

# Dr. SREEHARSHA, N

## M.Pharm, PhD



### Address

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## EDUCATION

**Objective:** A position that would exploit my potentials and offer career growth.

- **Doctor of Pharmacy**, Pharmaceutics, Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka, India, **2006**. Thesis title "Drug Targeting To Lungs By Way Of Microspheres" Advisor: Professor Shobha Rani.
- **Master of Pharmacy, Pharmaceutics**, Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka, India, **2001**. Thesis title "Formulation And Evaluation Of Biodegradable Polymeric Microspheres Of A Selected Anti-Infective Drug - Gentamicin" Advisor: Professor Shobha Rani
- **Bachelor of Pharmacy**, Bangalore University, Bangalore, Karnataka, India, 1998

### Teaching Experience

| Period                      | Position Held                                                                                             | Subject Taught                                                                                                                                                                              |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Since 21/12/2022            | <b>Professor</b> , College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia            | Fundamentals of Pharmaceutics, Physical Pharmacy,<br>Pharmaceutical Dosage Form, Scientific Writing, New frontiers in Pharmaceutical Dosage Formulation, Research Proposal, Research Thesis |
| 04/April/2018 to 20/12/2022 | <b>Associate Professor</b> , College of Clinical Pharmacy, King Faisal University, Al- Ahsa, Saudi Arabia | Fundamentals of Pharmaceutics, Physical Pharmacy,<br>Pharmaceutical Dosage Form, Scientific Writing, New frontiers in Pharmaceutical Dosage Formulation, Research Proposal, Research Thesis |
| 26/Nov/2007 to 03/Mar/2018  | <b>Assistant Professor</b> , College of Clinical Pharmacy, King Faisal University, Al- Ahsa, Saudi Arabia | Pharmaceutics -1, 2, Pharmaceutics<br>Pharmaceutical Drug Delivery Systems, Scientific Writing, New frontiers in Pharmaceutical Dosage Formulation, Research Proposal, Research Thesis      |
| 24/Nov/2007 to 24/Sep/2004  | <b>Assistant Professor</b> , C.N.K. Reddy College of Pharmacy, Bangalore, INDIA.                          | Pharmaceutical Dosage Form, Pharmaceutical Drug Delivery Systems, Industrial Pharmacy, Sterile Dosage Form                                                                                  |
| 15/Mar/2004 to 22/Sep/2004  | <b>Lecturer</b> , P.E.S College of Pharmacy, Bangalore, INDIA                                             | Pharmaceutics, Physical Pharmacy, Pharmacokinetics                                                                                                                                          |

|                            |    |                                                                   |                                  |
|----------------------------|----|-------------------------------------------------------------------|----------------------------------|
| 26/Feb/2001<br>29/Feb/2004 | to | <b>Lecturer</b> , Milind College of Pharmacy,<br>Bangalore, INDIA | Pharmaceutics, Physical Pharmacy |
|----------------------------|----|-------------------------------------------------------------------|----------------------------------|

### MASTER AND DOCTORAL STUDENT SUPERVESION

1. Masters student guided: Three (King Faisal University)
2. Doctoral students guided: Three (India)

### Research Accomplishment

- Patent (#14)
- Research Publications and Review Articles (#298)
- Book/Chapters (#17)
- **Scopus**: <https://www.scopus.com/authid/detail.uri?authorId=34267608300>
- **ORCID**: <http://orcid.org/0000-0002-2058-255X>
- **Google Scholar**:  
[https://scholar.google.com/citations?hl=en&user=12QAeCIAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=12QAeCIAAAAJ&view_op=list_works&sortby=pubdate)
- **ResearcherID**: <http://www.researcherid.com/rid/A-8361-2011> **A-8361-2011**
- **Research Gate**:  
<https://www.researchgate.net/?tp=eyJlb250ZXh0Ijp7ImZpcnN0UGFnZSI6ImxvZ2luliwicGFnZSI6Il9kaXJlY3QifX0%3D>

