



ज्ञानगंगा घरोघरी

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3.2.2

Number of research papers published per teacher in the Journals notified on UGC care list in year 2023-24



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List of the Research Papers Published in A.Y.2023-24

3.3.2 Number of research papers published per teacher in the Journals notified on UGC care list in year 2023-24=09									
SR . N O	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC listment of the		
							Link to website of the Journal	Link to article/ paper/abstract of the article	Is it listed in UGC Care list
1	Nutritional significance of <i>Benincasa hispida</i>	Aryan Agarwal, Luxita Sharma, Shankar Dhobale, Nitin Deshmukh, Lokesh Barde, Harshal Tare	Pharmaceutics	International Journal of Pharmaceutical Quality Assurance (IJPQA)	2023	0975 9506	Ijpqa.com	https://impactfactor.org/PDF/IJPQA/14/IJPQA,Vol14,Issue2,Article28.pdf	Yes, Scopus Indexed

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2	A Validated Sensitive Stability Indicating HPLC Method for the Determination of Etoricoxib in Bulk and Formulation	Gayatri Dhobale, Patil K, Narkhede S, Nemade M, Rane S, Chaudhari R,	Pharmaceutical Quality Assurance	International Journal of Pharmaceutical Quality Assurance.	25 June, 2023	ISSN: 0975 9506	DOI: 10.25258/ijpqa.14.2.00	https://impactfactor.org/PDF/IJQA/14/IJQA,Vol14,Issue2,Article19.pdf	UGC



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3	Formulation And Evaluation Of Immediate Release Tablet Of Lecarndipine Hcl	CHINC HWAD E A.B.	PHAR MACU TICS	International Journal of Research in Engineering and Science	SEP.2023	ONLINE 2320-9364	https://www.ijres.org/	https://www.ijres.org/papers/Volume-11/Issue-9/11096972.pdf	YES
4	Extraction, Identification Of Quassia A. Bark Preparation And Evaluation Of Quassia Gel.	Manoj Gadhave, Thube Komal,Jadhav S.L., Gaikwad D.D.,Dhobale S.M.,Kumbhar U.R.,Rupali hande	Pharmaceutics	Journal of hospital pharmacy	24-06-2023	2348-7704	https://journalofhospitalpharmacy.in/	https://journalofhospitalpharmacy.in/johp/admin/freePDF/fp9pa8ys2ttke87470vx.pdf	Pci

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5	Preparation and evaluation of herbal gel	Manoj Gadhave, Supekar Madhuri, Jadhav S.L., Gaikwad D.D. Dhobale S.M. Kumbhar U.R., Kolhe S.S.	Pharmaceutics	Journal of hospital pharmacy	24-06-2023	2348-7704	https://journalofhospitalpharmacy.in/	https://journalofhospitalpharmacy.in/johp/admin/freePDF/imljwdma0wctsdiesbe1.pdf	Pci
6	Pharmacognostic standardization and High Performance Thin-Layer Chromatographic	Jadhav S.L. et al	Pharmaceutics	African Journal of Biological Sciences	20-05-2024	ISSN: 2663-2187	https://www.afjbs.com/	https://www.afjbs.com/uploads/paper/bd842e7572c3600d83769632b110fca8.pdf	Ugc



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	rubraL. Seed pods								
7	Antilithiatic Activity Of Polyherbal Extract On Ethylene Glycol Induced Urolithiasis In Male Wistar Rats	Jadhav S.L.etal	Pharmaceutics	International Journal of Creative Research Thoughts (IJCRT)	02-02-2024	ISSN: 2320-2882	www.ijcrt.org	https://ijcrt.org/papers/IJCRT2402054.pdf	Ugc
8	Qualitative Analysis Of Root Of <i>Beta Vulgaris L.</i>	Jadhav S.L. etal	Pharmaceutics	International Journal of Creative Research Thoughts (IJCRT)	02-02-2024	ISSN: 2320-2882	www.ijcrt.org	https://ijcrt.org/papers/IJCRT2402036.pdf	Ugc
9	In-vivo Anti-diabetic activity of Polyherbal formulation on Streptozotocin Induced diabetic Wistar Rats	Jadhav S.L. etal	Pharmaceutics	African Journal of Biological Sciences	20-05-2024	ISSN: 2663-2187		https://www.afjbs.com/uploads/paper/88606c0456e2c09cefc4df0db4796655.pdf	Ugc

