

**Prasad V. Potluri Siddhartha Institute of Technology**  
**Department of Information Technology**

**Published Patents in 2022-23**

**Dt:30.05.2023**

S. No.	Title	Ref. No	IPR Filed Date	Published Date, if any	Name of the Faculty	Status (Filed/Published)
<b>2022-23</b>						
1.	SMART RAILWAY GATE CONTROL SYSTEM	<b>202241035783</b>	22-06-2022	01-07-2022	P.V.P.SIDDHARTHA INSTITUTE OF TECHNOLOGY D.Leela Dharani K.Swarupa Rani	<b>Published</b>
2.	ULTRASONIC BLIND WALKING STICK	<b>202241035786</b>	22-06-2022	01-07-2022	P.V.P.SIDDHARTHA INSTITUTE OF TECHNOLOGY K.Swarupa Rani D.Leela Dharani	<b>Published</b>
3.	MEDICAL HANDWRITTEN PRESCRIPTION RECOGNITION USING CONVOLUTION RECURRENT NEURAL NETWORKS	<b>202241036916</b>	28-06-2022	08-07-2022	P.V.P.SIDDHARTHA INSTITUTE OF TECHNOLOGY Dr.G.Reshma Mr.K.Sai Sasankh	<b>Published</b>
4.	A TRIPLE AUTHENTICATION TECHNIQUE FOR ATM TRANSACTION	<b>202241044152</b>	02-08-2022	12-08-2022	P.V.P.SIDDHARTHA INSTITUTE OF TECHNOLOGY Dr.S.Sai Kumar Mr.P.Ravi Prakash	<b>Published</b>

5.	INDOOR IOT HOME AUTOMATION APPLICATIONS WITH VOICE AUTOMATION AND OPERABILITY INTEGRATION	<b>202341005390</b>	27-01-2023	10-02-2023	P.V.P.SIDDHAR THA INSTITUTE OF TECHNOLOGY Mr.D.Srinivas arao	<b>Published</b>
6	A TIME-SAVING, INNOVATIVE VIDEO-SHARING PLATFORM WITH VIDEO TIMELINE MARKING, KEYWORD FREQUENCY, AND OTHER FEATURES	<b>202341021832</b>	27-03-2023	21-04-2023	P.V.P.SIDDHAR THA INSTITUTE OF TECHNOLOGY  Mr.B.V.Satish Babu  Mr.D.Bharadwaja	<b>Published</b>
7	INTELLIGENT WATER PUMPING FOR FIELDS USING IOT	<b>202341024546</b>	31-03-2023	21-04-2023	P.V.P.SIDDHAR THA INSTITUTE OF TECHNOLOGY  Mr.Ch.Praneeth	<b>Published</b>
8	AIR QUALITY INDEX PREDICTION USING REGRESSION TECHNIQUES	<b>202341025669</b>	05-04-2023	05-05-2023	P.V.P.SIDDHAR THA INSTITUTE OF TECHNOLOGY  Dr.B.V.Subba Rao  Dr.S.Sai Kumar	<b>Published</b>
9	CAR SENTRY-OWNER ASSISTANT	<b>202341034526</b>	17-05-2023	23-06-2023	P.V.P.SIDDHAR THA INSTITUTE OF TECHNOLOGY  Dr.A.Haritha	<b>Published</b>

**(Dr. B. V. Subba Rao)**