

## CURRICULUM VITAE

**SUSHMA DESAI,**  
**D/O: D.SATYA PRAKASH RAO,**  
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### CAREER OBJECTIVE:

To be actively involved in research and to work in a challenging environment, there by contribute to the organization as well as my professional career.

<b>EDUCATIONAL QUALIFICATIONS:</b>			
<b>Qualification</b>	<b>Year</b>	<b>School/College</b>	<b>Percentage/CGPA</b>
M. Pharmacy (Pharmaceutics )	2013	Talla Padmavathi College of Pharmacy, Kakatiya University, Telangana.	87%
B.Pharmacy	2011	Vishwateja college of pharmacy, Kakatiya University, Telangana.	79%
Intermediate	2006	S.R.college, Warangal.	83%
S.S.C	2004	Oasis public School, Warangal.	86%

- **Qualified in Graduate Pharmacy Aptitude Test (GPAT)-2011 with 83.248 percentile.**
- **Pursuing PhD in GITAM UNIVERSITY.**

➤ **AUTHOR of forthcoming book PHARMACEUTICAL FORMULATIONS by UNNATI PUBLICATIONS.**

➤ **CERTIFIED PUBLONS ACADEMY AS REVIEWER  
RESEARCHER BADGE ID: <file:///C:/researcher/ADY-7379-2022/>**

**CERTIFICATIONS :**

- **HEALTH IN COMPLEX HUMANITARIAN EMERGENCIES from EMORY UNIVERSITY.**
- **POSITIVE PSYCHOLOGY from THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL**
- **THE SCIENCE OF SUCCESS WHAT RESEARCHERS KNOW THAT YOU SHOULD KNOW from THE UNIVERSITY OF MICHIGAN.**

**PUBLICATIONS:**

1. Formulation and evaluation of mucoadhesive tablets of furosemide by design of experiment <http://www.epj.eg.net> on **Tuesday, February 15, 2022, IP: 157.47.11.107**] Egypt Pharmaceut J 20:270–280 © 2021 Egyptian Pharmaceutical Journal 1687-4315 **IN WEB OF SCIENCE**
2. **gallery proof received REVIEW ARTICLE ON DESCRIPTION OF TABLET PUNCHING MACHINE in IJPBS JOURNAL.**

**PROFESSIONAL EXPERIENCE:**

- Presently working as faculty at **CHILKUR BALAJI COLLEGE OF PHARMACY, HYDERABAD** for B.Pharmacy & M.pharmacy Courses from 2019 to till date.
- Worked as Assistant Professor at **R.G.R.SIDDHANTHI COLLEGE OF PHARMACY, SECUNDERABAD.** For B.Pharmacy course from 2016 to 2017.
- Worked as Assistant Professor at **TALLA PADMAVATHI COLLEGE OF PHARMACY,WARANGAL** for B.Pharmacy & M.pharmacy Courses from 2014 to 2016.
- Worked as **OBSERVER, EXTERNAL EXAMINER & as EVALUATOR representing JNTUH.**

## **PROJECT:**

Carried a dissertation work on **QUICK DISSOLVING DRUG DELIVERY SYSTEMS OF ACECLOFENAC** under the guidance of Y.surendra, ASSOCIATE PROFESSOR. Talla Padmavati College of pharmacy, Warangal.

## **PROJECT DESCRIPTION:**

**INTRODUCTION:** Quick dissolving drug delivery systems (orodispersible tablets, fast dissolving films, and quick release gels) undergo disintegration or dissolution in the saliva, generally within a few seconds to a minutes, releasing the drug and inactive ingredients into the oral cavity. It provides advantages of liquid formulations in the form of solid dosage form.

**Purposes:** The present investigation was undertaken with the objective of formulating various quick dissolving drug delivery systems of Aceclofenac such as orodispersible tablets, fast dissolving films, and quick release gels for rapid dissolution of drug which may produce the rapid onset of action and also to improve the patient compliance.

**Materials and Methods:** The Orodispersible tablets were prepared by sublimation method with the selection of sodium CMC, sodium starch glycolate, sucrose and camphor as sublimating agent. Prepared tablets were carried out for invitro evaluation tests (disintegration, dissolution studies and drug content).

The fast dissolving films were prepared by solvent casting technique with the selection of water-soluble polymers like HPMCE15, HPMCK4M, Maltodextrin, citric acid, tween 80, glycerin, ethyl cellulose, PEG 400 as plasticizer, prepared films were carried out for invitro evaluation tests (disintegration, dissolution studies).

The quick release gels were prepared by solid dispersion by fusion method with the selection of water soluble polymers like maltodextrin, PVPK30 as dissolution aid. Prepared gels were carried out for invitro evaluation tests.

**Conclusion:** From the above research it can be concluded that the entire formulated quick release oral drug delivery systems like tablets, films and gels were successfully developed and all the formulations meet their acceptable criteria for pediatric and geriatric patients showing effective and faster drug release.

### **TECHNICAL SKILLS:**

- As apart of curriculum in B.pharm and M.pharm, I was involved in the various equipment handling techniques such as tablet compression machine, homogenizer, FTIR, UV/VISIBLE spectrophotometer etc.
- Computer Knowledge in Operating Systems.
- Microsoft Office applications.

### **EXTRA CURRICULAR ACTIVITIES:**

- ❖ **Presented scientific paper on:** Presented poster on “**preparation and invitro evaluation of enteric controlled release Esomeprazole magnesium loaded chitosan microspheres**” in the scientific poster session of 66<sup>th</sup> INDIAN PHARMACEUTICAL CONGRESS held at HITEX, HYDERABAD from 23<sup>rd</sup> to 25<sup>th</sup> JANUARY 2015.
- ❖ Actively participated in seminars and symposiums conducted at college and **NATIONAL** and **INTERNATIONAL** level webinars.
- ❖ Been part of and participated in **QIP** (QUALITY IMPROVEMENT PROGRAMME) at **KAKATIYA UNIVERSITY**, Warangal.
- ❖ Actively participant in National level Quiz conducted by **MYGOV QUIZ**

### **PERSONAL INFORMATION:**

NAME: SUSHMA DESAI.  
FATHER NAME: D.SATYA PRAKASH RAO.  
MOTHER NAME: D.SUHASINI.

MARITAL STATUS: MARRIED.

PERMANENT ADDRESS: SUSHMA DESAI

D/O: D.SATYA PRAKASH RAO, H.No: 11-29-118,  
SBH COLONY -II, DESHAIPET ROAD,  
POCHAMMAMAIDAN, WARANGAL URBAN,  
TELANGANA, INDIA.

**DECLARATION:**

I hereby declare that all the information furnished above is true  
to the best of my knowledge.

**Place:** HYDERABAD, India

Your's Sincerely,

SUSHMA DESA