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REVIEW ARTICLE

Nutritional Significance of *Benincasa hispida*

Aryan Aggarwal¹, Luxita Sharma^{1*}, Dhananjay Sharma¹, Shankar Dhobale², Nitin Deshmukh³,
Lokesh Barde⁴, Harshal Tare⁵

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ABSTRACT

Ash gourd is sometimes known as wax gourd, and its scientific name is "*Benincasa hispida*," also known as *B. cerifera*, and it is from the family- Cucurbitaceae. *B. hispida* is said to be originated from Japan and Java, but it was widely cultivated in warm climates. It is one of the most well-known crops, farmed largely due to its fruits, and is known for its nutritional and therapeutic benefits, particularly in Asia. It's a famous vegetable crop that was used both for nutrition and medicine. Volatile oils, flavonoids, saccharides, glycosides, vitamin, proteins, 3-sitosterin, minerals, carotenes, and uronic acid are among the major constituents of *B. hispida* fruits, according to phytochemical analysis. According to pharmacological studies, the pharmacological activities of this plant included central nervous effects (muscle relaxant, anxiolytic, antidepressant, in the Alzheimer's disease treatment and to reduce opiates withdrawal symptoms), antioxidant analgesic, antiasthmatic, diuretic, antiinflammatory, hypolipidemic, antidiabetic, nephroprotective, and antimicrobial. *B. hispida*'s chemical constituents and pharmacological effects were highlighted in this review. This paper discusses the cultivation, nutritional and chemical content, as well as the medical and therapeutic properties of this versatile fruit as one of the potential sources of bioactives for functional foods, among other tonics.



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RESEARCH ARTICLE

A Validated Sensitive Stability Indicating HPLC Method for the Determination of Etoricoxib in Bulk and Formulation

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Rajesh Chaudhari², Gayatri Dhobale⁴, Harshal Tare⁵

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²Department of Pharmaceutical Chemistry, Tapi Valley Education Society's Honorable Loksevak Madhukarrao Chaudhari College of Pharmacy, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra, India.

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ABSTRACT

Aim: The current research aims to create a high-resolution and validated liquid chromatographic method used for quantitative detection of etoricoxib within dosage forms that is both easy to use and reliable in terms of accuracy, sensitivity, and reproducibility.

Materials and Methods: Analysis was carried out at isocratic conditions at flow rate of 0.7 mL/min using a mobile phase consisting of 40 parts methanol to 60 parts water (0.1% OPA) at pH 3.2. The eluents were tested using UV detection at 236 nm.

Results: Etoricoxib had clearly separated peaks with a retention duration of 4.347 minutes in the optimized settings. The concentration range used to generate the calibration curve was 10 to 60 µg/mL. LoD was 0.0779 µg/mL, and upper LoQ was 0.23 µg/mL. The approach has been effective in separating a known quantity of etoricoxib, and the percentage of degradation was shown to be very low across all stress settings.

Conclusion: Etoricoxib in bulk drug and commercial formulations can be identified and quantified using the proposed method, which has been validated in accordance with ICH recommendations.

Keywords: Etoricoxib, HPLC Method, Forced degradation.

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Formulation and Evaluation of Immediate Release Tablet of Lercanidipine HCL

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Abstract:

The aim of the present research work was to develop and formulate Immediate release tablet of Lercanidipine. Lercanidipine is an antihypertensive agent. Solid dispersion of Lercanidipine was prepared by spray drying method with different polymer for improvement of solubility resulting in improved bioavailability. Immediate release tablet containing solid dispersion of Lercanidipine was compressed by direct compression method. The Immediate release properties of the tablets were achieved by the use of natural superdisintegrants for fast disintegration. The formulations were evaluated for various physical parameters, hardness, disintegration, dissolution studies and drug released mechanisms. Experimental batch number F6 formulation showed minimum disintegration time (30 sec) and maximum drug release duration of Lercanidipine spread over 1 hour.

