



PHARMACY COUNCIL OF INDIA

Sponsored

PHARMA ANVESHAN - 2026

"Future Pharma Ecosystem: Fostering Synergy among Academia, Industry, Research, Regulatory and Practice"

Organized by

G. PULLA REDDY COLLEGE OF PHARMACY (Autonomous), HYDERABAD

7th MARCH 2026

Website: www.gprcp.ac.in

Email Id: seminars@gprcp.ac.in

ORAL and e-POSTER RESEARCH WORK PRESENTATIONS

ABSTRACT FORMAT:

Title of Paper (in capital)	Font 14, Bold, Times New Roman
Name of the Author/s	Font 12, Times New Roman (Maximum Two, Must register and present)
Address of the Author	Font 12, Times New Roman E-mail of the Corresponding author
Text	Font 12, Times new roman, *About 250 words Abstract contents: <ul style="list-style-type: none">• Introduction• Aim & Objectives• Methodology• Results and Discussion• Conclusion• Key Words

Two candidates allowed for each presentation

Oral Presentations on

CATEGORY-I: Applied/ Published/ Granted Patents

CATEGORY-II IDEATHON (*Application of Artificial Intelligence in Pharma*)

Microsoft- Powerpoint Presentation (5 + 1 min.)

e-Poster Presentation details

Original Innovative Research - Single Powerpoint Slide (5 + 1 min.)

Last Date:

Abstract submission: 02-03-2026

Registration : 02-03-2026

Abstract Acceptance Intimation: 03-03-2026

Submit Abstracts (MS-Word document) to seminars@gprcp.ac.in

MODEL ABSTRACT

ABSTRACT

TITLE

Author Name^{1*}, Author Name²

Authors details (Organization address, Email Id and contact number)

Abstract

In present investigation, an attempt was made to develop gastro retentive tablets of Cefpodoxime Proxetil using locust bean gum as release retarded material. Cefpodoxime Proxetil (CP) is an orally administered, extended spectrum, semi-synthetic antibiotic of cephalosporin class. CP has a short elimination half-life and also possesses high solubility, chemical, enzymatic stability and absorption profiles in acidic pH which makes CP suitable candidate for formulating it as gastro retentive dosage form for improved bioavailability. Camphor was used to get desired floating properties. The prepared Cefpodoxime Proxetil floating tablets were subjected to sintering technique, where the cross linkage within the polymeric structure was increased by exposing tablets to acetone vapors. Advantage with sintering is that prolong drug release can be attained at low hardness and low concentrations of polymers. The tablets so designed were evaluated and found to have acceptable physicochemical properties. Formulation S2 containing locust bean gum: drug (0.30 : 1.0) and camphor (10% w/w), which was exposed to acetone vapors for a period of 6 hrs has shown optimum floating properties and better dissolution profile i.e. 97.3% in 12 hrs. Hence, S2 formulation was considered as optimized formulation. The *in vitro* release data of optimized formulation was treated with mathematical equations and was concluded that drug release followed zero order kinetics (0.9599) with anomalous transport mechanism (0.5331). Based on the results it can be concluded that sintered floating tablets of Cefpodoxime containing locust bean provides a better option for controlled release action and improved bioavailability.

Key words: Cefpodoxime proxetil, Retardant material, Gastro retentive floating tablets and Sintering technique.

CATEGORY- II IDEATHON

ABSTRACT FORMAT:

Title (in capital)	Font 14, Bold, Times New Roman
Name of the Author/s	Font 12, Times New Roman (Maximum Two, Must register and present)
Address of the Author	Font 12, Times New Roman Authors details (Organization address, Email Id and contact number)
Text	Font 12, Times new roman, *About 250 words Abstract contents: <ul style="list-style-type: none">• Problem statement• Proposed AI solution• Expected Outcomes