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Patents- 2025

S. No.	Applicant Name	Title of Patent	Publication / Grant Number	Year of Patent Published / Granted	Type of Patent	Status
1	Dr A Bharathi Dr. A Suneetha Dr. P Swetha	Formulation and Evaluation of Docetaxel Floating Microspheres	202541001302A	10 January 2025	National	Published
2	Dr .Ramana G Dr. A. Suneetha	Preparation and In- Vitro characterization of ethylcellulose coated pectin alginate microspheres of 5-Flurouracil for colon targeting	202541001301A	17 January 2025	National	Published
3	P. Jahnavi	"Y Maize apparatus for monitoring of locomotor activity in mice".	No: 447003-001	05 February 2025	National	Submitted
4	P. Jahnavi	"Rotarod apparatus for monitoring of neurotoxic activity in mice	No: 447892-001	12 February 2025	National	Granted
5	P. Jahnavi	Automated isothermal titration calorimeter".	448429-001	21 February 2025	National	Submitted
6	Dr. A Suneetha Dr M Vijayalakshmi S L S Mounika Pratyusha	LC-MS Characterization and Stability Indicating RP- HPLC Method Development for Estimation of Pirobrutinib and its Impurities in Bulk	202541009628A	21 February 2025	National	Published
7	P. Jahnavi	"TGA-DSC hybrid Analyzer	449708-001	27 February 2025	National	Granted

8	Dr M Vijayalakshmi Dr. ASuneetha Dr. PSwetha	Stability Indicating RP- HPLC Method for Chloramphenicol and Polymixin B Quantification in Ointment	202541019203A	21 March 2025	National	Published
9	P. Jahnavi	“Device for detection of anti diabetic of herbal extract”.	6432540	22 March 2025	InterNational	Granted
10	P. Jahnavi	“UPLC for analysis of plant extracts and phytochemicals”.	452941-001	26 March 2025	National	Granted
11	P. Jahnavi	“Coloum chromatography for quantitative estimation of synthetic compoun“Coloum chromatography for quantitative estimation of synthetic compoundsds	453212-001	27 March 2025	InterNational	Submitted
12	P. Jahnavi	“Apparatus for formulation of pyridine derivatives for anti-inflammatory activity”	6433973	28 March 2025	InterNational	Granted
13	P. Jahnavi	“Nose to brain drug delivery system for peptides and proteins for treatment of Alzheimers disease.	202521027080A	04 April 2025	National	Granted
14	P. Jahnavi	AI Based Morris water maize apparatus for analysing neurotoxic activity in mice 45490-001	454940-001	10 April 2025	National	Summitted
15	P. Jahnavi	AI Based drug designing computing device for docking studies”	6436894	11 April 2025	InterNational	Granted
16	P. Jahnavi	“Y maize apparatus to study anxiety and stress behaviour in animals (2)(g)”	456196-001	22 April 2025	National	Submitted
17	P. Jahnavi	“AI enabled device for detection of Alzheimers disease”.	456345-001	23 April 2025	National	Granted

18	P. Jahnavi	Automatic calorimeter	6440795	29 April 2025	InterNational	Granted
19	P. Jahnavi	“Method for isolation and purification of sialic acid derivatives from glycoproteins”.	202511009893	02 May 2025	National	Granted
20	P. Jahnavi	Laboratory equipments for analysing molecular docking and chemical compounds	6444121	13 May 2025	InterNational	Granted
21	P. Swetha	Wound -healing activity of cotinus coggygria in diabetic rats	202541043775	30 May 2025	National	Granted
22	P. Jahnavi	AI Based Devise for Docking and Receptor targetting	461008-001	02 June 2025	National	Summitted
23	Dr. Atchutuni V S Ravi Sai	Formulation and evalution of herbal extracion of Nigella sativa and macrophylla	202541054544	13 June 2025	InterNational	Granted
24	P. Jahnavi	Device for Extraction and purification of Herbal Compounds	462784-001	19 June 2025	National	Summitted
25	P. Jahnavi	“Indole derivative formulations for targeted anti-cancer activity in chemotherapy drugs ”.	202511059671	21 June 2025	InterNational	Submitted
26	P. Jahnavi	Device for Predicting Anti cancer and Anti Ulcer and Anti Inflammatory Activity of Plant Extract	463034-001	21 June 2025	National	Summitted
27	P. Jahnavi	UHPLC Apparatus for Estimation of plasma drug concentration in mice	463653-001	26 June 2025	National	Summitted
28	P. Jahnavi	AI Based device for optimization of targeted drug delievery	463796-001	27 June 2025	National	Summitted

