

Publications:

1. Formulation Optimization and Evaluation of Herbal Films Containing Ethanol Leaves Extract of Cassia auriculata to Treat Chronic Constipation Disorder Brahmaiah Bonthagarala¹ , Seetha Devi Alla² , **Sudarshan Rao Nagineni**¹ , Rama Rao Vadapalli¹ , Sri Rekha Malakapurapu³*IJDDT, Volume 14 Issue 2, April - June 2024

2. Anticancer, Antidiabetic, Antioxidant Properties and Phytoconstituents of Efficacy of Methanolic Extract of Euphorbia milii Leaves
SJP Sanjeevkumar Giri, Priyanka S. Jamade, Balaji Pendakur, Sanjotha G , **Nagineni Sudarshan Rao**
African Journal of Biological Sciences 6 (6), 6561-6572

3. Fast Dissolving Oral Films: A Modern Diversification In Drug Delivery System

Katikithala Akhila, Nagineni Sudarshan Rao

Shri Vishnu College of Pharmacy (Autonomous), Vishnupur, Bhimavaram Andhra Pradesh, India

Page No:237-262

DOI:[18.15001/JOT.2024/V12I8.24.605](https://doi.org/10.15001/JOT.2024/V12I8.24.605)

4. Phytonano particles for the Treatment of Type 2 Diabetes Mellitus: A Review

PB Nagineni Sudarshan Rao

Journal of Advanced Zoology 44 (4), 357-373

5. Process Optimization and Evaluation of Immediate Release Tablet containing Benzimidazoles

BL N. Sudarshan Rao

Asian Journal Of Pharmaceutical Analysis 13 (3), 180-182

6. A SIMPLE ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF IMPURITY AND FORCED DEGRADATION STUDIES OF LEVOMILNACIPRAN HYDROCHLORIDE BY RP-HPLC

RNJ Kranthi Yalla, V. Om Vasudev, **Nagineni Sudarshan Rao**, Goriparthi ...

European Chemical Bulliten 12 (5), 6007-6018

7. Formulation development and pharmacological evaluation of polyherbal gel containing extract of Sesbania grandiflora flower, Eclipta alba L. leaf, and Allium cepa L. bulb.

PV Kothe, T Deka, **NS Rao**, RS Buchade, P Bassi, SK Ranajit, S Vohra, ...

8. Formulation Development and Evaluation of Polyherbal Gel Containing Extract of Eclipta Alba (L.) (Asteraceae) For The Management of Alopecia

DKG Archana Pramod Shaha , Jyothirmayee Devineni , **Nagineni Sudarshan Rao** ...

Journal of Chemical Health Risks 13 (4), 1467-1478

9. FORMULATION AND EVALUATION OF MONTELUKAST SODIUM ORO DISPERSIBLE TABLETS

NS Rao, P Priyanka

10. A REVIEW ON: NANOTECHNOLOGY ALONG WITH MEDICINE FOR THE TREATMENT OF TYPE 2 DIABETES MELLITUS

PPPB Sudarshan Rao Nagineni

World Journal Of Pharmacy and Pharmaceutical Sciences 12 (9), 942-966

11. Micro Electro Mechanical Systems: An Innovative Approach To Drug Delivery

Neerukonda Vamsi, Shaik Irfan Pasha , Gogulamudi Benjamin Franklin , Vinod Kumar Donkena and **Nagineni Sudarshan Rao**

American Journal of Pharmatech Research 3 (4), 171-185

12. Formulation Optimization and Evaluation of Herbal Films Containing Ethanol Leaves Extract of Cassia auriculata to treat Chronic Constipation Disorder

B Bonthagarala, SD Alla, **SR Nagineni**, RR Vadapalli, SR Malakapurapu

13. Hesperidin Loaded Liposomes for the Treatment of Diabetes and Hypertension

S Mateen, T Mujawar, MU Azeem, C SF, G Kaur, **NS Rao**, N Kaur, A BK

Patents:

1. INVESTIGATION OF IN VITRO & IN VIVO ANTIOXIDANT AND CARDIOPROTECTIVE ACTIVITIES OF POLYHERBAL INDIAN MEDICINAL PLANT

Mr. Nagineni Sudarshan

Rao, MANVMVSDSKRMRSEMKRYMJGTDJRRMPUVMPVSMHAM Vandana

IN Patent App. 202,341,088,387

2. Non-Invasive Device used to Monitor Liver Function

Mr. Nagineni Sudarshan Rao, Dr. Jampala Raghu Ram, Ms.Mirabai Ramkrishna Deokar, Dr Smita Tukaram ...

3. HERBAL HYDROGEL FOR ALOPECIA PREPARATION THEREOF

APPLICATION NUMBER	202441034815
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/05/2024
APPLICANT NAME	1 . Dr. LAKSHMI PRASANTHI NORI 2 . K. Himaja Kasturi 3 . U. Mahalakshmi 4 . K. Lakshmi Bhavani 5 . Rama Rao Vadapalli 6 . Nagineni Sudarshan Rao 7 . Shri Vishnu College of pharmacy

Books Published:

1. DRUG DELIVERY SYSTEMS

MKR Sankula, SSR Bodavula, **Mr. Nagineni Sudarshan Rao**, RR Vadapalli
JEC PUBLICATION

2. Advanced biopharmaceutics & pharmacokinetics

Nagineni Sudarshan Rao and 2 more. Authors. Mr. Nagineni Sudarshan Rao. Author · Mr. Ravi Jayant. Author · Prof. (Dr.) Sachin Kumar.

3. PHARMACEUTICAL INORGANIC CHEMISTRY

By **Mr. Nagineni Sudarshan Rao**, PROF. BALAJI PENDAKUR , MISS. RITIKA DADHICH,
DR.MURALI KRISHNA KANDUKURI

Membership

Attained APTI life membership.

Membership ID AP/LM-1312

FDPs Attended

1. Attended faculty development program on empowering pharmaceutical Research with JMP: A Hands on Training organized by Krupanidhi College of Pharmacy, Bengaluru on 22nd, 23rd & 24th July 2024
2. Attended FDP entitled, “Innovations in Pharmaceutical Analysis and Medicinal Chemistry: From Molecules to Therapeutics” from 04th Dec 2023 to 11th Dec 2023 conducted by Aditya College of Pharmacy, Surampalem..
- 3 Attended the online FDP entitled, “EMERGING TRENDS ON PHARMACOLOGY AND PHARMACOTHERAPEUTICS” held from 27th November 2023 to 1st December 2023 conducted by Aditya College of Pharmacy, Surampalem.
4. Has participated in National e-FDP on "FOSTERING THE DRUG DESIGN VIA ARTIFICIAL INTELLIGENCE AND SANCTIFYING MOLECULAR DOCKING STUDIES" from 24.07.2023 - 28.07.2023, organized by the Department of Pharmaceutical Chemistry and Analysis, School of Pharmaceutical Sciences, VISTAS Certificate No:SPS230588
5. Participated in the online FDP entitled, “Exploring New Horizons in Nanoformulations Based Drug Delivery Systems” held from 19th November 2023 to 25th November 2023 conducted by Aditya College of Pharmacy, Surampalem.