Keywords:



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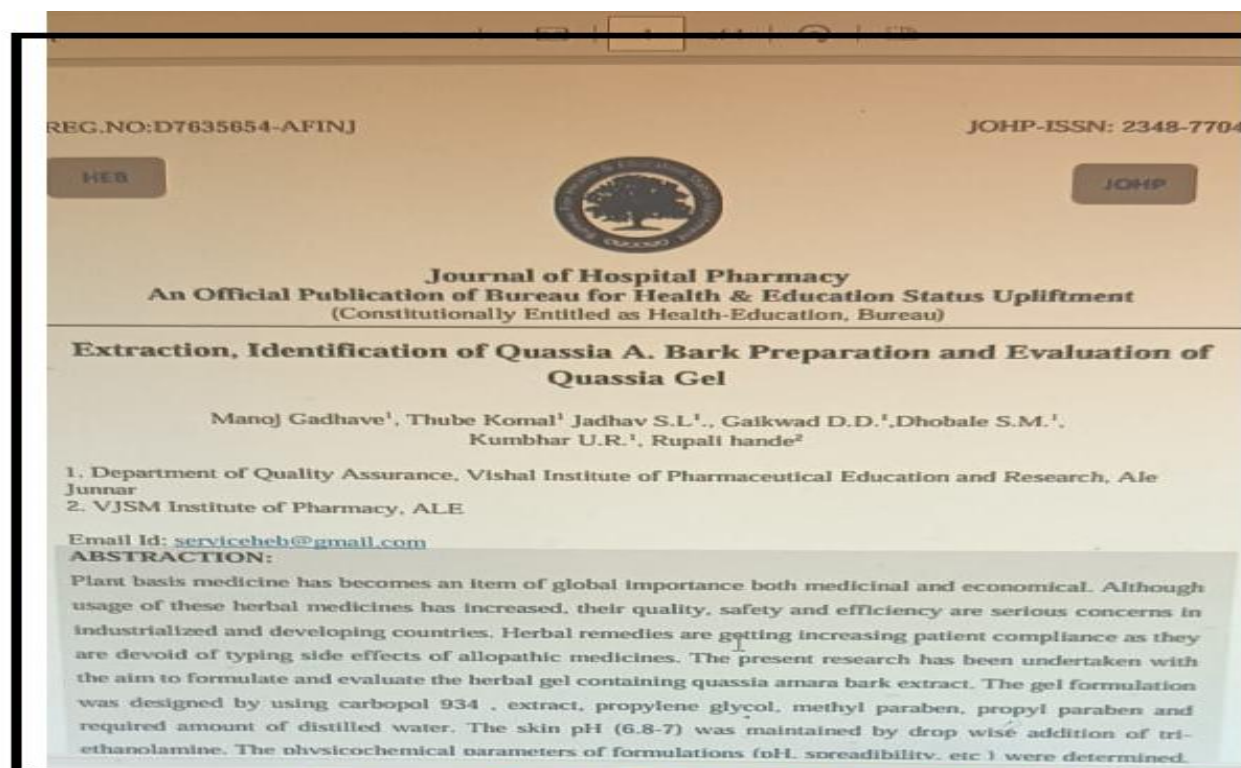


