



Curriculum vitae

Dr. Pamula Reddy Bhavanam
D. No 3-37
AnkiReddy Palem Village
Guntur (Dist) – 522005, Andhra Pradesh, India
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Career objective

My carrier objective is to secure admission with my chosen field. Educating myself in a positive, progressive, research orientation organization and to gain as much as knowledge I can.

Qualifications

Ph.D (2015)

PhD awarded in **Pharmaceutics** from **Andhra University**, Vishakhapatnam.

Masters (2008)

Masters in Pharmacy -**Pharmaceutics**

Completed from KVSR Siddhartha College of Pharmaceutics, Vijayawada affiliated to the **Acharya Nagarjuna University**, Guntur With **71.3%**.

Bachelors (2006)

Bachelors in Pharmacy

Completed from **Sri Ramachandra University**, Porur, Chennai with **62.4%**.

Dissertations

Ph.D

Formulation and Evaluation of Oral Thin Films for three BCS Class I drugs.

Masters

Formulation and evaluation of Venlafaxine hydrochloride extended release capsules.

Bachelors

Estimation of Fenoverine hydrochloride by UV Spectrophotometric & Reverse phase HPLC technique.

Projects involved

- Enhancement of solubility of poorly soluble drugs by various techniques.
 - Formulation of extended release multiple unit dosage using ethyl cellulose.
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Skills acquired***Formulation skills***

- Formulation and evaluation of Oral dosage forms, gels, Oral thin films and their Stability studies.

Instrumental skills

- Rotary punching machine (16 station, 10 station, Rimek).
- Extruder, Friabilator, disintegration, dissolution apparatus, Viscometer, pH meter and UV- Visible Spectrophotometer.

Computational skills

Basic knowledge in computing with a good hand in operating programs.

Text Books and Book Chapters

- Author of **“Lab Manual & Objectives of Pharmaceutical Unit Operations”**(Unnati Publications)
ISBN: 978-81-84875-18-3.
- Author of **"A Systematizing Used in Pharmaceutical Industries in Pharmaceutical Engineering"** (Lambert Academic Publishing)
ISBN: 978-3-330-00864-9.
- Author of **"Mouth Dissolving Films"** (Lambert Academic Publishing)
ISBN: 978-620-2-92297-5.

- Published a Book chapter on **"Polymers in the Formulation and Characterization of Amlodipine Besylate Oral Mouth Dissolving Films"** in BP International, ISBN: 978-81-961090-5-9.

Research guidance

a) Ph D: 01 b) M Pharmacy : 31 c) B Pharmacy : 12 d) Pharm. D: 02

Research Experience

- Carried out a M Pharmacy Project Work at DRL limited, Hyderabad for a period of 6 months during the 2007.
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Teaching Experience - 15.5 Year

- Present working as a Professor & Head at **Nirmala College of Pharmacy**, Atmakuru, Mangalagiri from **01-06-2020** to till date.
 - Worked as an Associate Professor & Head at **Guru Nanak Institutions Technical campus, School of Pharmacy**, Khanapur, Ibrahimpatnam, R R Dist from **31-12-2018 to 30-04-2020**.
 - Worked as an Associate Professor & Head at **KVK College of Pharmacy**, Surmaiguda, Hayatnagar, R R Dist from **01-02-2016 to 29-12-2018**.
 - Worked as an Assistant Professor in **Malla Reddy Pharmacy College**, Maisammaguda, Secunderabad from **01-08-2013 to 29-01-2016**.
 - Worked as an Teaching Assistant in **Shri Vishnu College of Pharmacy**, Bhimavaram from **27-06-2011 to 30-07-2013**.
 - Worked as an Assistant Professor in **Vishnu Institute of Pharmaceutical Education & Research**, Narsapur, Medak Dist from **03-04-2009 to 16-06-2011**.
 - Worked as an Assistant Professor in **Shadan College of Pharmacy**, Peerancheru, Hyderabad from **05-06-2008 to 31-03-2009**.
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Papers published

- *In-Silico* Study of *Cassia Tora* Linn in the Treatment of Gaucher Disease: A Scientific Ethnomedical Study Published in **"Bulletin of Pharmaceutical Sciences Assiut University"**. (Scopus) Vol. 46, Issue 2, **2023**.