### Patent

- 1) Katharigatta N. Venugopala, Pran Kishore Deb, Vinuta Kamat, Rangappa Santosh, Boja Poojary, Manohar S. Kugaji, Vijay M. Kumbar, Mohamed A. Morsy, Bandar E. Aldhubiab, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha N.** 5-(substitutedphenyl)-7-imino-7,8-dihydropyrimido[4,5-d]pyrimidine-2,4(1*H*,3*H*)-dione analogues as anti-inflammatory agents. UNITED STATES PATENT No. US12187733B1; Granted on January 7, 2025: Application No US18/495721; Filed on October 26, 2023. <https://www.freepatentsonline.com/12187733.html>
- 2) **Sreeharsha, N**, Anroop B Nair, Mahesh Attimarad, Katharigatta N Venugopala, Bander E Al-dhubiab, Santosh Fattepur, Teeka Sathiesh Roopashree, Arshia Shariff, Mohammed F Aldawsari, Sibghatullah Sangi. Liposome encapsulating cysteamine and resveratrol in separate compartments. UNITED STATES PATENT No. US20240325325A1; Granted on Oct 3, 2024: Application No. US18/127,862; Filed on March 29, 2023.
- 3) Katharigatta N. Venugopala, Buccioni Michela, Gabriella Marucci, Pran Kishore Deb, Mohamed A. Morsy, Bandar Aldhubiab, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha, N**, Sandeep Chandrashekhara, Sheena Shashikanth. Adenosine receptor activity of methyl/ethyl 3-(substituted benzoyl)-6,8-dimethylindolizine-2-substituted-1-carboxylates. UNITED STATES PATENT No. US11974991B1; Granted on May 7, 2024: Application No. US18/230,585; Filed on August 04, 2023. <https://patents.google.com/patent/US11974991B1/en>
- 4) Katharigatta N. Venugopala, Pran Kishore Deb, Vinuta Kamat, Rangappa Santosh, Boja Poojary, Manohar S. Kugaji, Vijay M. Kumbar, Mohamed A. Morsy, Bandar E. Aldhubiab, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha, N.** 5-(3-Substituted phenyl)-pyrimido[4,5-d]pyrimidine-2,4,7(1*H*,3*H*,8*H*)-trione derivatives as anticancer agents. UNITED STATES PATENT No. US11964982B1; Granted on April 23, 2024: Application No. US18/506,762; Filed on November 10, 2023. <https://patents.google.com/patent/US11964982B1/en>
- 5) Katharigatta N. Venugopala, Pran Kishore Deb, Melendran Pillay, Sandeep Chandrashekhara, Mohamed A. Morsy, Bandar E. Aldhubiab, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha, N**, Christophe Tratat, Sheena Shashikanth, Vijaykumar Uppar, Basavaraj Padmashali. Ethyl 2-substituted-1-(substitutedbenzoyl)-7-methylpyrrolo[1,2-a]quinoline-3-carboxylate derivatives as anti-tubercular agents. UNITED STATES PATENT

No. US11938120B1; Granted on March 26, 2024: Application No. US18/237,273; Filed on August 23, 2023.  
<https://patents.google.com/patent/US11938120B1/en>

