C Mr. Sagar Mr.Afnan Palli Dr.Ramalingam H M	Application No: 202441102546 Dated 24-12-2024
15	Secure Biometrics Authenticated Fuel Filling System	Dr. Anushree Raj Mrs. Sadhana K Mr. Shylesh B Ms. Yogitha M Mrs. Shwetha Bhat Mr. Ragesh Raju Ms. Rashmi M. S.	Application No: 202441068171 Dated 10-09-2024
16	Pure Pick- Fruit Assessing toolkit	Dr. Anushree Raj Mrs. Sadhana K Mr. Shylesh B Ms. Yogitha M Mrs. Shwetha Bhat Mr. Ragesh Raju Ms. Rashmi M. S.	202441068174 Dated 10-09-2024
17	Writing Instrument with Flexible Length For Compact Storage	Mr. Yuvaraj K B Mr. Arun Krishnan Mr. Sridhar D R Mr. Sridhar D R Mr. Prakyath K H	Application No: 202441054889 Dated 18-07-2024

18	Arecanut Collecting Device	Mr. Santhosh achar Dr. Mohan kumar Dr. Neelakantha v londe	Application No: 202441053810 Dated 15-07-2024
19	Coupling accelerator throttle tube for safety	Sayyed Afnan Sayyed Afnan Leston Pinto Karpe Athul Bhat Yuvaraj K B	Application No: 202441036957 Dated 10-05-2024
20	Biomimetic Remote Operated Vehicle For Underwater Survey	Manoj B Gowda Suchit C S Kiran Kumar	Application No: 202441037089 Dated 10-05-2024
21	Novel Tulip Type Vertical Axis Wind Turbine Blade	Disha V S Kiran H Bailapattar Niraj Prabhu Sidharath Dembi Anand S N	Application No: 02441036166 Dated 07-05-2024
22	A System and A Method for Classifying Gender and Emotion by Hierarchical Modelling	Dr. Puneet Mittal, Dr. Pradeep B S, Dr. Shreekumar T, Mr. Manjunath H, Mr. Rajesh Kamath, Dr. Vinayambika S Bhat, Dr. Sukhwinder Sharma	Application No: 2022/11445 (South Africa) Dated 19-10-2022
23	Intelligent Traffic Light Control Apparatus Using Image Processing Features	Dr. Shreekumar T Dr.Sreeja Rajesh Ms.Roopitha C H Ms.Sunitha N V Mr.Ashwin Kumar	Design No. 369789-001 Dated 25/8/2022
24	Smart Safety Locket	Mr. Vilas Mrs. SwapnaSrinivasan Ms. Shivani Ms.Thanvi P Shetty	Application No: 202241021712 Dated 12-04-2022

25	Ceiling Fan Mechanically Extending Connecting Tubes	Dr. M S Ganeshs Prasad Mr.Shivaramu H T Mr. Vignesh Nayak Ullal	Application No: 202241019918  Dated 1-04-2022
26	IoT Based Emission Detection system	Mr.Krishnamoorthy K Mr. Ravinarayana B Mr. Guru Prasad Mr. Sandeep Kumar S	Application No: 202241019907  Dated 1-04-2022
27	A Smart Crop Rescuer – From Animals	Mr. Shivaramu H T Mr. Chinmay N Naik Dr. Mohan Kumar Mr. Sridhar D R Mr. Madhusudhan B	Application No: 202241019615  Dated 31-03-2022
28	Aqua-Q Device for Good health	Dr.Jayaprakash Dr.Srikrishna Shastri Mr. Prajwal Karkera Mr.Chidanada	Application No: 202241019398  Dated 31-03-2022
29	Predicting Cancer and Heart Disease at Early Stages Using Machine Learning	Mr. Arjun Chandroth Ms. Anusha Ms. Meghana B Kamath Ms. Nireeksha S Amin Dr. Pradeep B S	Application No: 202241019371  Dated 31-03-2022
30	Speaker Characteristics and Surroundings identification Method for Phone Call Recordings	Mr. Poojary Sachin Mr. Adithya Shenoy H Mr. Arhanchad Ballal Mr. Nitheth Correa Dr. Puneet Mittal	Application No: 202241015678  Dated 22-03-2022
31	Paver block with a reinforcement layer	Mrs. Anusha Jain Dr. Umesh S S	Application No: 202241015659  Dated 22-03-2022