Patents-2024

S. No.	Applicant Name	Title of Patent	Publication / Grant Number	Year of Patent Published / Granted	Type of Patent	Status
1	Dr Suneetha Achanti Dr. D.S.N.B.K. Prasanth , Dr Vijaya Lakshmi Marella, Dr Reehana Shaik	Drug Dissolution Analysing Apparatus	375926-001	01 February 2024	National	Published
2	Dr A Bharathi	APPARATUS FOR NANONEEDLE MEDIATED NONINVASIVE TRANSDERMAL DELIVERY OF INSULIN	408264-001	26 April 2024	National	Published
3	Dr Vijaya Lakshmi Marella	SENSORS BASED PILLS DISPENSER WITH REAL TIMES PILLS MONITORING	424463-001	02 September 2024	National	Published
4	Dr Ramana Gangireddy	Micro needle Array Device for Transdermal Drug Delivery".	6387935	09 September 2024	International	granted
5	Dr. G Vijay Kumar	Folate Receptor Targeted Liposomal Nanoparticles for Enhanced Delivery of Therapeutics in Cancer Therapy	1220251	17 September 2024	International	Published
6	Dr. N. Kanaka Durga Devi	“portable device designed for breast cancer detection”.	425644-001	03 October 2024	National	Published

Patents-2023

Patents Published / Granted

S. No.	Applicant Name	Title of Patent	Publication / Grant Number	Year of Patent Published / Granted	Type of Patent	Status
1	Mr. Atchutuni V S Ravi Sai	A nanosponge for target and control drug delivery	A61K 9/19	11 January 2023	International (Germany utility patent)	Granted
2	Dr. D.S.N.B.K. Prasanth <i>et. al.</i>	Eine polypharmazeutische for mulierungals potenzielles miittel zur behandlung duspolyzystischem ovarsyndroms	A61 K 36/9066	25 January 2023	International (German patent)	Granted
3	Dr. D.S.N.B.K. Prasanth <i>et. al.</i>	Pharmaceutical Soxhlet Apparatus	375918-001	21 February 2023	National	Granted
4	Dr. D.S.N.B.K. Prasanth <i>et. al.</i>	Evaluation of anti neoplastic activity of ficus Racemosa leaf extract	202341005609 A	24 February 2023	National	Published
5	Mr. Atchutuni V S Ravi Sai Nadh and Dr. Bharathi Arigela <i>et. al.</i>	Oximeter for medicinal use	6267291	17 March 2023	International (UK Design patent)	Granted
6	Dr. K. Ravi Shankar, Dr. T. Sarala Devi, Dr, K. Saritha and Dr. Ramana Gangireddy <i>et. al.</i>	Intelligent clinical trial and management system	202341012949 A	17 March 2023	National	Published

