



Shri Sharda Bhavan Education Society's

NANDED PHARMACY COLLEGE

3.1 RESOURCE MOBILIZATION FOR RESEARCH

3.2.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2023-24

3.2.2.1 Total Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2023-24

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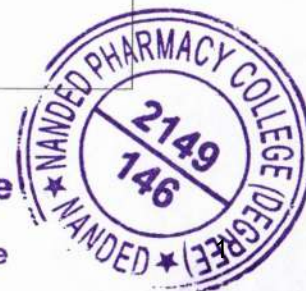
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3.2.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2023-24

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conf	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1.	Dr.S.N. Firke Dr.A.B. Roge Dr. N.B. Ghiware	A Review on floating Microspheres as Gastro-retentive Drug delivery system				National	2023	978-81-960551-2-7 Ebook-978-81-960551-3-4	Nanded pharmacy college Nanded.	Eprints AP open Archive Medical Science
2.	Dr.A.B. Roge Dr.S.N. Firke Mr. V.N. Gunjkar Dr. N.B. Ghiware	Study about Ethosomes: A Novel Approach in Transdermal Drug delivery system				National	2023	978-81-961090-5-9 Ebook-978-81-961090-3-5	Nanded pharmacy college Nanded.	STM Open Academic Medical Science
4.	Dr.S.N. Firke Dr.A.B. Roge Mr. Anupkumar Sharma	Industrial Pharmacy-I				National	2023	975-81-19489-47-3	Nanded pharmacy college Nanded.	RK Publication Coimbatore India


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5.	Mr. V.N. Gunjkar Mr. Anupkumar Sharma	Biopharmaceutics and Pharmacokinetics				National	2023	978-81-19425-28-0	Nanded pharmacy college Nanded.	Shine Publication
6.	Dr. Shrinivas Sarje Mr. Akshay Daswad	Social and Preventive Pharmacy				National	2023	978-81-19425-09-9	Nanded pharmacy college Nanded.	Shine Publication
7.	Ms. Swati Tekale Mr. Akshay Daswad	Pharmacology-II				National	2023	9788119425440	Nanded pharmacy college Nanded.	Shine Publication
8.	Dr. Shrinivas Sarje Ms. Shagufta Farooqui	Pharmacology-II				National	2023	9798864463727	Nanded pharmacy college Nanded.	Walnut Publication
9.	Ms. Shagufta Farooqui	Biopharmaceutics and Pharmacokinetics				National	2023	9795856584577	Nanded pharmacy college Nanded.	Walnut Publication
10.	Ms. Shagufta Farooqui Mr. V.N. Gunjkar	Instrumental Method of Analysis				National	2023	97988631289755	Nanded pharmacy college Nanded.	Walnut Publication
11.	Mr. Anupkumar Sharma Mr. V.N. Gunjkar	Futuristic Trends in Biotechnology				National	2023	978-93-5757-541-6	Nanded pharmacy college Nanded.	Scientific international Publishing House

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12	Ms.Shagufta Farooqui	Exit exam (DPEE) For Pharmaceutical Chemistry				National	2023	9789334130218	Nanded pharmacy college Nanded.	Walnut Publication
13	Ms.Shagufta Farooqui	MCQ focused Exit exam Pharmacognosy				National	2023	9789334119909	Nanded pharmacy college Nanded.	Walnut Publication
14	Dr. N. B. Ghiware	Pharmacology-I				National	2024	978-81-973455-0-0	Nanded pharmacy college Nanded.	Pkart publication Lucknow
15	Dr. N. B. Ghiware	Labrotary manual of Biochem				National	2024	978-81-969779-3-1	Nanded pharmacy college Nanded.	Trinity Publishing House, Satara


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A Review on Floating Microspheres as Gastro-retentive Drug Delivery System

