

(B. Pharmacy & D. Pharmacy)Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik - 422 003. (Maharashtra) India.🖙 : 0253 - 2221121, 2517003, 2510262Web : www.pharmacy.kkwagh.edu.inEmail: principal-bpharmacy@kkwagh.edu.in, disp-bpharmacy@kkwagh.edu.in

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3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years



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Link landing to the research paper, journal website & URL of the content page is provided



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3.3. Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the last five years

| Sr. No | Title of paper | Name of the author/s | Name of journal and ISSN Number | Year of publication | Link to the recognition in UGC CARE list, Scopus and Web of Science. enlistment of the Journal /Digital Object Identifier (doi) number | | URL of the content page in case print |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------|
| 110 | | | | | Link to article / paper / abstract of the article | Link to website of the Journal | journal. |
| 1 | Review on Hyphenated techniques in Analytical Chemistry | K P Baviskar, D V Jain, S D Pingale, K. S. Jain | Current Analytical chemistry (1573-4110) | 2021-2022 | <u>A Review on Hyphenated</u> <u>Techniques in Analytical</u> Chemistry Bentham Science | https://benthamscienc e.com/journals/current -analytical-chemistry. | Not applicable |
| 2 | Review on Role of Nutraceuticals In Stress Management | Prajakta Shingote, Anjali Bedse, Ashwini Asalak, Shilpa Raut , | International Journal of Pharmaceutical Sciences and Research (2320-5148) | 2021-2022 | https://ijpsr.com/bft- article/review-on-role-of- nutraceuticals-in-stress- management/ | https://ijpsr.com/ | Not applicable |
| 3 | Formulation of oxybutynin chloride microparticle- loaded suppositories: in vitro characterization and in vivo pharmacokinetic study. | H. & Dhamane, S. | Future Journal of Pharmaceutical Sciences (0975-1130) | 2021-2022 | https://doi.org/10.1186/s4309 4-022-00411-x | <u>Future Journal of</u> <u>Pharmaceutical</u> <u>Sciences Home</u> (springeropen.com) | Not applicable |
| 4 | Modified Solubility of Etodolac through Solid Dispersion and Complexation | Bhamare , Ravindra Keshavrao Kamble | Research Journal of Pharmacy and Technology (0974-3618) | 2021-2022 | https://rjptonline.org/Abstract View.aspx?PID=2022-15-2- 33 | RJPT - Research Journal of Pharmacy and Technology (rjptonline.org) | Not applicable |
| 5 | Development and Characterization of Topical | , , , | International Journal of | 2021-2022 | https://doi.org/10.37285/ijps n.2022.15.1.8 | https://ijpsnonline.co m/ | Not applicable |



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| Sr. No | Title of paper | Name of the author/s | Name of journal and ISSN Number | Year of publication | Link to the recognition in UGC CARE list, Scopus and Web of Science. enlistment of the Journal /Digital Object Identifier (doi) number | | URL of the content page in case print |
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| 110 | | | | | Link to article / paper / abstract of the article | Link to website of the Journal | journal. |
| | Micro-Emulsion as Novel | Dhamane S. | Pharmaceutical | | | | |
| | Drug Delivery System for | | Sciences and | | | | |
| | Dapsone | | Nanotechnology | | | | |
| | | | (0974-3278) | | | | |
| 6 | Design and development | Bhamare Vaibhav | Journal of medical, | 2021-2022 | https://jmpas.com/admin/asse | https://jmpas.com | Not applicable |
| | of fast dissolving liquid | G , Kamble Ravindra | pharmaceutical and | | ts/article_issue/1648141172J | | |
| | solid formulation | K | allied science | | MPAS_JANUARY | | |
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1. Title of Paper- Review on Hyphenated techniques in Analytical Chemistry Name of Author/s- K P Baviskar, D V Jain, S D Pingale Name of Journal- Current Analytical Chemistry

