

3.3.2 Number of Book chapters in edited volumes/Books published and papers published in National/International Conference proceedings during academic Year 2020-21

The faculty of the institution has contributed to the book/book chapters and conference proceedings for the academic year 2020-21 as mentioned below:

Total number of Book/Bookchapters Published - **08**



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3.3.2 Number of Book chapters in edited volumes/Books published and papers published in National/International Conference proceedings during academic Year 2020-21



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3.3.2 Number of Book chapters in edited volumes/Books published and papers published in National/International Conference proceedings during academic Year 2020-21




Potential Biomedical Applications of Marine Sponge-Derived Chitosan: Current Breakthroughs in Drug Delivery for Wound Care

Harekrishna Roy, Asha Gummedi & Sisir Nandi

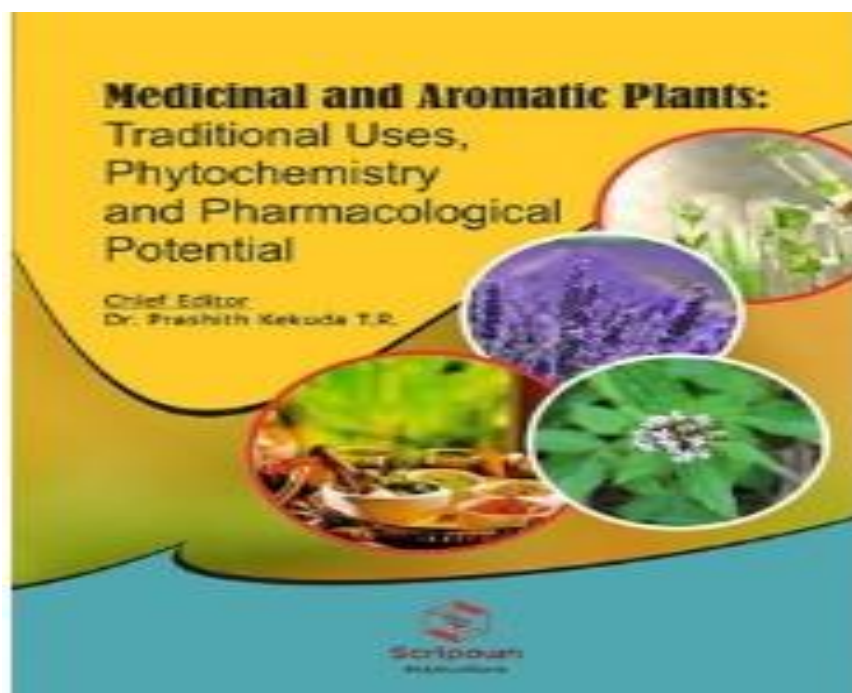
Chapter | [First Online: 21 July 2021](#)

625 Accesses | [1 Altmetric](#)




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Chapter Full-text available

Medicinal and Aromatic Plants: Traditional Uses, Phytochemistry and Pharmacological Potential

August 2021

In book: Medicinal and Aromatic Plants: Traditional Uses, Phytochemistry and Pharmacological Potential · Publisher: Scripown Publications

Project: [NANOHERBALS](#)

[Supriya Chatla](#) · Mrs.G. Sai Sri Lakshmi

Overview Stats Comments Citations References (71) ..

Abstract and figures

COVID-19 was first reported in late 2019 in Wuhan, China, and has since spread extensively in worldwide. The World Health Organization recognized this disease as a



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Oral films also called as oral wafers, oral thin films, mouth dissolving films, mouth melting films and fast dissolving films. Novel drug delivery system in the recent years was developed to enhance safety and efficacy of drug molecules by designing a suitable dosage form for administration. The oral route is the most acceptable and preferred route for drug delivery and also it has its own merits and demerits. There is a need for development of dosage form with better therapeutic efficacy and fewer side effects. Various bioadhesive mucosal dosage forms include mucoadhesive tablets, gels, ointments, patches have been developed. Recently, fast dissolving drug delivery systems has become one of the popular and acceptable drug delivery systems, because of their ease of administration and better patient compliance. This novel drug delivery system can also be beneficial for the enhancement of bioavailability of drugs. Fast dissolving films (FDFs) have attracted interest as an excellent dosage form, not only for oral care, but also for patients with aphasia or dysphasia. They can be taken with ease at any time by the patient without requiring any water for swallowing.



PAMULA REDDY BHAVANAM
SHAK ABDUL RAHAMAN

MOUTH DISSOLVING FILMS

CONVENIENT WAY OF DOSING MEDICATIONS



Dr Pamula Reddy Bhavanam Working as a Professor and HOD in the department of Pharmaceutics at Nirmala College of Pharmacy, Atmakuru, Guntur Dist and having 13 years of experience in teaching.