- 6) Katharigatta N. Venugopala, Pran Kishore Deb, Vinuta Kamat, Rangappa Santosh, Boja Poojary, Manohar S. Kugaji, Vijay M. Kumbhar, Mohamed A. Morsy, Bandar E. Aldhubiab, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha, N.** 5-(3-Substituted phenyl)-pyrimido[4,5-*d*]pyrimidine-2,4,7(1*H*,3*H*,8*H*)-trione derivatives as anticancer agents. UNITED STATES PATENT No. US11932649B1; Granted on March 19, 2024: Application No. US18/234,973; Filed on August 17, 2023. <https://patents.google.com/patent/US11932649B1/en>
- 7) Katharigatta N. Venugopala, Pran Kishore Deb, Melendran Pillay, Vijaykumar Uppar, Mohamed A. Morsy, Bandar E. Aldhubiab, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha, N.** Sandeep Chandrashekhara, Basavaraj Padmashali. Substituted 7-methyl quinoline derivatives as anti-tubercular agents. UNITED STATES PATENT No. US11926627B1; Granted on March 12, 2024: Application No. US18/240,256; Filed on August 30, 2023. <https://patents.google.com/patent/US11926627B1/en>
- 8) Katharigatta N. Venugopala, Pran Kishore Deb, Melendran Pillay, Sandeep Chandrashekhara, Mohamed A. Morsy, Bandar E. Aldhubiab, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha, N.** Vijaykumar Uppar, Raghu Prasad Mailavaram, Basavaraj Padmashali. 1-Substitutedbenzoyl-4-bromopyrrolo[1,2-*a*]quinoline-3-carboxylate derivatives as anti-tubercular agents. UNITED STATES PATENT No. US11919900B1; Granted on March 5, 2024: Application No. US18/236,237; Filed on August 21, 2023. <https://patents.google.com/patent/US11919900B1/en>
- 9) Katharigatta N. Venugopala, Pran Kishore Deb, Vinuta Kamat, Rangappa Santosh, Boja Poojary, Manohar S. Kugaji, Vijay M. Kumbhar, Mohamed A. Morsy, Bandar E. Aldhubiab, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha, N.** Green synthesis of 5-(substitutedphenyl)-7-imino-7,8-dihydropyrimido[4,5-*d*]pyrimidine-2,4(1*H*,3*H*)-dione analogues as anti-inflammatory agents. UNITED STATES PATENT No. US11884677B1; Granted on January 30, 2024: Application No. US18/232,182; Filed on August 9, 2023. <https://patents.google.com/patent/US11884677B1/en>
- 10) Katharigatta N. Venugopala, Pran Kishore Deb, Melendran Pillay, Sandeep Chandrashekhara, Mohamed A. Morsy, Bandar E. Aldhubiab, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha, N.** Christophe Tratat, Sheena Shashikanth. Substituted phenyl quinolin-1-ium bromide derivative as antitubercular agents. UNITED STATES PATENT No. US11884631B1; Granted on January 30, 2024: Application No. US18/229,825; Filed on August 3, 2023. <https://patents.google.com/patent/US11884631B1/en>
- 11) Katharigatta N. Venugopala, Pran Kishore Deb, Melendran Pillay, Sandeep Chandrashekhara, Mohamed A. Morsy, Bandar E. Aldhubiab, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha, N.** Christophe Tratat, Sheena Shashikanth, Vijaykumar Uppar, Basavaraj Padmashali. Ethyl 2-substitued-1-(substitutedbenzoyl)-7-methylpyrrolo[1,2-*a*]quinoline-3-carboxylates as anti-tubercular agents. UNITED STATES PATENT No. US11845746B1; Granted on December 19, 2023: Application No. US18/237,211; Filed on August 23, 2023. <https://patents.google.com/patent/US11845746B1/en>
- 12) **Sreeharsha, N.** Anroop B Nair, Mahesh Attimarad, Katharigatta N Venugopala, Bandar Aldhubiab, Sonia Kundu, Aalok Basu, Suvadra Das, Partha Roy, Teeka Sathiesh Roopashree. Decontamination of water using guar gum derivatives and applications thereof. UNITED STATES PATENT No. US11807553B1; Granted on November 7, 2023: Application No. US18/138,262; Filed on April 24, 2023. <https://patents.google.com/patent/US11807553B1/en>
- 13) Katharigatta N. Venugopala, Bandar E. Aldhubiab, Mohamed A. Morsy, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha, N.** Christophe Tratat, Sandeep Chandrashekhara, Melendran Pillay, Pran Kishore Deb, Sheena Shashikanth. 7-Isopropyl 1-ethyl/methyl 3-(substituted benzoyl)-2-substituted indolizine-1,7-dicarboxylates as anti-tubercular agents. UNITED STATES PATENT No. US11807640B1; Granted on November 7, 2023: Application No. US18/191,407; Filed on March 28, 2023. <https://patents.google.com/patent/US11807640B1/en>
- 14) Venugopala, K.N, Mahesh Attimarad, Anroop B. Nair, **Sreeharsha, N.** Mohamed A. Morsy, Sandeep Chandrashekhara, Melendran Pillay, Pran Kishore Deb. Anti-tubercular compounds. UNITED STATES