32	Photosynthetic: Algae Bio-Curtains with Different algae Orientation to Reduce Air Pollution	Ms.Swapna S A Dr. Ganesh Mogaveera	Application No: 202241015655  Dated 22-03-2022
33	Systematic Approach in Developing IoT Enabled wind indicator For Agricultural Applications	Ms. Akhila Rupesh Mr. Nayak Deekshith Dayanand Ms. Shravya Devadiga	Application No: 202241015636  Dated 22-03-2022
34	IoT Based Drone Airship for A Live Weather Monitoring	Dr. Shreekanth Patil Ms. Kavyashree P Mr. Adithya	Application No: 202241015485 Dated 21-3-2022
35	Novel Process to Detect Freshness And quality Of Milk At Dairy	Mr. Nishchit Mr. Prathviraj Ms. Nischitha E Ms. Nithya Jain Dr. Joseph MichaelJerard V	Application No: 202241015425  Dated 21-03-2022
36	Pro-Active Alerting System and Method for Rapid response Emergency Vehicles	Mr. Suman Ms.Ashitha Mr. Karthik N Kulal Ms. Shetty Shreya Jayaram Dr. SukhwinderSharma Mr. Ravinarayana B	Application No: 202241015308  Published in the Patent office Journal No. 12/2022 Dated: 25/03/2022
37	Surveillance Robot for Security Using Lidar during Pandemic	Ms. Samiksha N Ms. Nishmitha Ms. Nagashree Pai Mr. Sadaf Mohammed Mr. Muhammed Munaim	Application No: 202241015307  Published in the Patent office Journal No. 12/2022 Dated: 25/03/2022
38	Automatic Alert System for Monitoring And method Of Detecting Blockage in Manhole	Ms.Preethi Mr. Ranjith H D Ms.Jacintha Mathias Mr. Samanth Mr. Shreyas Hegde	Application No: 202241014951  Dated 18-03-2022

39	Detachable Electric Wheelchair Bike for Physical Disabled Person	Mr. Ashwin Mr. Deekshith Mr. Suhas S Mr. Dhanush Shetty Mr. Sridhar D R Mr. Shivaramu H T	Application No: 202241014908
40	An Energy saving and utilizing technique using the renewable and clean natural resource	Mr. Dony Armstrong D'souza Mr.Pavan Kumar	Application No: 202241014902
41	IOT Based Kitchen Cabinet and The Method of Stock Monitoring	Mr. Subraya Nayak Mr. Dhakshath L Amin Mr.Ramalingam H M Mr. Soorya Prakash Nayak Mr. Chethan	Application No: 202241014876  Published in the Patent office Journal No. 12/2022 Dated: 25/03/2022
42	Precision Agriculture Unmanned Aerial Vehicle (UAV) For Artificial Pollination of Flowers	Mr. Sumukha B Mrs. Rajeshwari Mr.Sudarshan Salian Mr.Irfad Hussain Mr. Varshith	Application No: 202241014906 Dated 17-03-2022
43	Single Window Automate Ration Vending Machine For APL/BPL Cardholders	Mr. Snehal Pradeep Shet Ms. Supritha S Mr. Mohammed Gouse Inthiyaz Mr. Mohammed Sahad Mr. Madhusudhan B Mr. Shivaramu H T	Application No: 202241014904 Dated 17-03-2022
44	Method of Monitoring and The Process of maintaining The Public Toilet Hygiene	Mr. Nikhil P Mahalsekar Ms. Sushmitha T Mr. Rakshith R Poojary Mr. Shreyas Ganapaiah Mr. Sathisha	Application No: 202241014886 Dated 17-03-2022
45	Black Pepper Plucking and Separating machine	Dr.Mohan Kumar Dr. Neelakantha V Londe Mr.Shivramu H T	Application No: 202241014873 Dated 17-03-2022

46	Big Data and cloud bursting real time intelligent scheduling using machine learning	Dr. Pradeep B S	Application No: 20214052902 Dated 17-11-2021
47	Intelligent SIM Multiple company mobile number installed in single SIM	Dr. Pradeep B S	Application No: 202141051542 Dated 10-11-2021
48	Internet of things & Artificial intelligence based assisting and guiding system for blind person to detect obstacles in path	Mr. Ravinarayana B	Application No: 202141049505 Dated 29-10-2021
49	Smart system for providing protection in card based financial private transaction through cloud computing & Blockchain technology	Mr. Ravinarayana B Mr. Annappa Swamy D	Application No: 202141049505 Dated 03-08-2021
50	System and Method for extension to subword analysis of small vocabulary and large vocabulary ASR	Dr. Puneet Mittal Dr. Sukhwinder Sharma Mr. Ramalingam H M	Application No: 2021104848 (Australian Patent) Dated 03-08-2021
51	Multiple Company Mobile Number Integrate in Single SIM	Dr. Pradeep B S	Application No: 2021102421 Dated:09/05/2021 (Australian Patent Application)
52	Artificial Intelligence Based Autonomous Evaluation of Computer Network Security	Dr.Shreekumar T Dr. Pradeep B S Mr. Ravinarayana B Dr.Joseph Michael Jerard Mr. Narendra U P	Application No:202141015816 Dated:2/04/2021

53	NLP-Artificial Intelligence Based Automatic Detection of Infection Rate of Pandemic Diseases (Covid-19)	Mr.Ranith H D	Application No:2020102643 Dated:08/10/2020 (Australian Patent)
54	A Smart and Efficient Hospital Management System Over the Cloud for Data Analysis and Security in Case of Pandemics	Mr.Shreekumar T	Application No: 202041025003 Dated:15/06/2020
55	Automated Tapping Machine for the Extraction of Neera from Coconut Trees	Mr.Tejus Prakash Mr. Elton Dylan Nazareth Mr. Arun P Raj Mr. Diljith Mr.Aravind Manoj	Application No: 201841015038 Dated: 04/03/2019 (Complete Specification) Dated:20/04/2018 (Provisional Application)