- Formulation and characterization of gastro retentive hollow microspheres filled with Nateglinide for diabetes care Published in "**European Chemical bulletin**". (Special Issue 11), (**Scopus**), 12, **2023**.
- Preparation and Characterization of Oral Fast Dissolving Film of Hydralazine HCL Published in "**Current Trends in Biotechnology and Pharmacy**", (**Scopus**) Vol. 16, Issue 2, October **2022**.
- Tamarind Seed Polysaccharide Mouth Dissolving Films For Rapid Drug Release In The Treatment Of Hypertension: *In Vitro* Evaluation, Published in "**Research Journal of Pharmacy and Technology**". (**Scopus**)Vol 14, Issue 5, May **2021**. [No of Authors **3**, **First Author**, Impact factor:**0.35**].
- A Comprehensive Review Of Phytochemical And Pharmacological Overview On *Celosia Cristata* For Future Prospective Research Published in "**Asian Journal of Pharmaceutical and Clinical Research**". (**Scopus**), Vol 13, Issue 12, Dec **2020**. [No of Authors **4**, **Fourth Author**].
- Development And Characterization Of Gastro Retentive Mucoadhesive Micro beads Containing Simvastatin With Different Cross Linking Agents Published in "**International Journal of Applied Pharmaceutics**". (**Scopus**), Vol 12, Issue 06, Nov **2020**. [No of Authors **4**, **Third Author**, Impact factor:**0.96**].
- Tamarind Seed Polysaccharide Applicable in the Formulation and Characterization of Zolpidem Tartrate Mouth Dissolving Films published in "**International Journal of Chem.Tech Research**" Vol 10, Issue 6, pp 500-505, **2017**. (No of Authors **1**).
- Applicable of Polymers in the Formulation and Characterization of Amlodipine Besylate Oral Fast Dissolving Films published in "**International Journal of Chem.Tech Research**" Vol 10, Issue 5, pp 867-873, **2017**. (No of Authors **1**).
- Formulation and development of Zolpidem tartrate fast dissolving films by using sodium CMC published in "**Indo American Journal of Pharmaceutical Sciences**" (**Web of Science**) Vol 4, Issue 9, pp 2735-2740, **2017**. (No of Authors **1**).
- Formulation and evaluation of colon specific drug delivery of press coated esomeprazole tablets published in "**Derpharmacia Sinica**", Pelagia Research Library, Vol 7, Issue 4, pp 32-43, **2016**. [No of Authors **3**, **Second Author**].
- Design and characterization of floating bilayer tablets of furosemide accepted in "**World Research Journal of Pharma Technology**", Vol 2, Issue 4, pp 21-35, **2016**. [No of Authors **4**, **Second Author**].

- Dose calculation, design and development of nateglinide matrix tablets using quality by design approach and its pharmacokinetic evaluation in animal model published in “**Journal of Pharmaceutical Investigation**” (**Springer**), Vol 45, Issue 3, pp 515-528, December **2015**. [No of Authors **6**, **Second Author**, Impact factor:**2.22**].
- Development of Simvastatin electrospun fibers: a novel approach for sustained drug delivery published in “**Journal of Pharmaceutical Investigation**” (**Springer**), Vol 44, Issue 3, pp 13-22, February **2014**. [No of Authors **5**, **Second Author**, Impact factor:**2.22**].
- Formulation and Characterization of Zolpidem tartrate Oral dissolving Films published in “**Advanced Science Engineering and Medicine**”, American scientific publishers, Vol 5, Issue 8, pp 771-776, August **2013**. [No of Authors **6**, **First Author**].
- Formulation and Characterization of Chlorpheniramine Maleate Oral dissolving Films accepted in “**Derpharmacia Sinica**”, Pelagia Research Library, Vol 4, Issue 5, pp 1-9, **2013**. [No of Authors **6**, **First Author**].
- Design and evaluation of mouth dissolving tablets of Carbamazepine “**Journal of Pharmacy Research**”, Vol 4, Issue 9, pp 3004-3006, September **2011**. [No of Authors **8**, **Second Author**].
- Evaluation of drug release kinetics from Salbutamol sulphate buccal patches using chitosan published in “**Journal of Pharmacy Research**”, Vol 4, Issue 9, pp 3119-3121, September **2011**. [No of Authors **6**, **Third Author**].
- *In Vitro* and *In Vivo* studies of oral thin films containing Bisoprolol Fumarate published in “**Asian Journal of Chemistry**”, Vol 23, Issue 9, pp 4148-4150, September **2011**. [No of Authors **4**, **Fourth Author**, Impact factor:].
- Formulation and evaluation of Levofloxacin using different types and concentrations of superdisintegrants published in “**Journal of Pharmaceutical Sciences and Research**”, (**Scopus**) Vol 2, Issue 5, pp 308-313, May **2010**. [No of Authors **6**, **First Author**, Impact factor:].
- Formulation and optimization of extended release of Metformin hcl tablets by osmotic technology published in “**International Journal of Pharmacy and Technology**”, Vol 1 Issue 2, pp 163-182, **2010**. [No of Authors **6**, **Third Author**].
- Formulation and evaluation of Fenofibrate tablets using different binding agents published in “**International Journal of Innovative Pharmaceutical Research**”, Vol 1, Issue 1, pp 33-36, **2010**. [No of Authors **8**, **First Author**].