### Research Projects Investigated/ongoing

- 1) Formulation optimization of chitosan surface coated solid lipid nanoparticles of griseofulvin: A Box-Behnken design and in vivo pharmacokinetic study, **2025**, King Faisal University, (GRANT242311); King Faisal University,
- 2) In silico modified UV spectrophotometric approaches to resolve overlapped spectra for quality control of rosuvastatin and teneligliptin formulation, **2024**, King Faisal University, (GRANT6026); King Faisal University,
- 3) Pharmacodynamic Interaction of Areca catechu with Gliclazide in Wistar Rats, **2024**, King Faisal University, (GRANT6088); King Faisal University,
- 4) Optimization and Characterization of Lamivudine-Loaded TCS-PEG/MMT Polymeric Nanocomposites for Enhanced Antiretroviral Therapy, **2024**, King Faisal University, (GRANTA216, A216); King Faisal University,
- 5) Enhancing flowability of lamivudine through quasi-emulsion solvent-diffusion (QESD) crystallization: A comprehensive study on surfactant impact, particle morphology by QbD concepts and tablet compression challenges, **2024**, King Faisal University, (241247); King Faisal University,
- 6) Ultrasonication-mediated synthesis of diblock polymer-based nanoparticles for advanced drug delivery systems: Insights and optimization, **2024**, King Faisal University's Deanship of Scientific Research and Vice-Presidency for Graduate Studies and Scientific Research; King Faisal University, (STT9109); King Faisal University,
- 7) Identification of potent indolizine derivatives against Mycobacterial tuberculosis: In vitro anti-TB properties, in silico target validation, molecular docking and dynamics studies, **2024**, Inkosi Albert Luthuli Central Hospital; University of Capetown, UCT; King Faisal University, ; Birla Institute of Technology; Department of Microbiology; National Health Laboratory Service, NHLS; Deputyship for Research & Innovation; Université fédérale Toulouse Midi-Pyrénées; Jordan University of Science and Technology, JUST; Ministry of Education - Kingdom of Saudi Arabia, MoE, (1058)
- 8) Smart Manipulated UV Spectroscopic Methods for Resolving the Overlapped Spectra for Quality Control of Two Analgesic Binary Combination Formulations, **2024**, This work was supported through the Annual Funding track by the Vice Presidency for Graduate Studies and Scientific Research, King Faisal University, Al Ahsa, Saudi Arabia [Project No. Grant A223].
- 9) Nasal Administration of Dolutegravir Loaded Nanoparticles Based Mucoadhesive in situ Gel: Design and in vivo Assessment, **2024**, King Faisal University, (5432); King Faisal University,
- 10) Enhanced Antifungal Efficacy of Transfersomal Gel Containing Clotrimazole and Miconazole Nitrate: A Novel Approach for Topical Treatment by QbD, **2024**, King Faisal University, (241943); King Faisal University,
- 11) Investigation of In vitro and In vivo Pursuits of Laurus nobilis Extract on Acetic Acid-induced Ulcerative Colitis in Wistar Rats, **2023**, Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia for funding this research work through the project number INST180.
- 12) A spotlight on application of microwave-assisted modifications of plant derived polymers in designing novel drug delivery systems, **2023**, Adichunchanagiri University; King Faisal University, (GRANT3116); King Faisal University,
- 13) Visible-light-driven selective esterification of benzaldehyde derivatives using strontium-modified 1D titanium dioxide nanotubes, **2023**, Deanship for Research & Innovation of Imam Abdulrahman bin Faisal University in Saudi Arabia, (IF-2020-019-BASRC); Deanship of Scientific Research of King Faisal University in Saudi Arabia, (630)
- 14) 5-Membered Heterocyclic Compounds as Antiviral Agents, **2023**, Deanship of Scientific Research of King Faisal University; King Faisal University, (2652)
- 15) Design, Development, and Evaluation of Constant Voltage Iontophoresis for the Transungual Delivery of Efinaconazole, **2023**, King Abdulaziz City for Science and Technology, KACST, (12-MED3163-06)