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and Nitin B. Ghiware ^{ak}

DOI: 10.9734/bpi/cops/v1/17077D

ABSTRACT

Apart from providing improved bioavailability of poorly absorbed drugs and a required release profile, the Gastroretentive drug delivery system has piqued the interest of pharmaceutical formulation scientists. For drugs with an absorption window in the upper small intestine, a controlled drug delivery system with a prolonged residence time in the stomach can be extremely useful. Tablets, capsules, pills, laminated films, granules, and powders are among the gastroretentive dosage forms available. Floating microspheres are one of many approaches to gastroretention, including mucoadhesion, flotation, sedimentation, expansion, modified shape systems, and so on. Floating microspheres have gained popularity due to their uniform distribution in the stomach, which results in more reproducible drug absorption and a lower risk of local irritation. These systems have several advantages over single-unit dosage forms. The current review briefly discusses the physiology of gastric emptying in relation to floating drug delivery systems. The drug is slowly released at the desired rate while the system floats over the gastric contents, resulting in increased gastro-retention time and reduced fluctuations in plasma drug concentration. The goal of this review is to compile the most recent literature on the method of preparation and various parameters influencing the performance and characterization of floating microspheres.

Keywords: Floating microspheres; microballoon; gastric emptying; solvent evaporation; Ethyl cellulose.

1. INTRODUCTION

Among the various routes of drug administration, the oral route has received the most attention, owing to its ease of administration and significant flexibility in

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Study about Ethosomes: A Novel Approach in Transdermal Drug Delivery System

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and Nitin B. Ghiware ^{c#}

DOI: 10.9734/bpi/cops/v2/17078D

ABSTRACT

Ethosomal systems are newer lipid nano vesicular carriers that have been around for 20 years, but over that period they have grown significantly as a means of transdermal drug delivery. Phospholipids, ethanol at relatively high concentrations (up to 50%) and water are their main components also referred as "soft vesicles" due fluid bilayers. These nanocarriers carry medicinal substances with various physicochemical qualities throughout the skin and deep skin layers. Since they were introduced, Ethosomes have undergone substantial investigation; new substances have been added to their original composition, creating new varieties of ethosomal systems. The composition and structure of the vesicles augment their ability to entrap molecules with various physicochemical properties and deliver them to the deep strata of skin. These innovative carriers, which can be added to gels, patches, and lotions, are prepared using several novel methods. Skin bacterial and fungal infections, skin inflammation, acne vulgaris, arthritis, and skin cancer are examples of disorders managed successfully by ethosomal systems. Furthermore, Ethosomes loaded with a number of naturally occurring compounds for cosmetic applications are also reported. The efficient treatments together with a good safety profile and lack of toxicity or irritation paved the way towards the development of new dermal therapies. This review focuses on introduction, mechanism of penetration, method of production, methods of characterisation, and field application.

Keywords: *TDDS; CTDDS; NTDDS; stratum corneum; vesicular drug delivery system; ethosomes.*

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INDUSTRIAL PHARMACY-1

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Dr. Mangesh Manikrao Kumare, Mr. Anupkumar Tukaram Sharma

A Text Book of INDUSTRIAL PHARMACY-1

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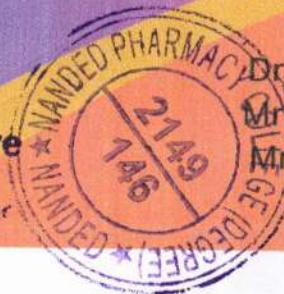
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Biopharmaceutics and Pharmacokinetics

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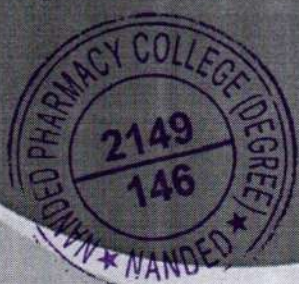
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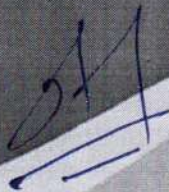


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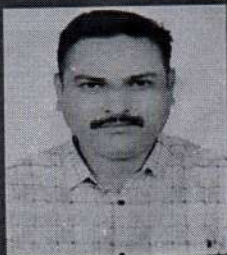
*Strictly As Per Syllabus Prescribed for B. Pharmacy,
Semester-VIII by Pharmacy Council of India, New Delhi*




