



CMR COLLEGE OF PHARMACY
 (Approved by PCI, New Delhi, Affiliated to JNTU Hyderabad, B. Pharmacy Program-Accredited by NBA)
 Kandlakoya (V), Medchal Road, Hyderabad-501 401

PATENTS 2025

S. No.	Name of the Authors	Title	Year	Category	Application No.	Date of filing	Publication date/Grant
1.	k. Ratna Jyothi, Dr. V. Venkata Rajesham, Dr. T. Rama Rao	Formulation and evaluation of anti- acne cream for hibiscus rosa sinensis flowers and tea tree oil	2025	Patent-Grant	202441067260	05-09-2024	15-09-2025
2.	Dr. K. Geetha, Dr. T. Rama Rao	A Method for Controlled Release of a Drug on a Mucosal Surface	2025	Patent-Grant	202541086059	10-09-2025	07-04-2026
3.	Dr. G.S. Sharma	Topical Drug Delivery Device for Increasing Bioavailability of Drug	2025	Patent-Grant	448262-001	20-02-2025	20-05-2025
4.	Dr. M. Srivani, Dr. G.S. Sharma, Ms. K. Daakshayani, Dr. A. Raja Reddy	An enteric enzyme-responsive lipid nanocarrier composition for enhanced oral bioavailability of poorly soluble drugs	2025	Published	202541102237 A	23-10-2025	28-11-2025
5.	Dr. M. Sangeetha, Dr. V. V. Rajesham, Mrs. Ch. Bhavani, Mrs. M. Srilatha	A system for targeted cancer therapy using antibody-drug conjugates	2025	Published	202541102238 A	23-10-2025	28-11-2025
6.	Dr. B. Bhadru, Dr. V. Sireesha, Mrs. JVS. Chandana, Mrs. P. Sowjanya	A system for hybrid nanoparticles-based gene delivery with controlled release and targeted uptake	2025	Published	202541102239 A	23-10-2025	28-11-2025
7.	Dr. V. Uma Maheshwara Rao, Mr. R. Shireesh kiran, Mrs. CM. Shalina Dr. Shaik Khadeer Ahmed	As oral insulin delivery system comprising multi-layered biodegradable nanoparticles with sequential barrier-crossing functionalities	2025	Published	202541102240 A	23-10-2025	28-11-2025

8.	Dr. V. Uma Maheshwara Rao, Dr. J. Lavanya, Dr. P. Pranaya, Mrs. S. Lahari, Mrs. K. Ratna Jyothi	A system for targeted delivery of protein therapeutics using multilayer polymer-lipid hybrid nanoparticles	2025	Published	202541102241 A	23-10-2025	28-11-2025
9.	Dr. R. Nirmala, Mrs. Mary Swarnalatha, Mr. M. Sreekanth, Dr. V. T. Iswariya	A method for preparing hybrid lipid-polymer Nanocarriers for co-delivery of hydrophobic and hydrophilic drugs	2025	Published	202541102205 A	23-10-2025	28-11-2025
10.	Dr. P. Pravalika, Mr. P. Narendra, Dr. N. Madhavi, Dr. M. Sangeetha	A process for developing mucoadhesive polymeric carriers for enhanced mucosal drug delivery	2025	Published	202541102204 A	23-10-2025	28-11-2025
11.	Dr. N. Madhavi, Dr. M. Sangeetha, Mrs. Satya Sireesha, Mr. R. Kiran	A Method for Preparing an Inhalable Dry Powder Formulation for Targeted Pulmonary Drug Delivery	2025	Published	202541085838A	10-09-2025	03-10-2025
12.	Dr. K. Geetha, Dr. T. Rama Rao, Mrs. CM. Shalina, Ch. Bhavani, S. Lahari,	A Method for Controlled Release of a Drug on a Mucosal Surface	2025	Published	202541086059A	10-09-2025	03-10-2025
13.	Dr. V. V. Rajesham, Dr. P. Pravalika, Dr. Nahida, Dr. P. Pranaya	Intelligent Predictive Analytics Framework for Accelerated Drug Discovery and Development Through Adaptive Ai Optimization Techniques	2025	Published	202441100959 A	19-12-2024	03-01-2025
14.	Dr. T. Rama Rao, Dr. N. Madhavi, Dr. V. T. Iswariya	Nanoparticle-Enhanced Drug Delivery System for Precision Targeting and Sustained Release of Therapeutic Biopharmaceuticals	2025	Published	202441100958 A	19-12-2024	03-01-2025
15.	Dr. G. S. Sharma, Dr. B. Bhadru, Mr. R. Shireesh Kiran	Personalized 3d-Printed Multi-Layered Oral Dosage Systems Utilizing Adaptive Release Mechanisms	2025	Published	202441100960 A	19-12-2024	03-01-2025
16.	Dr. Geetha Karra, Dr. G. Ramya Balaprabha, Dr. P. Kishore Kumar	Personalized Gene Editing Method Utilizing Optimized CRISPR-Cas Variants for	2025	Published	202441100961 A	19-12-2024	03-01-2025

		Targeted Immune Modulation					
17.	Dr. V. T. Iswariya, Dr. K. Geetha, Mrs. Satya Sireesha, Dr. P. Pravalika	A method for the preparation of stimulus-responsive nanoparticles for controlled drug release	2025	Published	202541102206 A	23-10-2025	28-11-2025
18.	Dr. Ramya Bala Prabha, Mrs. T. Srilakshmi, Mr. R. Kiran, Dr. P. Kishore Kumar	Process for the fabrication of surface modified nanoparticles enabling targeted blood brain	2025	Published	202541102206 A	23-10-2025	28-11-2025
19.	Dr. A. Raja Reddy, B. Pavani, Dr. J. Lavanya	Sustainable Biocatalytic Approaches for Eco-Friendly Synthesis of Active Pharmaceutical Ingredients in Drug Manufacturing	2025	Published	202441100962 A	19-12-2024	10-01-2025
20.	Dr. P. Kishore Kumar, Mr. P. Roshan Ali, Mrs. G. Supriya, Dr. V. V. Rajesham	A pH responsive nano carrier for oral delivery of poorly water-soluble drugs	2025	Published	202541102206 A	23-10-2025	28-11-2025


R & D coordinator


PRINCIPAL
PRINCIPAL
CMR COLLEGE OF PHARMACY
Kandlakoya (V), Medchal Road,
Hyderabad - 501 401.