

FACULTY PUBLICATIONS

Prof. M. Sumakanth

- Design, Molecular Docking, Synthesis and Biological Evaluation of 4, 5-Substituted 1, 2, 3-Triazoles as Anti-bacterial Agents. International Journal of Pharmaceutical Sciences and Nanotechnology, 2021; 14(2); 5372-5385
- A review article of SGLT2 inhibitors for the treatment of diabetes and obesity Prof.M. Sumakanth, P. Soni Dixitha, Dr.M. Vijaya Bhargavi Journal of Pharmaceutical Sciences and Research, 2021, 13 (11), 640-648.
- A review article of Hypertrophic cardiomyopathy, Prof.M. Sumakanth, P. Soni Dixitha, Dr.M. Vijaya Bhargavi, IJPSR, 2022, 13(8), 3043-3055
- *In Silico* Approaches for the Design of Imidazolone Based Molecules as New Dual M-PGES-1/5-LO Inhibitors, JPSR, Vol. 13(9), 2021, 529-539
- *In-Silico* Approaches for the Design and Synthesis of Potent Isatin Sulfonamide of Alpha-Glucosidase Inhibitors Implicated in Treatment of Diabetes, JPSR, Vol. 13(9), 2021, 576-585
- Active Site Structure Prediction, Virtual Screening And Molecular Docking For Ligands Of The Reverba Orphan Nuclear Receptor/Dnacompex:1a6y JETIR July 2021, Volume 8, Issue 7, 276-298.
- Active Site Structure Prediction, Virtual Screening and Molecular Docking for Ligands of Orphan Oestrogen Related Receptor Gamma:2EWP, IJARESM, Volume 9, Issue 8, August -2021, 277-285
- Structure Based Virtual Screening Of Indole Derivatives As Anti Nipah Viral Agents, JETIR, January 2021, Volume 8, Issue 1, 480-491.
- *In Silico* Approaches for the Design of Imidazolone Based Molecules as New Dual M-PGES-1/5-LO Inhibitors, Journal of Pharmaceutical Sciences and Research, 13(9), 2021, 529-539
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Dr.Sudha parimala

- Formulation and evaluation of polyherbal hair oil, International journal of all research Education and scientific methods;2021,9(10)

Dr.A.K.Sailaja

- Preparation of Diclofenac sodium loaded invasomes= Anovel carrier for drug delivery; International journal of nanobiotechnology;2021,7(1)
- Preparation and evaluation of sulfasazole nanoparticles by desolvation technique; Journal of Clinical research and reports, 2021;7(5)
- Design of nanoparticle drug delivery system for non steroidal antiinflammatory agents in the treatment of autoimmune disease; 2021;Nano trends, 23(1)
- Development of diclofenac sodium loaded invasomes; A novel carrier for drug delivery, 2021; 7(1),
- Development Of Herbosomes For The Treatment Of Diabetes.Research Journal Of Nanoscience And Engineering.Volume 4, Issue 2, 2020, 16-23
- Comparative study of various brands of synthetic hair gels and herbal hair gels;ADITUM; 2021,4(5)
- Biodegradable polymers and their applications in drug delivery systems; Journal of pharmaceutical research and development; 2021;
- Nanosuspension - novel technique for solubility enhancement ; International journal of nanomaterials and nanostructures;2021;7(2)
- An overall review on recent advancement in coating techniques, 2021; 2(4),
- Formulation Of Herbal Face Pack To Treat Blemishes. Vol 8, Issue 2, Mar-Apr 2021, 22-29
- An overall review on permeation enhancers in drug delivery systems; 2021'4(3)
- An overall review on novel drug delivery system and its application 2021;7(1)

- An overall review on role of automation in the Pharmaceutical Industry, Adtum Journal of clinical and biomedical research, 2022; 4(2)
- Medical capsule robots: an overview on wireless capsule endoscope;2022, 5(4)
- Ayurvedic formulations for the treatment of Covid-19; Biomedical research and Clinical reviews, 2022; 6(4)
- Formulation And Evaluation Of Liposomal Drug Delivery System For Sulfasalazine. Current nanomedicine , 2021
- Formulation and evaluation of methotrexate solid lipid nanoparticles by micro emulsion technique.2022, Current Nanomaterials
- Formulation And Evaluation Of Naproxen Sodium Loaded Invasomes For Topical Delivery. Current nanomedicine 2022

Dr. M. P Kusuma

- Design, formulation and optimization of rutin trihydrate emulgel by response surface methodology IJPSR, 2021; 11(11): 5799-5804.
- Investigation of Invitro antimicrobial and analgesic activity of polyherbal extract. International journal of Biology, Pharmacy and allied sciences, 2021,10(4);1132-1136
- Formulation and evaluation of sustained release matrix tablets of Oseltamivir phosphate, Advances in Bioresearch. 2021;12(3):49-58

Dr. G. Uma Rani

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- Gene therapy, A Recent Advances In Covid 19 ,European Journal Of Pharmaceutical And Medical Research ,Vol 8,Issue 5,2021

Dr.J. Archana

- A Cross Sectional Study On Consumer Perspective Of Covid 19 Vaccine Safety And Efficacy "Journal Of Global Trends In Pharmaceutical Sciences. 2021; 12 (4): 9614 - 9618.
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Dr.K.V.Ratnamala

