

**GONA HANNAMMA**

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Kadapa, Andhra Pradesh

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## Career Objective

Motivated and detail-oriented B. Pharmacy graduate seeking a challenging position in the pharmaceutical industry where I can apply my academic knowledge, practical training, and passion for healthcare to contribute to the development and distribution of safe and effective medications.

## Education

**Bachelor of Pharmacy (B. Pharm)** from Jawaharlal Nehru Technological University Anantapur, Andhra Pradesh in May 2025 with 80% of marks

**Higher Secondary (Class 12) – Bi.P.C** from Board of Intermediate Education, Andhra Pradesh in 2021 with 92% of marks

**Secondary School (Class 10)** from Board of Secondary Education, Andhra Pradesh in 2019 with GPA 8.8

## Experience

1. Completed internship at Hi-Tech Pharma, Nellore, Andhra Pradesh for the period of one month as part of Industrial Training.
2. Worked in a Sri Rajeswari Pharmaceutical Medical Agency, Nellore, Andhra Pradesh for the period of eight months

## Technical Skills

- MS Office (Word, Excel, PowerPoint)
- Basic knowledge of HPLC, UV Spectroscopy, FTIR
- Prescription analysis and drug dosage calculations
- Understanding of GMP, GLP, and pharmacovigilance
- Familiar with regulatory guidelines (USFDA, WHO)

Received second place “BioPharma Samvada-2023” conference at Annamacharya college of Pharmacy, Kadapa District.

## Mini Project Work

**Title:** A Review on Niosomes in Ocular Drug Delivery System

**Abstract:** The eye is the complex organ consisting of several protective barriers and particular defense mechanism. Since this organ is exposed to various infections, genetic disorders and visual impairment. It is essential to provide necessary drugs through the appropriate delivery routes and vehicles. Nanotechnology through various nanoparticles like NIOSOMES, liposomes, micelles, dendrimers and different polymeric vesicles play an active role in ocular drug delivery system.

Non ionic surfactant niosomes has achieved remarkable popularity as best carriers for drug targeting in ocular therapeutics . Ocular dosage form has very poor bioavailability which is due to the production of tear, poor absorption, very short resident time. Now a days to achieve the desired therapeutic concentration of drug to treat the ocular diseases or disorders the application of niosomes gaining the attention at present. Niosomes which are nano vesicles composed of non-ionic surfactants are emerging nano carriers in drug delivery application due to their storage stability and cost effectiveness. Additionally they are biocompatible, biodegradable, flexible in structure and suitable for loading both hydrophilic and hydrophobic drugs.

Niosomes are gifted as an efficient carriers of drug which has possibility to lessen the side effects and enhance the therapeutic efficiency in different alignment, the growth of the niosomal drug delivery has shown promising approaches in ocular therapeutics. Hereby we review on niosomal based drug delivery approaches in ophthalmology and their preparation, niosomes strategies towards the ocular diseases

## Major Project Work

**Title:** Formulation and Evaluation of Tramedol Acid Extended Release Liquisolid Tablets

**Abstract:** In this work, an attempt has been made to prepare “Extended release liquisolid compacts of Tramadol”, an NSAID using Avicel PH-102 & Starch as carrier materials and Aerosil-200 as coating material along with a hydrophobic polymer HPMC K4M for extending the drug release, which were successfully formulated and evaluated.

From this research work we can observe that the drug release from the tablet matrix entirely differs from the liquisolid extended release compacts compared to normal extended release tablets. The main reason for this type of release is due to the absorption and subsequent adsorption of liquid medications containing drug on to the surface of carrier and coating materials.

When water penetrates the amorphous structure of microcrystalline cellulose water molecules are accommodated into the internal structure of microcrystalline cellulose in the spaces between the cellulose chains when the amount of water in the sample is below 3 wt%, and that no swelling occurs.

### **Soft Skills**

- Strong Communication & Interpersonal Skills
- Attention to detail
- Problem-solving ability
- Teamwork and adaptability

### **Languages Known**

- English
- Telugu

### **Declaration**

I hereby declare that the above information is true to the best of my knowledge and belief.

Date:

Signature

Place:

*G. Hannamma*

(GONA HANNAMMA)