7	Dr. KNV Chenchu Lakshmi <i>et. al.</i>	Annona Reticulata and Ocimum Basilicum extract and their combination useful for treatment of Atherosclerosis	202341022684 A	07 April 2023	National	Published
8	Mr. Atchutuni V S Ravi Sai Nadh, Dr. K. Ravi Shankar, Ms. L. Divya Saroja, Ms. Ch. Pavitra, Ms. B. Shanmukhi, Mr. K. Dhanvanth Reddy, Ms. Roopa Sri Devi, Ms. K. Pravallika	Intracardiac oximeter	379505-001	02 May 2023	National (Design)	Granted
9	Mr. Atchutuni V S Ravi Sai Nadh, Dr. G. Vijay Kumar, Dr. K. Saritha, K. Bhuvaneswari, Anne Mohan Vamsi, Thondepu Anusha, Vasagiri Gayatri	Respiratory Monitoring Device	379136-001	10 May 2023	National (Design)	Granted
10	Dr. D.S.N.B.K. Prasanth <i>et. al.</i>	Infrared Spectrometer	378946-001	11 May 2023	National (Design)	Granted
11	shaik.Jareena, Dr Reehana Shaik <i>et. al</i>	laboratory analgesimeter	381491001	17 May 2023	National (Design)	Granted
12	Dr. G. Vijay Kumar <i>et. al.</i>	A composition of mesalazine mini tablet in capsule system for targeted delivery of colon	A 61K 31/606	22 May 2023	International (German patent)	Granted
13	Dr. D.S.N.B.K. Prasanth <i>et. al.</i>	Biochemical oxygen demand incubator	381483-001	24 May 2023	National (Design)	Granted
14	Mr. Atchutuni V S Ravi Sai Nadh, Dr. Ghanta Vijaya Kumar <i>et. al.</i>	Transdermal drug delivery system	2023/02641	31 May 2023	International (Republic of South Africa)	Granted

15	Dr. D.S.N.B.K. Prasanth <i>et. al.</i>	A process for formulating fast dissolving tablets of etodolac and its composition thereof	2023/02375	31 May 2023	International (Republic of South Africa)	Granted
16	Mr. Atchutuni V S Ravi Sai	A system for the preparation of solid dispersion of Nalidixic acid	A61K/31/4375	27 June 2023	International (UK Design)	Granted
17	Dr. G. Vijay Kumar <i>et. al.</i>	Pharmazeutische Zusammensetzung einer schwimmenden zweischichtigen Tablette aus Atorvastatin Calcium und Nikotinsaure	A61K 31/40	03 July 2023	International (German patent)	Granted
18	Dr. D.S.N.B.K. Prasanth, Dr. Suneetha Achanti <i>et. al.</i>	Incubator sekhar	382983-001	13 July 2023	National (Design)	Granted
19	Dr. KNV Chenchu Lakshmi <i>et. al.</i>	Achyranthes Aspera Leaf Extract For Treatment of Ovarian Dysfunction	202341036575 A	01 September 2023	National	Published
20	Dr.Jyothirmayee	Rotating cylinder type application of gastroretentive drug delivery	6324817	18 November 2023	International (UK Design)	Granted
21	Dr.Jyothirmayee	Medical instrument for transdermal delivery of insulin	398862-001	19 December 2023	National (Design)	Granted

Patents-2022

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1	Dr. Naveen Babu Kilaru <i>et. al.</i>	In vivo anti fungal avtivity spectrophotometric analysis and molecular characterization of woodfordia fruticosaleaf aganist candida isolates in patents with uncontrol diabetes mellitus	202241000299	04 January 2022	National	Published
2	Dr. D.S.N.B.K. Prasanth <i>et. al.</i>	controlling the release rate of a therapeutic drug using nanoparticles vesicles embedded in hydrogel	202241065530 A	25 November 2022	National	Published
3	Kanaka Durga Devi Nelluri <i>et. al.</i>	Artificial intelligence IoT based automatic smart healthcare system to monitor and avoid blood pressure and lung cancer to avoid it early stages for healthy life for all ages using WSN image processing and the deep learning algorithms	202241064381 A	25 November 2022	National	Published
4	Dr. D.S.N.B.K. Prasanth <i>et. al.</i>	Modulation of drug release from pH responsive soft nanocomposites	202211066124 A	25 November 2022	National	Published
5	Dr. D.S.N.B.K. Prasanth <i>et. al.</i>	Stimulation of immune system for prophyl axis and treatment of oral cancer using emblica officinalis and tinosospora cordifolia	202221068892 A	09 December 2022	National	Published
6	Dr. D.S.N.B.K. Prasanth <i>et. al.</i>	Compostion for Immunomodulating and Nutraceutical and Method of use	202241070733 A	16 December 2022	National	Published