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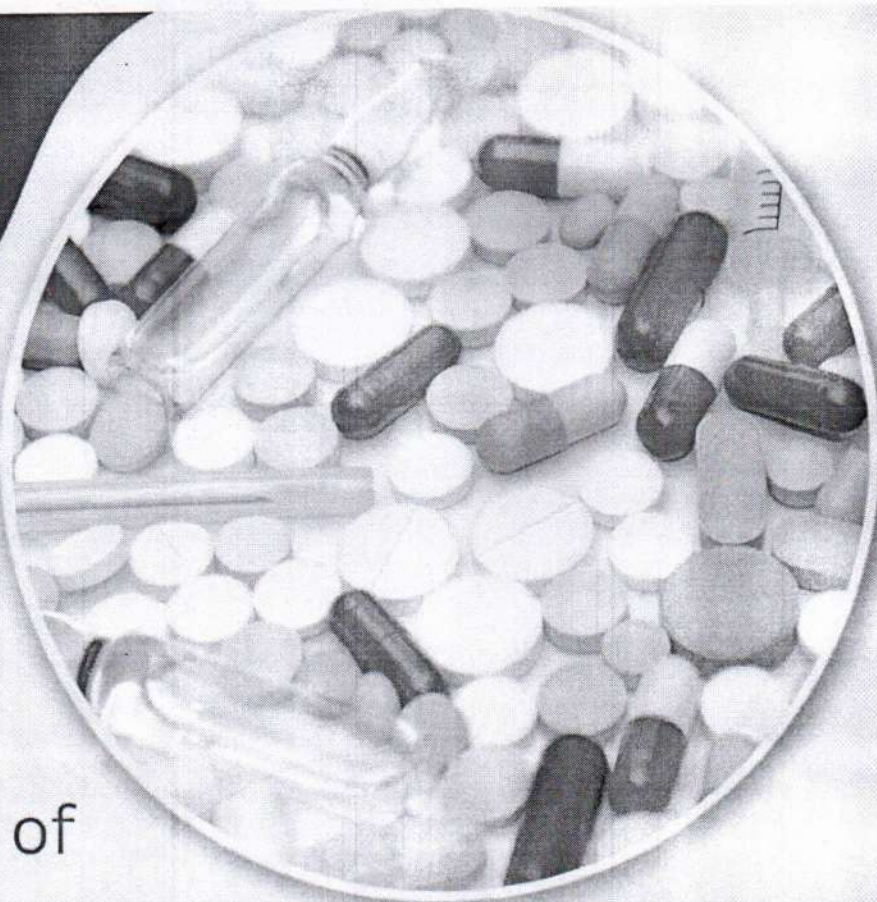
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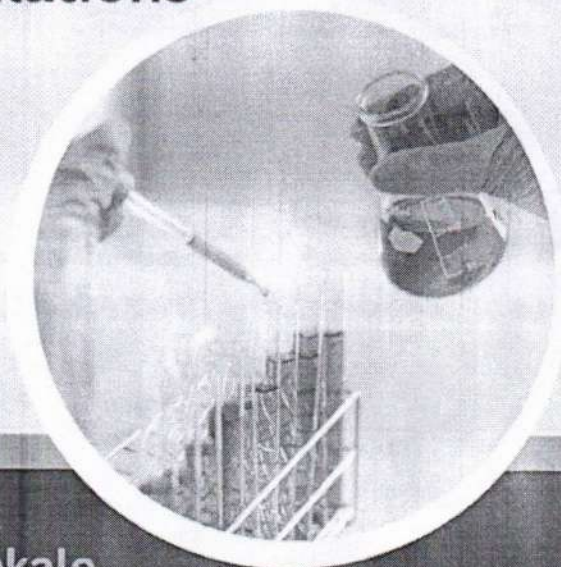
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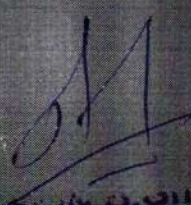
Third Year B. Pharm
Semester V



A Text Book of
PHARMACOLOGY II
As Per PCI Regulations



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A TEXT BOOK OF PHARMACOLOGY-II

As per PCI Syllabus
For B. Pharm Third Year
V Semester



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This book covers the entire syllabus for the subject Pharmacology-II set by the Pharmacy Council of India for the Students of B. Pharm Third Year Sem V.