- Niosome: potential carrier for targeted drug delivery; Auaditum journal of Clinical and Biomedical research;2021;4(3)
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Dr.M.Vijaya Bhargavi

- 1.Design, Molecular Docking, Synthesis and Biological Evaluation of 4, 5-Substituted 1, 2, 3-Triazoles as Anti-bacterial Agents. International Journal of Pharmaceutical Sciences and Nanotechnology,2021;14(2);5372-5385
- 2..A review article of SGLT2 inhibitors for the treatment of diabetes and obesity. Prof.M. Sumakanth,P. Soni Dixitha, Dr.M. Vijaya Bhargavi, Journal of Pharmaceutical Sciences and Research,2021,13 (11), 640-648
- 3.A review article of Hypertrophic cardiomyopathy, Prof.M. Sumakanth, P. Soni Dixitha, Dr.M. Vijaya Bhargavi, IJPSR, 2022,13(8),3043-3055
4. Phase Transfer Catalysts, Journal Of Emerging Technologies And Innovative Research, 2022, 9(40), 515-25.

Dr.K.Sruthi

- 1.Meher Unnisa, Dr. K. Sruthi, M. Sumakanth, *In Silico* Approaches for the Design of Imidazolone Based Molecules as New Dual M-PGES-1/5-LO Inhibitors, JPSR, Vol. 13(9), 2021, 529-539
- 2.M. Maneesha, Meher Unnisa, Dr. K. Sruthi, M. Sumakanth, *In-Silico* Approaches for the Design and Synthesis of Potent Isatin Sulfonamide of Alpha-Glucosidase Inhibitors Implicated in Treatment of Diabetes, JPSR, Vol. 13(9), 2021, 576-585
- 3.Padma Bhavani B, Dr. Sruthi K, Prof. Sumakanth M, Samatha D, Active Site Structure Prediction, Virtual Screening And Molecular Docking For Ligands Of The Reverba Orphan Nuclear Receptor/Dnacomplex:1a6y JETIR July 2021, Volume 8, Issue 7,276-298.
4. A.Neha, Dr. Sruthi K, Padma Bhavani B, Prof. Sumakanth M, Active Site Structure Prediction, Virtual Screening and Molecular Docking for Ligands of Orphan Oestrogen Related Receptor Gamma:2EWP, IJARESM, Volume 9, Issue 8, August -2021,277-285.
- 5.Structure Based Virtual Screening Of Indole Derivatives As Anti Nipah Viral Agents, Jetir January 2021, Volume 8, Issue 1,480-491.
- 6.*In Silico* Approaches for the Design of Imidazolone Based Molecules as New Dual M-PGES-1/5-LO Inhibitors, Journal of Pharmaceutical Sciences and Research, 13(9), 2021, 529-539
7. *In-Silico* Approaches for the Design and Synthesis of Potent Isatin Sulfonamide of Alpha-Glucosidase Inhibitors Implicated in Treatment of Diabetes, Journal of Pharmaceutical Sciences and Research, Vol. 13(9), 2021, 576-585

Dr.K.Bhavya sri

- Analytical method development and validation of Bumetanide using RP-HPLC method in bulk and pharmaceutical dosage form, High technology letters 2022, 28(3.566-573.
- RP-HPLC Method Development And Validation For Determination Of Tigecycline In Bulk And Pharmaceutical Dosage Form, Journal Of Pharmaceutical Research International, 2021, 8, 273-282
- RP-HPLC Method for Dapagliflozin and Metformin Hydrochloride in Bulk and Combined Formulation." Archives Of Pharmacy Practice 2021; 4(12)
- UV-Visible spectroscopy method development and its validation for the analysis of marketed hair dyes for amine content, 2022
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- 2021 RP-HPLC Method for Dapagliflozin and Metformin in HCL in Bulk and Combined Formulation - Archives of Pharmacy Practice , 12(4), 2022.
- Spectrophotometric determination of Sodium Lauryl Sulphate content in different brands of shampoos- International Journal of Biology Pharmacy and Allied Sciences 11(11) , 2277-4998, 2022.
- Raman Spectroscopy in Reverse Engineering -junior pharmaceutical sciences and research 14(7), 776-782, 2022.
- Development and Validation Of UV Spectrophotometric Method For Simultaneous Estimation Of Sitagliptin And Metformin In Bulk And Combined Pharmaceutical Formulation - Journal of Young Pharmacists , 14(2), 0975-7066, 2022
- Method development , validation and stress studies of valacyclovir HCL in bulk and Pharmaceutical dosage form using RP-HPLC, 22-098, 2022

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- Method development ,validation and stress studies of valacyclovir HCL in Bulk and Pharmaceutical dosage form using RP-HPLC,22-098, 2022
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Zeenath banu

- Assessment Of The Knowledge And Perceptions Of Pharmacy Students Towards Pharmacovigilance And ADR Reporting” International Journal Of Pharmacy And Pharmaceutical Research; 2021; 22 (1): 478-488.

Kavitha Marati

- Effect Of Nicardipine On Pharmacokinetics And Pharmacodynamics Sitagliptine In Normal And Diabetic Rats.International Journal Of Pharmaceutical Research And Applications.2021.6(2), 216-222 .