- Comparative *invitro* evaluation of commercial Metformin hydrochloride tablets published in “**Journal of Innovative Trends in Pharmaceutical Sciences**”, Vol 1, Issue 3, pp 152-157, **2010**. [No of Authors **6**, **First Author**].
- Enhanced dissolution rate of Ibuprofen by solid dispersion method published in “**Journal of Innovative Trends in Pharmaceutical Sciences**”, Vol 1, Issue 4, pp 169, **2010**. [No of Authors **6**, **Sixth Author**].
- Estimation of Fenoverine hydrochloride by UV spectrophotometric & Reverse phase HPLC technique-published in “**The Pharma Review**”, pp 152-153, August **2006**.

Patent

Published:

Published patent on **Preparation and Evaluation of Drug Loaded Nanofibers**-Application number **202341004551**.

Granted:

Ampoule sealing and Filling apparatus, **UK Design Patent** number **6296733**.

Awards

- Received a Dr APJ ABDUL KALAM Life time Achievement National Award from **IISER**, Bangalore, **2019**.
- Received a Best Researcher Award from International Scientists Awards- **INSO** **2022**.

Conferences attended

- Participated in the “**International Conference on Innovation through Interdisciplinary Approach in Healthcare Practice (Future Innovations)**” held at National College of Pharmacy, Manassery, Kerala during 03rd -05th July **2023**.
- Participated in the “**International Conference on New Horizons in Pharmaceutical, Biomedical and Biosciences**” held at Motherhood University, Roorkee, Uttarakhand during 06th May **2023**.

- Participated in the “**International Conference on Current Trends in Drug Discovery Development and Delivery**” held at KL Deemed to be University, Guntur during 21st -22nd October **2022**.
- Participated and presented paper in the “**A Two Day National Conference on Advances in Drug Delivery and Innovations in Pharma Industry**” held at Balaji Institute of Pharmaceutical Sciences, Warangal during 27th -28th March **2019**.
- Participated and presented paper in the “**2nd International Conference on Development in Pharmaceutical Sciences**” held at Scient Institute of Pharmacy, Hyderabad during 16th March **2019**.
- Participated and presented paper in the “**1st National Conference on Role of Pharmacist in Clinical Health Care System**” held at KVK College of Pharmacy, Hyderabad during 18th August **2018**.
- Participated and presented paper in the “**1st International Conference on Development in Pharmaceutical Sciences**” held at Scient Institute of Pharmacy, Hyderabad during 9th April **2018**.
- Participated and presented paper in the “**2nd International Pre- Conference Workshop on Pharmacovigilance**” held at Anurag Group of Institutions, Hyderabad during 15th -16th September **2017**.
- Participated and presented paper in the “**2nd International Conference on Innovations in Pharmaceutical Sciences**” held at Guru Nanak group of institutions, Hyderabad during 28th -29th July **2017**.
- Participated in the “**1st International Conference on Innovations in Pharmaceutical Sciences**” held at Guru Nanak group of institutions, Hyderabad during 29th -30th July **2016**.
- Participated in the “**International Conference on Emerging Trends in Pharmacy Practice**” held at MRGI auditorium, Mallareddy group of institutions, Secunderabad during 27th January **2016**.
- Participated in the “**67th IPC**” held at JSS University, Mysore during 19th to 21st December **2015**.
- Participated in the “**National Conference on Need for Paradigm Shift in Pharmaceutical care and Role of Clinical Pharmacist in Indian Hospitals**” held at MRGI auditorium, Mallareddy group of institutions, Secunderabad during 1st August **2015**.

