

Sr.No	Dept.	Title of Patent	Inventor(s)	Grant Date	Patent No.
1	Dept. of Chemical Engg.	"A Process for Preparation of P-Anisic Acid"	Mr. Pankaj Gandhi Dr. Yogen H Talia Dr. Z V P Murthy	25.11.2014	263852
2	Dept. of Chemistry	"3-Halo Derivatives of Thiomaleic Anhydride and Process for the Preparation Thereof"	Dr. Bharatkumar Z Dholakiya Mr. Patel Jigarkumar Rameshbhai	16.05.2018	296833
3	Dept. of Mechanical Engg.	"Technique for measuring oil film thickness between piston ring and liner in an unfired I c engine & reciprocating compressor using strain gauge"	Dr. Dhananjay V Bhatt Mr. Bulsara Mukesh Amrish Mr. Mhatre Dinesh Mr. Mistry Kishore N	29.06.2018	298293
4	Dept. of Chemistry	"Controlled release of therapeutic agents using drug impregnated polymer film"	Dr. Bharatkumar Z Dholakiya Mr. Choubisa Bhushan Mr. Lakdawala Mahendra M	09.07.2018	298644
5	Dept. of Chemistry	"Palladium Catalyzed Synthesis of Benzofurans and Coumarins Using Phenol or Substituted Phenols"	Mr. Upendra Sharma Dr. Naveen Togati Mr. Debabrata Maity	27.07.2018	299110
6	Dept. of Chemistry	"An improved process for the preparation of dihydropyrimidin-2-Ones"	Dr. Kalpana Chaturbhai Maheria Mr. Mistry Sunilkumar R Mr. Joshi Rikesh R Mr. Sahoo Suban Kumar	28.09.2018	301613
7	Dept. of Mechanical Engg.	"The off-set levers-gears"	Dr. Dhananjay V Bhatt Mr. Shah Atulbhai Shantilal Mr. Trivedi Paragkumar J Mr. Multani AltafAbdul Nanji	06.08.2019	317702
8	Dept. of Chemistry	"An Improved process for the preparation of Diarylpyrimidin-2(1H)-Ones"	Dr. Kalpana Chaturbhai Maheria Mr. Mistry Sunilkumar R	30.08.2019	319508
9	Dept. of Mechanical Engg.	"Zero Effluent Discharge Biomass Gasification System"	Dr. S A Channiwala Mr. Padsumbiya Subhash M/s. Gurukrupa Machtech Pvt Ltd, Morbi	26.11.2019	325842
10	Dept. of Chemistry	"Novel Biologically Active Malemide Compounds and Use Thereof"	Dr. Bharatkumar Z Dholakiya Mr. Patel Jigarkumar R	24.02.2020	332732

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11	Dept. of Chemistry	"Novel Process For the Preparation of Furan2, 5-Dione Derivatives"	Dr. Bharatkumar Z Dholakiya Mr. Patel Jigarkumar R	16.03.2020	334762
12	Dept. of Chemistry	"Novel 6-nitro-3-(4-oxo-thiazolidin-2-ylideneamino)-2-phenyl-3H-Quinazolin-4-One and 5-Benzilidine derivatives thereof"	Dr. Smita Manish Jauhari Mr. Rana Aniruddhasinh M Mr. Desai Kishor Ratilal	08.05.2020	336571
13	Dept. of Mechanical Engg.	"A Process of Preparation of Ordered Cell Metal Foam"	Dr. Pawan Sharma Mr. Pulak Mohan Pandey Mr. Jatender Pal Singh	24.09.2020	347561
14	Dept. of Chemical Engg.	"PPEA/MAA active layer containing forward osmosis membrane and a method of preparing thereof"	Dr. Alka A Mungray Mr. Pankaj M Pardeshi	15.12.2020	353731
15	Dept. of Mechanical Engg.	"System and Method for Rapid Manufacturing of Article"	Dr. Pawan Sharma Mr. Pulak Mohan Pandey Mr. Gurminder Singh	01.03.2021	359912
16	Dept. of Civil Engg.	"A Method for Producing Angular Shaped Fly Ash Aggregate"	Dr. Satyjeet Patel Mr. Hrishikesh Shahane Ms. Deepti Patel	23.03.2021	362571
17	Dept. of Mechanical Engg.	"Supportive Motion Assembly for Bicycle Drive Train" THE IDLE ACTION-REACTION FORCE ACTIVATION COST FREE TO ROTARY TRANSMISSION SYSTEM.	Dr. Dhananjay V Bhatt	27.07.2021	372851
18	Dept. of Electronics Engg.	"Dual Screen Mobile with Solar Charging"	Mr. Pinalkumar Engineer Mr. Lokesh Sharma	03.09.2021	376361
19	Dept. of Mechanical Engg.	"Pipe Leakage Detection and Repair Robot"	Dr. Harshit K Dave Mr. Ankitkumar Nikum Mr. Rajatkumar Singh Mr. Aditya Gupta Mr. Apeksha Nikum	20.10.2021	379440
20	Dept. of Civil Engg.	"A System for Compositing of Flower Waste and a Method thereof"	Dr. Kunwar Durg Vijaysingh Yadav Mr. Dayanand Sharma	12.11.2021	381773
21	Dept. of Chemical Engg.	"Ultrasonic enhanced Y-type microchannel emulsification system and drug encapsulation process using the said system"	Dr. Sanjaykumar R Patel Ms. Preena Shrimal Dr. Girirajsinh C Jadeja	25.01.2022	387401

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22	Dept. of Civil Engg.	"Polymer mortar composite from post-consumer PET waste modified with MMA and POFA and process for preparation thereof"	Ms. Bhagyashri Sarde Dr. Yogesh D Patil Dr. Bharatkumar Z Dholakiya	28.01.2022	387089
23	Dept. of Chemistry	"An Improved Process for the Preparation of High Molecular Weight Polylactic Acid"	Dr. Bharatkumar Z Dholakiya Mr. Choubisa Bhushan Mr. Mayank Patel	23.02.2022	390158
24	Dept. of Chemical Engg.	"Perovskite Solar Cell with Poly(3-hexylthiophene) based Gradient Heterojunction Layer and Method Of"	Dr. Jignasa V Gohel Mr. Saikumar Nair	21.03.2022	392369
25	Dept. of Chemical Engg.	" Process for Synthesis of Copper Zinc Tin Sulfide CZTS Material as Hole Transport Material"	Dr. Jignasa V Gohel Mr. Siddhant B Patel	20.05.2022	397301
26	Dept. of Chemical Engg.	"Process for Vitamin Supplements Size Reduction Using Hydrotropic Antisolvent Crystallization"	Dr. Desai Meghal A Mr. Akash D. Patel	20.09.2022	407111