BHAVANAM, RAHAMAN



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Technological Innovation in Pharmaceutical Research Vol. 3

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<https://stm.bookpi.org/TIPR-V3/index>

Recent Development and Validation of RP-HPLC Method for Simultaneous Estimation of Grazoprevir and Elbasvir in Bulk and Pharmaceutical Dosage Form

Sakinala Padmavathi; Sk. Abdul Rahaman; Swapna Gaday; Kameswara Rao Sankula; Durga Bhavani Pendeti

Technological Innovation in Pharmaceutical Research Vol. 3, 12 May 2021, Page 76-85

<https://doi.org/10.9734/bpi/tipr/v3/8281D>

Published: 2021-05-12

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Abstract

Pharmaceutical analysis is a branch of practical chemistry that involves a series of process for identification, determination, quantification and purification of a substance, separation of the components of a solution or mixture, or determination of structure of chemical compounds.




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Modern Pharmaceutical Analytical Techniques

About the Authors



Dr. G. Swapna has 13 years of Teaching and research experience in the field of Pharmacy. She has published 60 research articles in various national /international journals. At present, she is guiding research projects in Pharmaceutical Analysis. She has received 15 awards from various organization. she has attained 1 patent.



Dr. Shaik Abdul Rahaman has 18 years of Teaching and Research experience in the field of Pharmacy. He has published 87 National & International articles in impact journals. He has attained 12 patents and has communicated 2 more patents in his research field. So far he has received 11 awards from esteemed organizations. He is a Ph.D. Guide.



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Modern Pharmaceutical Analytical Techniques

A Lab Manual



G. Swapna
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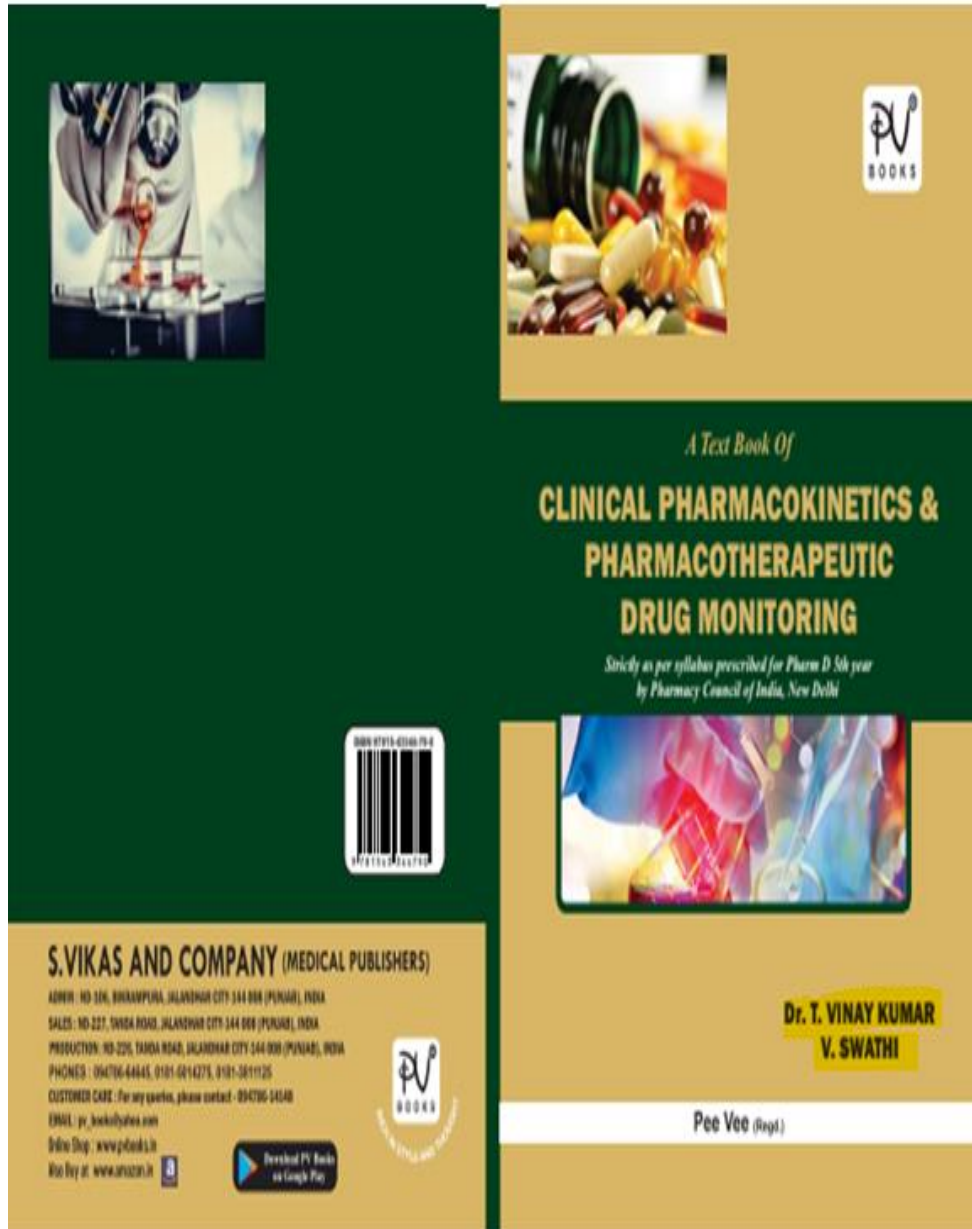


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