- 16) Therapeutic effects of *Crataegus monogyna* inhibitors against breast cancer, **2023**, Ministry of Education in Saudi Arabia, (INST177)
- 17) Evaluation of Anti-Depressant Activity of spirulina, a blue-green algae on Chronic Unpredictable Stress Induced Depression in Rats, **2023**, King Faisal University, (3993); King Faisal University,
- 18) From seeds to survival rates: investigating *Linum usitatissimum*'s potential against ovarian cancer through network pharmacology, **2023**, King Faisal University, (GRANT4381); King Faisal University,
- 19) Inhalable Solubilized Zileuton for Improved Lung Targeting in vitro and in vivo Analysis, **2023**, King Faisal University, (GRANT808)
- 20) Design, Development, Evaluation, and In Vivo Performance of Buccal Films Embedded with Paliperidone-Loaded Nanostructured Lipid Carriers, **2023**, Vice-Presidency for Graduate Studies and Scientific Research; King Faisal University, (GRANT3341); King Faisal University,
- 21) Solid Lipid Nanoparticles Embedded Hydrogels as a Promising Carrier for Retarding Irritation of Leflunomide, **2023**, Vice-Presidency for Graduate Studies and Scientific Research; King Faisal University, (GRANT3399); King Faisal University,
- 22) Green Synthesis and Characterization of Silver Nanoparticles of *Psidium guajava* Leaf Extract and Evaluation for Its Antidiabetic Activity, **2022**, Adichunchanagiri University; King Faisal University, (164); King Faisal University,
- 23) Optimization of process parameters for fabrication of electrospun nanofibers containing neomycin sulfate and *Malva sylvestris* extract for a better diabetic wound healing, **2022**, Adichunchanagiri University; Vidya Siri College of Pharmacy, India, (VSCOP5/8/22); King Faisal University, (GRANT748)
- 24) Poly (threonine) Modified Carbon Composite Electrode as Sensor for Amoxicillin Determination, **2022**, Al-Ahsa, (Nasher 216023); King Faisal University,
- 25) Formulation and in-vitro characterization of fast-disintegrating herbal extract sublingual immunotherapy tablet for peanut-induced allergic asthma, **2022**, Almaarefa University, (TUMA-2021-1); Taif University, (2020/257); Taif University, TU
- 26) 1, 5-Benzothiazepine Derivatives: Green Synthesis, In Silico and In Vitro Evaluation as Anticancer Agents, **2022**, King Faisal University, (1811019); King Faisal University, ; Savitribai Phule Pune University, SPPU
- 27) Discovery of 5-Methylthiazole-Thiazolidinone Conjugates as Potential Anti-Inflammatory Agents: Molecular Target Identification and In Silico Studies, **2022**, King Faisal University, (629)
- 28) Progress Report: Antimicrobial Drug Discovery in the Resistance Era, **2022**, King Faisal University, (NA000102)
- 29) Nanomaterials in Dentistry: Current Applications and Future Scope, **2022**, King Faisal University, (NA000111)
- 30) Recent Advances and Appropriate use of Niosomes for the Treatment of Skin Cancer, **2022**, Prince Sattam bin Abdulaziz University, DSR; King Faisal University, (GRANT299); Ministry of Education – Kingdom of Saudi Arabi, MOE; King Faisal University,
- 31) Formulation and Evaluation of Bendamustine Loaded Polymeric Nanoparticle, **2022**, Deanship of Scientific; King Faisal University, (NA000126); King Saud University
- 32) Standardization of topical preparations for finger-tip unit—Awareness and attitudes among pharmacists and dermatologists and suggestions to improve standardization of topical drug dosing—A two-phase cross-sectional survey, **2022**, Funding text 1: This project has received funding from theKing Faisal University, Al-Ahsa, Saudi Arabia. Group project Number-1811009 ; Funding text 2: This project has received funding from theKing Faisal University, Al-Ahsa, Saudi Arabia. Group project Number-1811009
- 33) Enhancement of Anticorrosive Performance of Cardanol Based Polyurethane Coatings by Incorporating Magnetic Hydroxyapatite Nanoparticles, **2022**, Funding: This project has received funding from theKing Faisal University, Al-Ahsa, Saudi Arabia, Grant Number-1811009.
- 34) Experimental Design Approach for Quantitative Expressions of Simultaneous Quantification of Two Binary Formulations Containing Remogliflozin and Gliptins by RP-HPLC, **2022**, King Faisal University, (1811018); King Saud University