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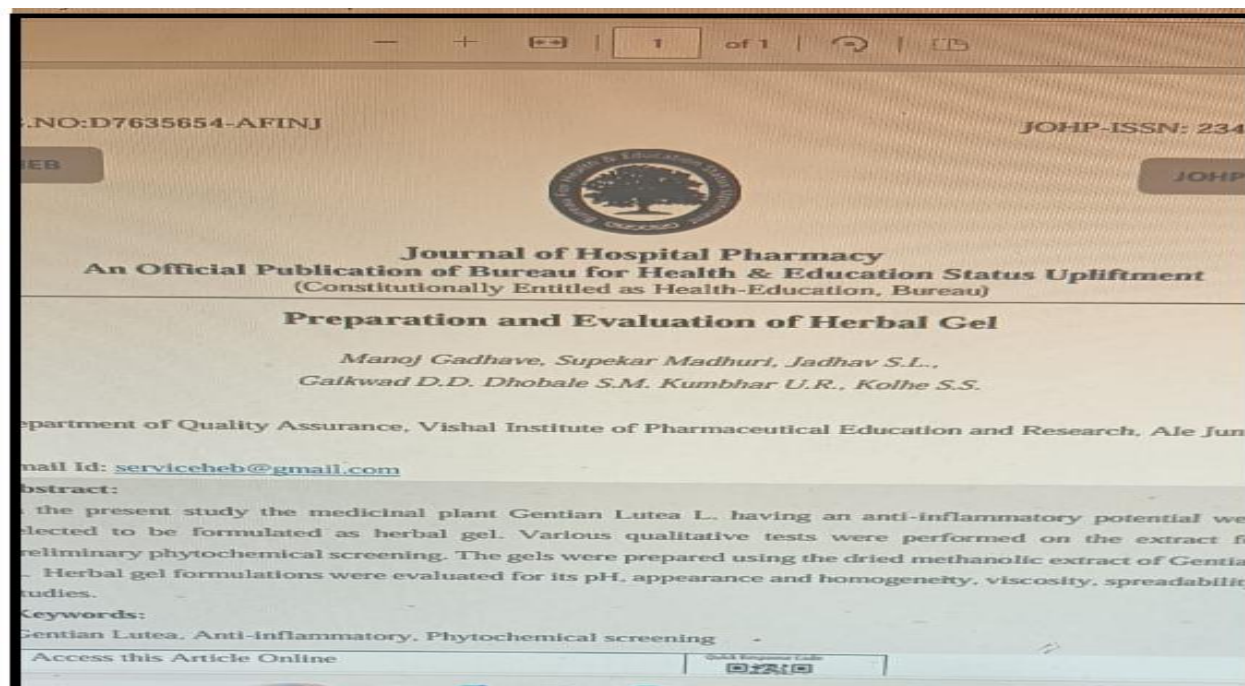


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Journal homepage: <http://www.afjbs.com>



Research Paper

Open Access

Pharmacognostic standardization and High Performance Thin-Layer Chromatographic Fingerprinting of *Plumeria rubra* L. Seed pods

Jadhav A.S.^{1*}, Dr. Rajesh Khathuriya², Dr. Jadhav S.L.³

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² Associate Professor, Pacific University, Udaipur,

³ Principal, Vishal Institute of Pharmaceutical Education and Research, Ale.
(Corresponding author: Jadhav A.S.* Email id : anuradhatajave@gmail.com)

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Abstract: *Plumeria rubra* L. is a deciduous plant belonging to genus *Plumeria*, Fam. Apocynaceae. Plant native to Mexico, south America also found in India and its tropical regions. Commonly known as Champa or Chafa and is a popular Temple tree, Garden and Park plant used for Ornamental purpose. Though indigenously it has traditional folkloric valued medicinally to treat kidney stone as Nephroprotective yet literature lacks in its Pharmacognostic and Phytochemical approach also have not been explored therapeutically. In the present study *Plumeria rubra* seed pods are studied for its Pharmacognostic and Phytochemical investigation. Seed pods are 7-9 cm in length available in pairs, showed reddish brown colour, rough fracture and coarse texture. Microscopy showed the existence of lignified fibers, vascular bundle. The physicochemical analysis shows no foreign organic matter, 3.0% average moisture content, total ash value 12.03, 0.90 acid insoluble