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WILLNOT PUBLICATION



A TEXT BOOK OF
**Biopharmaceutics &
Pharmacokinetics**

AS PER PCI REGULATION

THIRD YEAR B. PHARM

SEMESTER-VI

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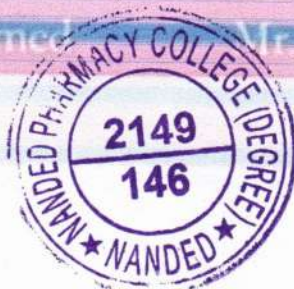
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About Book

This book covers the entire syllabus for the subject Biopharmaceutics & Pharmacokinetics set by the Pharmacy Council of India for the Students of B. Pharm Third Year VI Sem.

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ISBN 978856054577



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X

A TEXT BOOK OF INSTRUMENTAL METHOD OF ANALYSIS

AS PER PCI REGULATION


B. PHARM FOURTH YEAR

SEMESTER-VII

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ABOUT BOOK

This book covers the entire syllabus for the subject Instrumental Method of Analysis set by the Pharmacy Council of India for the Students of B. Pharm Fourth Year VII Sem.

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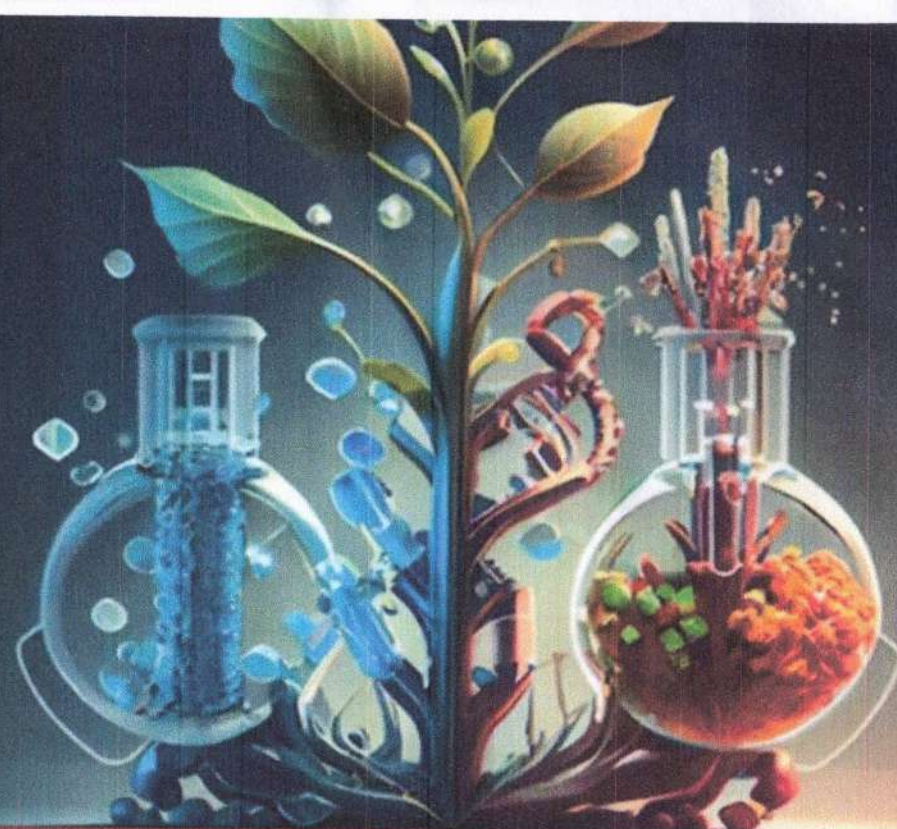