- Participated in the "**International Conference on Nanoscience, Technology and Societal Implications**" held at C. V. Raman college of engineering, Bhubaneswar during 8th to 10th December **2011**.
- Participated in the AICTE sponsored "**National Seminar on Novel Approaches and Applications on Advanced Pharmacology and Pharmacotherapeutics**" held at SVCP, Bhimavaram during 17th & 18th September **2011**.
- Participated in the "**2nd Pharmasci@ India Symposium**" Jointly organized by NIPER Hyderabad and National university of Singapore held at NIPER Hyderabad during 3rd & 4th September **2011**.
- Participated and presented paper in the "**3rd International Conference on Current Status and Future Perspective in Pharmaceutical Sciences**" held at PES College of pharmacy, Bangalore during 19th & 20th August **2011**.

E-Conferences attended

- Participated in the International e-conference on "**Current Perspectives of Pharmacovigilance in Drug Discovery and Development**" held on 7th & 8th April **2022** at Kalinga University, Faculty of Pharmacy, Naya Raipur, Chhattisgarh, India.
- Participated in the **IPA Sponsored International e-conference on "Expanding Frontier of Pharmaceutical Research Towards Global Exigency"** Organized by Karpagam College of Pharmacy, Coimbatore, during 15th & 16th October **2020**.
- Participated in the **IPA Sponsored International e-conference on "Industry Academia Partnership: Need of the Hour"** Organized by RIPER, Ananthapuramu during 12th & 13th September **2020**.
- Participated in the **AICTE Sponsored International e-conference on "Pharmacy Practice & Therapeutics"** held at Nirmala college of Pharmacy, Mangalagiri, during 19th & 20th August **2020**.
- Participated in the **IPT International e-conference 2020 on "Recent Trends Shaping the Pharmaceutical Innovations"** held at Institute of Pharmacy & Technology, Salipur, Odisha, during 26th & 28th June **2020**.

As a Convener

- **AICTE SPICES** Sponsored workshop on "**Personalized Medicine**" held at **Nirmala College of Pharmacy** during 02nd February **2023**.
- Coordinator for the **AICTE** sponsored **ATAL FDP** on" **Nano Furtherance Of Pharmaceutical Engineering: An Industrial Perceive**" during 21st to 25th June **2021**.
- The “**1stNational Conference on Role of Pharmacist in Clinical Health Care System**” held at **KVK College of Pharmacy**, Hyderabad in association with APTI, Telangana, during 18th August **2018**.

Grants Received

S.no .	Project title	File no.	Name of Authority	Total Budget(Rs.)	Govt/Non-Govt
1	Nano Furtherance Of Pharmaceutical Engineering: An Industrial Perceive	F.NO.4-39/AICTE-SCRO/FDP/2021-22/73	AICTE-ATAL FDP	93000/-	Govt
2	Personalized Medicine	F.No.10-15/AICTE/ID C/SPICES/2021-22	AICTE-SPICES	1,00,000/-	Govt.
3	Genomic and Insilco based comprehensive identification of mutations and development of Rifampicin analogues against resistant Mycobacterium Tuberculosis Strains	SR/FST COLLEGE-/2021/1138	DST-FIST	33,00,000/-	Govt.

Professional Memberships

- Registered Pharmacist- Tamilnadu Pharmacy Council (No. **14692- A1** dated 30-01-2009).
- The Association of Pharmaceutical Teachers of India (No. **AP/LM-761** dated 05-09-2011).

Staff Development Programme Attended

- Participated in One Week UGC Networking autumn school under module B-2 on **“Nanotechnology in Drug Delivery: Promises and Concerns”** held at Punjab University, Chandigarh, during 8th to 13th October **2012**.
- Participated in the refresher course sponsored by UGC on **“Basic Principles and Teaching Methods in Pharmaceutical Sciences”** held at JNTU Hyderabad, during **07-02-2011** to **01-03-2011**.
- Participated in the staff development programme on **“Recent Advances in Design and Development of Modified Release Drug Delivery Systems”** held at Bapatla College of pharmacy, Bapatla, during 16th to 28th August **2009**.
- Participated in the staff development programme sponsored by AICTE on **“Advances in Separation Techniques as Applied to Industry”** organized by chemical engineering department, BVRIT, Narsapur, during 22nd June to 4th July **2009**.