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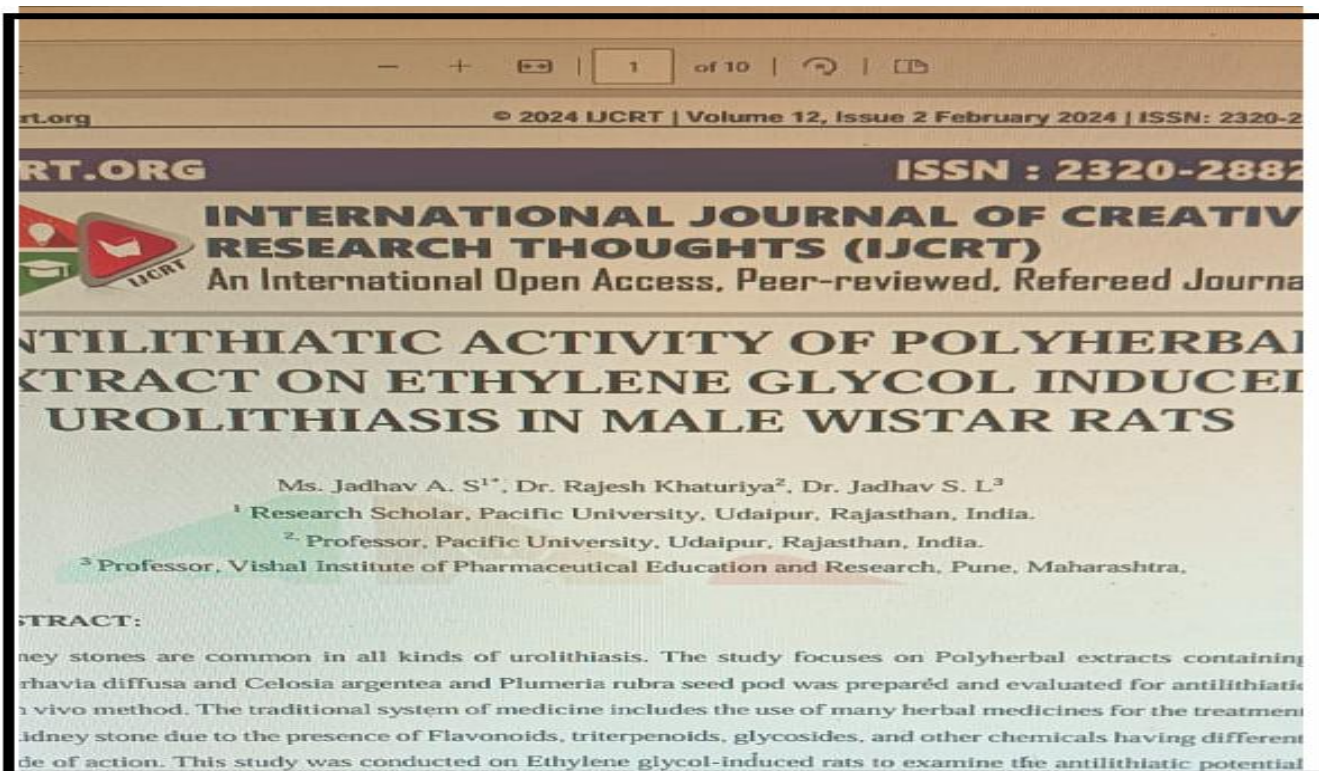


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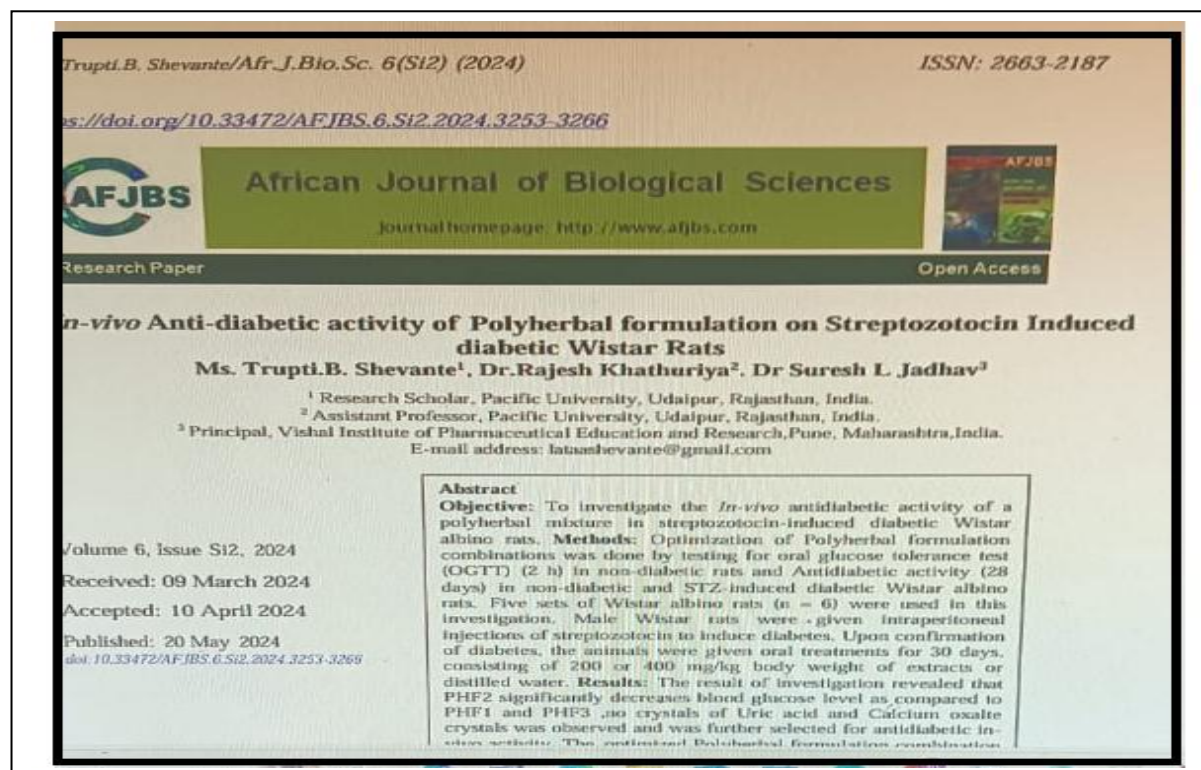