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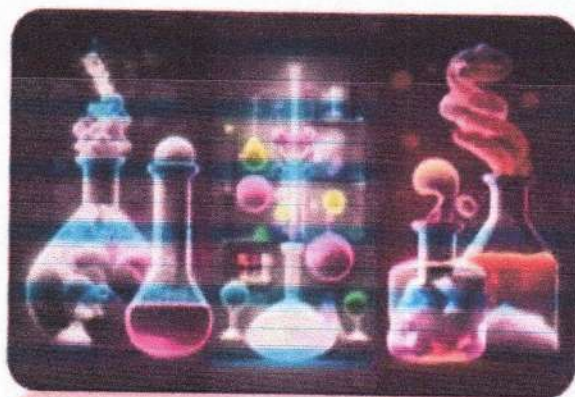
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**A BOOK OF D.PHARM
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Ms. Mohini Sanjay Mane is a distinguished academic and researcher in the field of pharmaceutical chemistry. Having completed her Master's degree in 2022, she achieved the remarkable distinction of being the University First Rank holder. A qualified PET candidate, Ms. Mane is currently pursuing her PhD at the School of Pharmacy, Swami Ramanand Teerth Marathwada University, where she also serves as an Assistant Professor. Her contributions to the field include the publication of a patent, along with active participation in both national and international conferences, as well as various training programs. Ms. Mane is dedicated to nurturing the next generation of pharmacists, having guided numerous Bachelor's students in their academic endeavors. Her expertise and commitment to research and education make her a valuable asset to the academic community.



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Currently, Mr. Ali is at the forefront of research on nanobots technology for targeted drug delivery systems. His work in this cutting-edge area reflects his relentless pursuit of innovation and his dedication to improving drug delivery mechanisms for better patient outcomes.

Mr. Ali's passion for pharmacy, his extensive contributions to research and education, and his commitment to mentoring the next generation of pharmacy professionals make him a remarkable figure in the field. His work continues to inspire and impact the world of pharmaceutical sciences.



Shaikh Etesam Ahmed, He has completed his Masters in Pharmacy (Pharmaceutical Chemistry) in 2024, currently working as a Program Co-ordinator at Pulsus Healthtech LLP. contributions to pharmacy extend beyond the labs he has also participated in various National and International Conferences and training Programs underscoring his commitment to advancing pharmaceutical knowledge. His expertise and commitment to research and education make her a valuable asset to the academic community.




Ms. Shagufta A. Farooqui is an accomplished academic and researcher, currently serving as an Assistant Professor at Nanded College of Pharmacy, Nanded, Maharashtra, India. With a Master's degree in Pharmacy, specializing in Pharmacology, she is now pursuing her Ph.D. from Swami Ramanand Teerth Marathwada University (SRTMUN).

Ms. Farooqui is highly regarded for her excellence in teaching, having guided her students to remarkable achievements, including winning top prizes in prestigious competitions such as Avishkar. Her dedication to research is reflected in her impressive portfolio of published works, including over 18 research articles in well-reputed journals, several review papers, and numerous books in the field of pharmacy. Additionally, she holds two granted patents, further underscoring her innovative contributions to the pharmaceutical sciences. Beyond her research and teaching, Ms. Farooqui has been actively involved in academic development, participating in national conferences, webinars, FDPs, and workshops. Her commitment to mentoring and guiding her students is evident in their continued success, particularly in Avishkar, where they secured first prize in two consecutive years under her leadership.