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| | | Current An | alytical Chemistry, 2022, 18, 956-976 | | | | | | |
| | MINI-REVI | EW ARTICLE | | | | | | | |
| BEN | A Revie | w on Hyphenated Tech | niques in Analytical Chemistry | | | | | | |
| | Kajal Pratik Baviskar Gangurde ¹ , Siddharth | ¹ , Dipali Vivek Jain ¹ , Sushal Dilip P Ashok Shardul ¹ , Aditya Ravindra D | ingale ¹ , Shekhar Sudam Wagh ¹ , Swapnil Parashram ahale ¹ and Kishor Sanchalal Jain ^{2,*} | | | | | | |
| | ⁴ Department of Pharmaceutical Chemistry, K.K. Wagh College of Pharmacy, Dr. Babasaheb Ambedkar Technological University (Lonere), Nashik, India, ² RJSPM's College of Pharmacy, Savitribai Phule Pune University, Pune, India | | | | | | | | |
| | | combinations involving separation-separa techniques and are widely used nowaday higher degree of automation, higher samp | pharmaceutical analysis, hyphemated techniques range from the tion, separation-identification and identification-identification s, as they hold many advantages like fast accurate analysis, a le throughput, better reproducibility, specificity and sensitivity, wed systems and offer simultaneous separation and quantifica- | | | | | | |
| | ARTICLE HISTORY Reserved Descender 27, 2021 Accepted April 23, 2022 Accepted April 23, 2022 DOF | decade, their use has increased manifold a gress in this field. In the present article, an ous hyphenated techniques like LC-MS Chromatography-Mass Spectroscopy), LC as, LC-MS-MS (Liquid Chromatography- | a choing to certain that any reviews have appeared on hyphenated analytical techniques till date, in the past ade, their use has increased manifold and therefore, we thought it imperative to review the latest prosise in this field. In the present article, an attempt has been made to cover the latest information on variaby hyphenated techniques. Ike LC-MS (Liquid Chromatography-Mass Spectroscopy), GC-MS (Gas nonatography-Mass Spectroscopy), LC-MM (Cas Spectroscopy), LC-MM (Liquid Chromatography-Infra-Red Spectroscopy), as well LC-MS-MS (Liquid Chromatography-Mass Spectroscopy), LC-NMR-MS (Liquid chromatography-Mass Spectroscopy), etc. | | | | | | |
| | CressMark | Conclusion: This review describes a total of seventeen different hyphenated techniques, comprising mainly of the combinations of chromatographic techniques with spectroscopic techniques. We have tried to cover the latest information on various double hyphenated techniques like LC-MS, LC-NMR, LC-IR, HPTLC-MS, HPTLC-IR, GC-MS, GC-IR, GC-TLC, GC-AES, MS-MS, CE-MS, GC-NMR, as well as, riple hyphenated techniques like LC-MS-MS, LC-NMR-MS, LC-UV-MS, GC-MS-MS, GC-IR-MS, Mainly the principle, instrumentation, applications, and advantages of ach of the techniques are dis- cussed in this review. Also, disadvantages of a few techniques have been mentioned. | | | | | | | |
| | Keywords: Hyphenated | l techniques, separation, identification, c | quantitative, qualitative, chromatography, spectroscopy. | | | | | | |
| | chemistry means the co different analytical tec interface to separate a Mainly chromatographi spectroscopic techniquu nearly pure fractions o are separated and sub thereby producing sele cation using standards phenated technique" rat identification technique coined in 1980 by Hirse of two or more instrum | | platform. The aim of the coupling is to obtain both identifi- tation and quantification detected in a more informative manner, as compared to that with a single analytical tech- ningle techniques like fast, accurate analysis under a high degree of automation with high sample throughput leading to better reproducibility, shorter analysis time, etc. A good bumber of reviews on the topic have appeared in the litera- ture. In 2008, we comprehensively reviewed various hy- phenated techniques [2]. This review has been cited regular- ed, eviewed the applications of hyphenated techniques [3], followed by reviews by Joshi et al. in 2012 [4], Nagaiyothi at. In 2017 [5] and Meena et al. in 2019 [6]. Myphenated techniques offer many advantages over any fine standalone analytical method. By coupling two or more techniques, we can combine their advantages leading to improved analytical information, as compared to any of the individual technique solve. | | | | | | |
| | | 1875-6727/22 565.00+.00 | © 2022 Beatham Science Publishers | | | | | | |
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 Title of Paper- Review on role of nutraceuticals in stress management Name of Author/s-Prajakta Shingote, Anjali Bedse, Ashwini Asalak, Shilpa Raut, Mayur Bidkar