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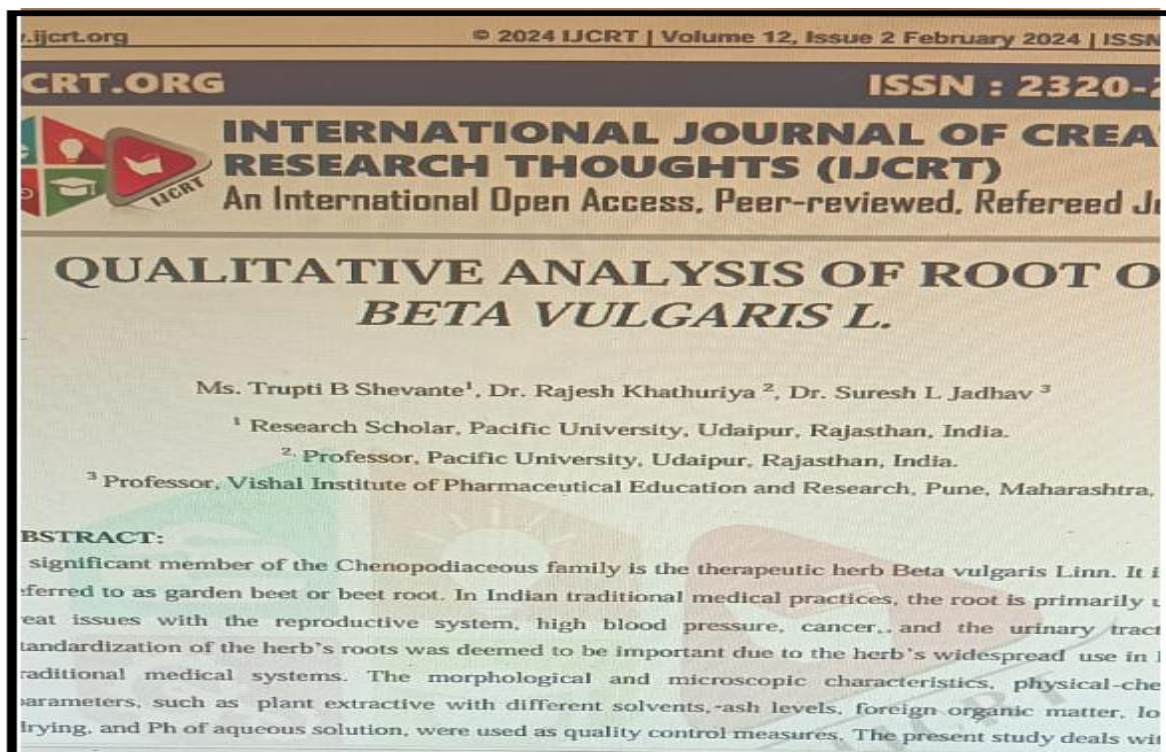


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