- 35) Topical Probiotics: More Than a Skin Deep, **2022**, King Faisal University, (AN000149); King Saud University
- 36) 1, 2, 3-Triazolyl-tetrahydropyrimidine Conjugates as Potential Sterol Carrier Protein-2 Inhibitors: Larvicidal Activity against the Malaria Vector *Anopheles arabiensis* and In Silico Molecular Docking Study, **2022**, King Faisal University, (NA000107); King Saud University
- 37) Multifunctional Mesoporous Silica Nanoparticles for Oral Drug Delivery, **2022**, King Faisal University, (NA000110); King Saud University
- 38) Novel Dermal Delivery Cargos of Clobetasol Propionate: An Update, **2022**, King Faisal University, (NA000112); King Faisal University, ; King Saud University
- 39) Development of Nanocrystal Compressed Minitablets for Chronotherapeutic Drug Delivery, **2022**, King Faisal University, (NA000136); King Saud University
- 40) Formulation and Evaluation of Self-Nanoemulsifying Drug Delivery System Derived Tablet Containing Sertraline, **2022**, King Faisal University; King Faisal University, (1811021); King Saud University
- 41) Detection of Novel Candidate Mutations as A Cause of Steroid-resistant Nephrotic Syndrome in Children using Next-generation Sequencing Techniques, **2022**, Ministry of Education in Saudi Arabia, (1-442-54)
- 42) Adenosine Conjugated Docetaxel Nanoparticles—Proof of Concept Studies for Non-Small Cell Lung Cancer, **2022**, Ministry of Education in Saudi Arabia, (IFPRC-070-249-2020); Prince Sattam bin Abdulaziz University, DSR; King Abdulaziz University, KAU
- 43) Electrochemical sensing of antibiotic drug amoxicillin in the presence of dopamine at simple and selective carbon paste electrode activated with cetyltrimethylammonium bromide surfactant, **2022**, N. Hareesha thanly acknowledges the financial support to the Department of Science and Technology (DST), India for the INSPIRE Fellowship (Registration number: IF180479).
- 44) Knowledge and Attitude of Taif University Students on Stem Cell Banking, **2022**, Taif University, (2020/257)
- 45) Perceived Stress and its Triggers among Pharmacy University Students in Comparison to Student of Other Faculties: A Cross Sectional Study, **2022**, Taif University, (TURSP 2020/257); Taif University, TU
- 46) Perspectives of Pharmacy University Students on Scientific Research in Comparison to Students from Other Health Science Disciplines, **2022**, Taif University, (TURSP-2020/53); Taif University, TU
- 47) Development, Statistical Optimization and Characterization of Fluvastatin Loaded Solid Lipid Nanoparticles: A 32 Factorial Design Approach, **2022**, This project has received funding from the King Faisal University, Al-Ahsa, Saudi Arabia. Group Project Grant Number-1811009.
- 48) Development of simple and accurate voltammetric method based on Surfactant Modified Graphene for the Determination of Rutin, **2022**, This research was funded by the Deanship of Scientific Research at King Faisal University, Al-Ahsa, Saudi Arabia (Nasher Track Grant No 216024).
- 49) Preparation of Terbinafin-Encapsulated Solid Lipid Nanoparticles Containing Antifungal Carbopol® Hydrogel with Improved Efficacy: In Vitro, Ex Vivo and In Vivo Study, **2022**, University of the Punjab, PU; AlMaarefa University, UM, (TUMA-2021-1); Taif University, (2020/288)
- 50) Intranasal Delivery of Darunavir-Loaded Mucoadhesive In Situ Gel: Experimental Design, In Vitro Evaluation, and Pharmacokinetic Studies, **2022**, King Faisal University, ; King Faisal University, (AN000129)
- 51) Multivariate Optimization of Chromatographic Conditions for Rapid Simultaneous Quantification of Antidiarrheal Drugs in Formulation Using Surface Response Methodology, **2022**, King Faisal University, #NA000125).
- 52) An Overview of Nanoparticle Drug Delivery for Ototoxin and Noise Mediated Hearing Loss Treatment, **2022**, King Faisal University, (AN000107)
- 53) Interstitial Cystitis-Critical Assessment of Current Treatment and Opportunities for Nanodelivery, **2022**, King Faisal University, (AN000136)
- 54) Antitubercular, Cytotoxicity, and Computational Target Validation of Dihydroquinazolinone Derivatives, **2022**, King Faisal University, (AN000168)
- 55) The Race to Replace PDE5i: Recent Advances and Interventions to Treat or Manage Erectile Dysfunction: Evidence from Patent Landscape (2016–2021), **2022**, King Faisal University, (AN000173)