Name of Journal- International Journal of Pharmaceutical Sciences and Research

| LJPSR (2022), Volum | ne 13, Issue 8 | | | (Review Article) |
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| | | | a Shingote and Anjali Bedse | |
| | | | of Pharmacy, Nashik - 422003, M | labarachtra India |
| Keyword Stress, Neurob Neurotransmitters, N Correspondence to Ar Dr. Anjali Bedse Associate Professor & Department of Pharma K. K. Wigh College of Nashik - 422003, Mahi E-mail: bedseanjali19 | viology, vutraceuticals uthor: HOD, ceutics, Pharmacy, arashtra, India. | differently. When coordinated resp changes, immu physiological ch pressure, and ii psychologically at issues of unmet Treatment and pr are required. Cu medications sole Furthermore, psy stress, frequently Pharmacological symptoms while effective techniqu mutrient-reducing ar can be used for b as dietary, fibre antioxidants, and distinct and impo | tress is a complicated process, the body is exposed to stressors, mesc called "stress responses," whi tological regulation, hormone unges. Stress is the physiological displays physically as fatigue s irritation or tension. Chronic stress health care need, may develop if eventative strategies that are based ment medicines show a therapy ty address psychological or phys chotropic medicines, which are of have undesirable side effects and ci- therapy should provide advance also having a favourable safety pri- tes for dealing with stress is to e- medals. The term "nutraceutical" in and "Pharmaceuticals" for dealing d nutrient-reducing meals. Nutraceut the mitrition and therapy. Nutraceut the mitrition is tress management. The items and diets influence | it initiates a series of ich include behavioral release, and various l response to risk or or energy loss and s or despair, which are they remain untreated, on scientific evidence gap. The majority of ical stress symptoms, occasionally given for use danger of overnse, d care for all stress offle. One of the most at stress-relieving and s composed up of the g with stress is to ear ticals are products that cals include foods such saturated fatty acids, antraceuticals play a |
| INTRODUCTION endocrinologist, in healthcare in 1949, environment, as w specific response to individual's balance 1956). | troduced the The body's re vell as its s o external cue | e, a Canadian term stress in action to a novel tereotyped, non- s that disrupt an | A stressor is an individual of cause a person to respond to a biological or chemical sub conditions, external stimular causes the person to be more s Stress refers to the body's a circumstance as well as its s | r circumstances that stress. A stressor is a stance, environment tion, or event that tressed ¹ . adaptation to a new stereotyped and non- |
| QUICK RESPONSE CODE | | DOL 075-8232.13(8) 3028-35 | specific response to external stimuli that disrupt the personal balance. It's also a psychological approach to stress management and regulation that comprise understanding and preparing the body for varying conditions. Stress is a healthy and natural reaction to a tisky situation. Increased anxiety and stress | ychological approach dation that comprises |
| A SHU AND | This article can b | e accessed online on | | |
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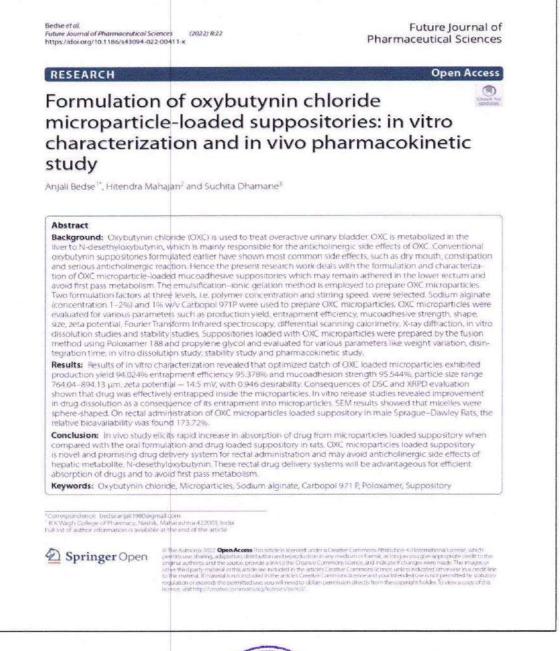