E-FDP Attended

- Participated in Faculty Development Programme on **"Contemporary Trends In Pharmaceutical Sciences: Endeavouring To Create Frontline Health Professionals"** Organized by University school of Pharmaceutical Sciences, Rayat Bahra University, Mohali from **16-11-2020** to **21-11-2020**.
- Participated in National Level Faculty Development Programme on **"In Silico tools for Biopharmaceutics and Virtual Pharmacokinetics"** organized by Seven Hills College of Pharmacy in association with APTI from **17-7-2020** to **19-07-2020**.
- Participated in National Level six Day Faculty Development Programme on **"Recent Updates in Pharmacy Practice"** organized by G Pulla Reddy College of Pharmacy in association with IPA from **25-06-2020** to **30-06-2020**.
- Participated in National Level Five Day Faculty Development Programme on **“Re-Think And Re-Design Of Curriculum, Teaching Methods And Mode Of Teaching In Post Covid Scenario”**, Jointly Organized by IQAC, Acharya Nagarjuna University, Guntur and Young Researchers Forum, Mumbai, Maharastra from **19-06-2020** to **23-06-2020**.
- Participated in National Level Five Day Faculty Development Programme on **"Current Trends in Pharmaceutical Sciences"** organized by Anwarul Uloom

College Of Pharmacy, Hyderabad. In Association With Indian Pharmaceutical Association, Telangana State Branch held from **19-06-2020** to **23-06-2020**.

- Participated in International Faculty Development Programme on "**Innovation and Transformation on Pharmacy Research**" organized by Chalapathi Institute of Pharmaceutical Sciences in association with ISPOR from **19-06-2020** to **22-06-2020**.
- Participated in National Level six Day Faculty Development Programme on "**Innovations and Technology Developments in Pharmaceutical Sciences**" organized by CMR College of Pharmacy, in association with APTI from **10-06-2020** to **15-06-2020**.
- Participated in National level One Week Faculty Development Programme on "**Online Teaching-Learning Processes using ICT tools for Education 4.0**" organized by SVP CET in association with Computer Society of India from **08-06-2020** to **13-06-2020**.
- Participated in International Five Day Faculty Development Programme organized by A.M. Reddy Memorial College of Pharmacy, Narasaraopet, from **04-06-2020** to **08-06-2020**.
- Participated in National Level Faculty Development Programme on "**Skill Development in Pharmacy Education**" organized by GIET School of Pharmacy IQAC in association with IPA held from **01-06-2020** to **05-06-2020**.
- Participated in International One Week Faculty Development Programme on "**Innovations in Drug Delivery Systems**" organized by Bapatla College of Pharmacy in association with IPT, Sri Padmavathi Mahila Visvavidyalayam & IPA held from **31-05-2020** to **05-06-2020**.

AICTE-ATAL FDP

- Participated in Five Day Faculty Development Programme on "**QbD Tools for Drug Development**" Jointly organized by Acharya Nagarjuna University and AICTE-ATAL Academy held from **13-07-2021** to **17-07-2021**.
- Participated in Five Day Faculty Development Programme on "**Drug Engineering**" Jointly organized by Dr. Dayaram Patel Pharmacy College and AICTE-ATAL Academy held from **23-11-2020** to **27-11-2020**.
- Participated in Five Day Faculty Development Programme on "**Leadership & Excellence**" Jointly organized by Alagappa University and AICTE-ATAL Academy held from **25-09-2020** to **29-09-2020**.

AICTE -STTP

- Participated in AICTE Sponsored STTP on "**Molecular Neuroscience: From Cells to Circuits in Health Disease**" organized by Seven Hills College of Pharmacy, Tirupathi held from **18-01-2021 to 23-01-2021**.
- Participated in AICTE-ISTE Sponsored orientation programme on " **In-Silico Drug Discovery and Designs: Methods and Applications**" Organized by Bapatla College of Pharmacy, held from **01-02-2021 to 06-02-2021**.

AICTE -KAPIL (Innovation Cell)

- Attended "**National IP Literacy week**" Organized under Kalam Program for IP Literacy and Awareness held from **15-10-2020 to 23-10-2020**.

Personal Information

Full Name : Dr.Pamula Reddy Bhavanam S/o Sambi Reddy,
Date of birth : 14th August 1983,
Gender : Male,
Language known : Telugu, English, Tamil and Hindi,
Marital Status : Married,

References

Dr. M. MOHAN VARMA

Professor and Head
Department of Pharmaceutics,
Shri Vishnu College of Pharmacy,
Bhimavaram-534206,
Mobile Number: 9866006443.
E-mail : mohan_pharm@rediffmail.com

Dr.SK. ABDUL RAHAMAN

Principal & Professor
Nirmala College of Pharmacy,
Atmakuru, Mangalagiri,
Guntur, A.P-522503,
Mobile Number: 9849702527.
Email : rahamanphd@gmail.com

Declaration

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

Place:

Yours Sincerely,

Date:

Pamula Reddy Bhavanam