- 56) Environmental sustainable mathematically processed UV spectroscopic methods for quality control analysis of remogliflozin and teneligliptin: Evaluation of greenness and whiteness, **2022**, King Faisal University, (AN00032)
- 57) Sensitivity Enhanced Ecofriendly UV Spectrophotometric Methods for Quality Control of Telmisartan and Benidipine Formulations: Comparison of Whiteness and Greenness with HPLC Methods, **2022**, King Faisal University, (AN000538)
- 58) Camel Proteins and Enzymes: A Growing Resource for Functional Evolution and Environmental Adaptation, **2022**, King Faisal University, (GRANT223); King Faisal University,
- 59) Enhancement of Anti-Tumoral Properties of Paclitaxel Nano-Crystals by Conjugation of Folic Acid to Pluronic F127: Formulation Optimization, In Vitro and In Vivo Study, **2022**, King Faisal University, (GRANT722); King Faisal University,
- 60) Polyphenol chrysin for management of skin disorders: Current status and future opportunities, **2022**, King Faisal University, (NA000166); King Faisal University,
- 61) An Experimental Design Approach to Quantitative Expression for Quality Control of a Multicomponent Antidiabetic Formulation by the HILIC Method, **2022**, King Faisal University, NA000144
- 62) Formulation, Characterization, Anti-Inflammatory and Cytotoxicity Study of Sesamol-Laden Nanosponges, **2022**, Vice-Presidency for Graduate Studies and Scientific Research; King Faisal University, (GRANT1004)
- 63) Computational Design, Synthesis, and Pharmacological Evaluation of Naproxen-Guaiacol Chimera for Gastro-Sparing Anti-Inflammatory Response by Selective COX2 Inhibition, **2022**, Vice-Presidency for Graduate Studies and Scientific Research; King Faisal University, (GRANT1007); King Faisal University,
- 64) Development of Novel Unfolding Film System of Itopride Hydrochloride Using Box-Behnken Design—A Gastro Retentive Approach, **2022**, Vice-Presidency for Graduate Studies and Scientific Research; King Faisal University, (GRANT478)
- 65) Nair, A. B.; Aldhubiab, B.; Shah, J.; Jacob, S.; Attimarad, M.; **Sreeharsha, N.**; Venugopala, K. N.; Joseph, A.; Morsy, M. A., Design, Development, and Evaluation of Constant Voltage Iontophoresis for the Transungual Delivery of Efinaconazole. *Pharmaceutics* 2023, 15, (5), 1422. funded by the King Abdulaziz City of Science and Technology (KACST), Saudi Arabia (Grant No. 12-MED3163-06)
- 66) Basavarajappa, G. M.; Rehman, A.; Shiroorkar, P. N.; **Sreeharsha, N.**; Anwer, M. K.; Aloufi, B., Therapeutic effects of Crataegus monogyna inhibitors against breast cancer, Deputyship for Research and Innovation, Ministry of Education in Saudi Arabia, for funding this research work through project number INST177.-2023