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Title of Paper- Formulation of oxybutynin chloride microparticle-loaded suppositories: in vitro characterization and in vivo pharmacokinetic study.
 Name of Author/s- Bedse, A., Mahajan, H. & Dhamane, S.
 Name of Journal- Future Journal of Pharmaceutical Sciences





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About 0

Future Journal of Pharmaceutical Sciences (FJPS) is the official journal of the Future University in Egypt. It is a peer-reviewed, open access journal which publishes original research articles, review articles and case studies on all aspects of pharmaceutical sciences and technologies, pharmacy practice and related clinical aspects, and pharmacy education. The journal publishes articles covering developments in drug absorption and metabolism, pharmacokinetics and dynamics, drug delivery systems, drug targeting and nano-technology. It also covers development of new systems, methods and techniques in pharmacy education and practice. The scope of the journal also extends to cover advancements in toxicology, cell and molecular biology, biomedical research, clinical and pharmaceutical microbiology, pharmaceutical biotechnology, medicinal chemistry, phytochemistry and nutraceuticals.







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4. Title of Paper- Modified Solubility of Etodolac through Solid Dispersion and Complexation Name of Author/s- Vaibhav Gulabrao Bhamare, Ravindra Keshavrao Kamble Name of Journal- Research Journal of Pharmacy and Technology

| | search J. Pharm. and Teci | 1. 15(2): February 2022 | |
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| ISSN 0974-3618 (Print) 0974-360X (Online) | www.rjptonl | ine.org | ARJPT |
| RESEARCH ARTICLE | | | |
| Modified Solubility of Eto | dolac through | Solid Dispersion | and Complexation |
| ¹ Department of Pancha ² Department of Pharma Old Static | Pharmaceutics, K. K. vati, Nashik, 422003 ceutics, Faculty of Pl m Road, Udaipur- 31 | | macy, s' University, |
| complexation technique. Fusion metho Solid Dispersion technique and compl- und PVPR-30 are used as carriers. Phy- prepared blends were evaluated for enhancement was observed for all the S000 and PVPR-30. Pre-and post enha | exation technique res sical mixtures were solubility, drug co experimental mixtur icement Etodolac sol | pectively. PEG-6000, prepared in different ra itent, percent yield a es having maximum a | HPMC K4M, β-Cyclodextrin tio of drug and carriers. The nd drug release. Solubility trainment for polymers PEG he successful modification in |
| olubility of drug through solid disponentiation technique. | | | the with slight edge toward |

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 DOI: 10.52711/0974-369X.2022.00113

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is absorbed from the gastro-intestinal tract with peak plasma concentrations being attained about 1-2 h after ingestion. Etodolac is poorly water soluble, and slightly soluble in simulated gastric fluid. The delayed onset of

action is the result of limited dissolution rate due to poor

solubility therefore its bioavailability is expected to be limited by its dissolution rate, which could be increased

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| Research Journal of Pharmacy and Technology Scopus coverage years: 1997, 2005, from 2011 to Present | CiteScore 2021 1.3 | 0 |
| Publisher: A and V Publication ISSN: 0974-3618 E-ISSN: 0974-360X Subject area: (Pharmacology, Toxicology and Pharmaceutics Pharmacology, Toxicology and Pharmaceutics (miscellaneou | sjr 2021 0,234 | 0 |
| (Medicine: Pharmacology (medical)) Source type: Journal | 5MIP 2021 0.618 | 0 |



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 Title of Paper- Development and Characterization of Topical Micro-Emulsion as Novel Drug Delivery System for Dapsone

Name of Author/s- Bedse A, Nikam A, Kulkarni A, Potnis V, Dhamane S. Name of Journal- International Journal of Pharmaceutical Sciences and Nanotechnology