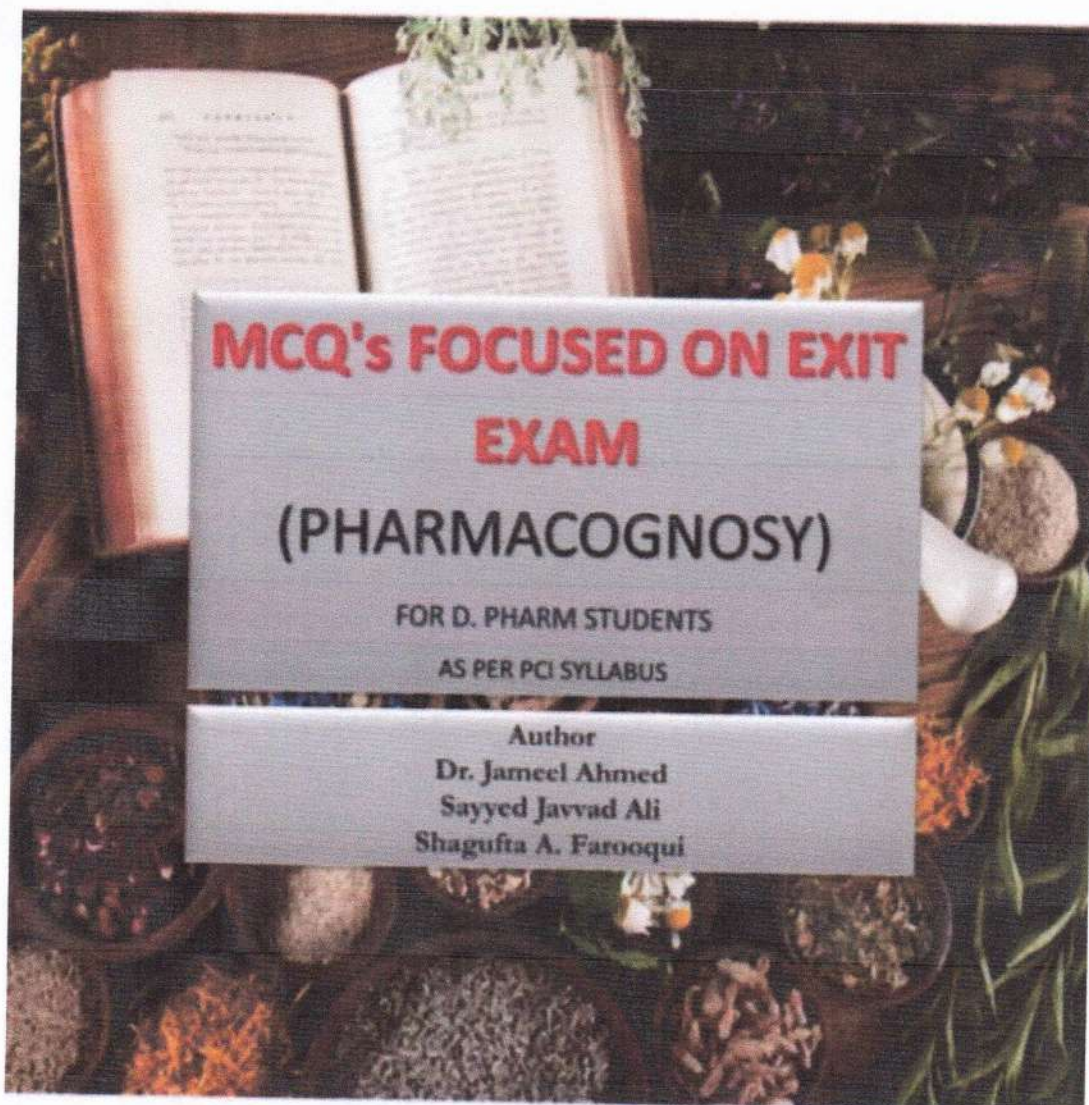



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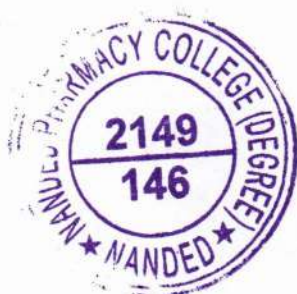
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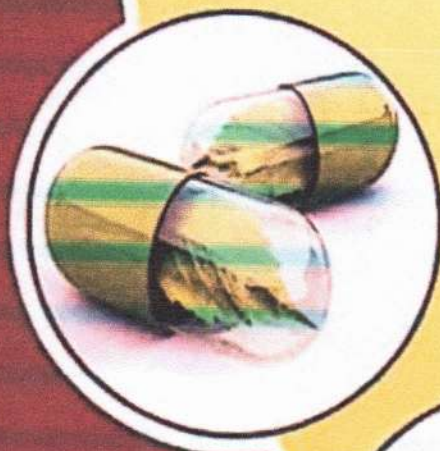
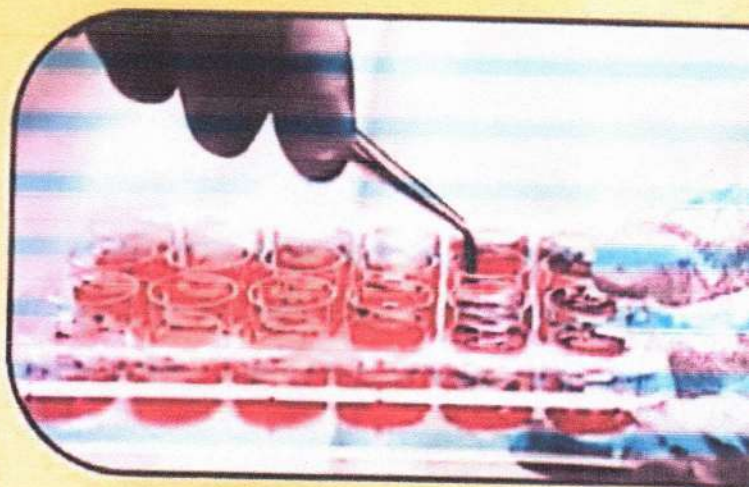

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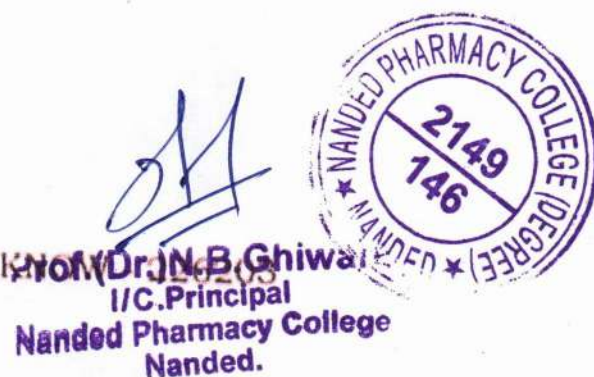
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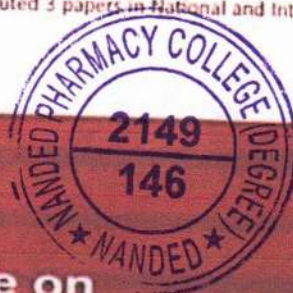
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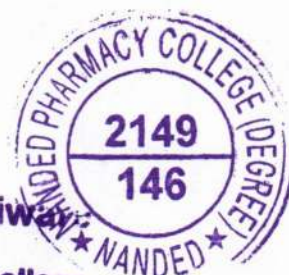


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Dr. N. B. Ghiware is Professor and Head of the Pharmacology Department at Nanded Pharmacy College, Nanded, presently he is holding responsibility of Principal. He has 30 years' experience in the teaching and more than 13-year administrative experience. He is presently nominated as Member of BOS of Pharmacology, Pharmacognosy under the faculty of Sciences and Technology, SRTM University, Nanded. His research work focuses on the pharmacological screening for antiasthmatics, psychotropic and cardioprotective agents. He has received RPS Grant from AICTE. He has published and presented research papers in National and International Journal & Conferences. He has guided 04 Ph.D. students and 04 students are working under him. He has developed Computer Aided Instruction (CAI) package for Experimental Pharmacology which is helpful for Diploma, Degree students and faculty.



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