

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 52/2025
ISSUE NO. 52/2025

शुक्रवार
FRIDAY

दिनांक: 26/12/2025
DATE: 26/12/2025

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.20251111835 A

(19) INDIA

(22) Date of filing of Application :15/11/2025

(43) Publication Date : 26/12/2025

(54) Title of the invention : A SYNERGISTIC HERBAL FORMULATION FOR GASTROPROTECTION AND ULCER MANAGEMENT

(51) International classification	:D21H 15/06, A61N 5/00, A61N 7/00, G06F 16/3329, A61N 5/10	(71)Name of Applicant : 1)Mr. Munna Singh Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, Faculty of Pharmacy, IFTM University Lodhipur Rajput, Moradabad, Uttar Pradesh, India, Pin Code: 244102. Uttar Pradesh India 2)Dr. Sushil Kumar 3)Mr. Sateesh Kumar 4)Mrs. Iqra Habeeba 5)Mr. Saiyad Arsh Zia 6)Mr. Rahul Kumar
(31) Priority Document No	:NA	(72)Name of Inventor : 1)Mr. Munna Singh 2)Dr. Sushil Kumar 3)Mr. Sateesh Kumar 4)Mrs. Iqra Habeeba 5)Mr. Saiyad Arsh Zia 6)Mr. Rahul Kumar
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:	
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel phytochemical-based formulation comprising standardized extracts of Glycyrrhiza glabra, Curcuma longa, and Emblica officinalis encapsulated within lipid-based nanocarrier systems for enhanced gastroprotective efficacy. The formulation addresses the limitations of conventional anti-ulcer therapies by providing a dual mechanism of action involving gastric acid suppression and mucosal defense enhancement. The lipid-based encapsulation system significantly improves bioavailability, mucosal adhesion, and sustained release of active phytochemicals. Experimental validation demonstrates superior protection against ethanol-induced and NSAID-induced gastric ulcers, achieving seventy-eight percent ulcer protection compared to standard pharmaceutical interventions. The formulation exhibits potent antioxidant, anti-inflammatory, and tissue regenerative properties while maintaining excellent safety profiles. This invention offers a promising therapeutic alternative for peptic ulcer disease management with reduced adverse effects and improved patient compliance.

No. of Pages : 19 No. of Claims : 10