International Journal of Pharmaceutical Sciences and Nanotechnology www.ijpsnonline.com RESEARCH PAPER Development and Characterization of Topical Micro-Emulsion as Novel Drug Delivery System for Dapsone Anjali Bedse¹ | Ajinath Nikam² | Aditi Kulkarni² | Vaishali Potnis² | Suchita Dhamane^{2*} K.K.Wegh College of Pharmacy, Nashik-422003, ABSTRACT Dapsone is a Biopharmaceutical Classification System class II drug with anti-Jayawantrao Sawant College of Pharmacy and Research, Hadapsar, Pune- 411028.Maharashtra inflammatory, immunosuppressive, antibacterial, and antibiotic properties and is used as an antileprotic. The purpose of the present study was to investigate the espondence author: Suchita Dhamane, wantrao Sawart College of Phamsacy and arch, Hadapsar, Pune- 411028, Mahanashtra. wantrao Sawarit sarch, Hadapsar, Pu potential of a microemulsion formulation for topical delivery of dapsone to enhance nesearch, Hadapsar, Pune- 4 Email ID: spd.jscopr@gmail.ci permeation and to avoid systemic side effects. When administered orally, dapsone undergoes hepatic metabolism. Its hepatic metabolite, dapsone hydroxylamine, How to cite this article: shows systemic side effects such as hemolytic anaemia peripheral neuropathy, Bedse A, Nikam A, Kulkami A, Potnis V, Dhany sector A, Annam A, Nanami A, Fortiss V, Dharenne S, Sevelopiment and Characterization of Topical Micro-mulsion as Novel Orug Detwery System for Dapsone International Journal of Pharmaceutical Sciences and vanotechnology. 2022 Jan 1;15(1):5805-5852 nausea, and headache. A novel drug delivery system in the form of a microemulsion Deve was developed for dapsone. This is the first attempt that dapsone has been combined with chaulmoogra oil in a topical microemulsion. The primary drugs used for the treatment of leprosy are found in chaulmoogra seeds. Considering its good solubilizing capacity and its use in the treatment of leprosy, chaulmoogra oil was https://doi.org/10.37285/jpm.3022.15.1.8 chosen as the oil phase. Based on emulsification ability, Cremophor RH40 and PEG 400 were selected as surfactant and co-surfactant, respectively. A pseudo-ternary phase diagram was constructed to identify the microemulsion region. Smix (Cremophor RH40: PEG-400 in the ratio of 1:2) was most effective in imparting stability to the formulation. The selected formulation exhibited appropriate diffusion behavior (in vitro). The developed dapsone containing microemulsion formulation exhibited the optimal homogeneity, clarity, pH, type of microemulsic viscosity, percent drug content, and percent transmittance to qualify as a topical drug delivery system for local treatment of leprosy. KEYWORDS lsion, Dapsone, Topical drug delivery system, Chaulmoogra oil, Anti mycobacterial activity, HET-CAM test. membranes, bones, and testes and produces a spectrum INTRODUCTION of clinical phenotypes (Saonere, 2011) Dapsone is the principal drug in a multidrug regim recommended by the World Health Organization Leprosy, or Hansen's disease (HD), is a bacterial disease known from historic times, although curable, it continues to be a significant health problem worldwide. This recommended by the World Health Organization for treating leprosy. Dapsone is a sulfone with antidisease affects mainly the peripheral nerves and skin, but may also affect sites such as the eyes, mucous inflammatory, immunosuppressive, antibacterial and antibiotic properties. The water solubility of dapsone is EGF

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(Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, MSBTE, Mumbai & Approved by PCI)

6. Title of Paper- Design and development of fast dissolving liquisolid formulation Name of Author/s- Bhamare Vaibhav G, Kamble Ravindra K. Name of Journal- Journal of medical, pharmaceutical and allied science





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| Journal of Medical Pharmaceutical and Allied Sciences Scopus coverage years: from 2019 to 2022 | CiteScore 2021 0.1 | 0 |
| Publisher: Medic Scientific E-ISSN: 2320-7418 Subject arca: (Pharmacology, Toxicology and Pharmaceutics: Pharmacology, Toxicology and Pharmaceutics (miscellaneous)) | 5jr 2021 0.107 | 0 |
| (Pharmacology, Toxicology and Pharmaceutics: Pharmaceutical Science) View all V Source type: Journal | SNIP 2021 0.002 | 0 |
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