- 67) Girish Meravanige Basavarajappa, KM Priyanka, Prakash Goudanavar, Lakshmi G Narasimha, N Raghavendra Naveen, Buduru Gowthami, Santosh Fattepur, Predeepkumar Narayanappa Shiroorkar, **Sreeharsha N**, Mallikarjun Telsang, Veeriah Chowdary Jasthi, Pavan Kumar Pavagada Sreenivasalu, A spotlight on application of microwave- assisted modifications of plant derived polymers in designing novel drug delivery systems, *Designed Monomers and Polymers*, Vol 26(1), 2023 (GRANT3116)
- 68) Nair AB, Al-Dhubiab BE, Attimarad M, **Sreeharsha N**, Venugopala KN, Morsy MA. Principal Investigator-Ungual and transungual delivery of antimycotic agents by constant low voltage iontophoresis for treating onychomycosis: A non-invasive approach, King Abdulaziz city for Science and Technology (KACST), National Science, Technology and Innovation Plan under Strategic Technology program, KSA (SAR 600000, Period 2020-22), (Grant # 12-MED3163- 06).
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- 70) **Sreeharsha N**, Nair AB, Attimarad M, Al-Dhubiab BE, Venugopala KN, Meravanige G. Asdaq SM, Anwer MK, Vijaya JG. Investigator- Adenosine-conjugated lipid nanoparticles of chrysin as improved therapeutic in colitis: proof-of- concept, Deanship of Scientific Research, King Faisal University, Saudi Arabia (SAR 30000, Period 2022), (Grant # AN000107).
- 71) Nair AB, Shah J, Al-Dhubiab BE, Venugopala KN, Morsy MA, Attimarad M, **Sreeharsha N**. Principal Investigator- Nanoparticulate System for Treatment of Various Disorders, Deanship of Scientific

- Research, King Faisal University, Saudi Arabia (SAR 299000, Period 2020-2022), (Grant # 1811021).
- 72) Kotta S, Aldawsari HM, Badr-Eldin SM, Binmahfouz LS, Bakhaidar RB, **Sreeharsha N**, Nair AB, Ramnarayanan C. Co- Investigator-Formulation, characterization, and preparation of spray-dried, biodegradable, drug-loaded microspheres for use in the treatment of lung diseases, Ministry of Education, Saudi Arabia (SAR 100000, Period 2021-2022), (Grant # IFPRC-123-249-2020).
  - 73) Nair AB, Shah J, Jacob S, Al-Dhubiab BE, Patel V, **Sreeharsha N**, Shinu P. Development of mucoadhesive buccal film of rizatriptan: in vitro and in vivo evaluation, Ministry of Education, Saudi Arabia (SAR 30000, Period 2020), (Grant# IFT20182).
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  - 78) Nair AB, Al-Dhubiab BE, Attimarad M, **Sreeharsha N**. Principal Investigator-A nanocarrier system for site specific targeting of Gemcitabine to improve the treatment of Hepatocellular carcinoma, Deanship of Scientific Research, King Faisal University, Saudi Arabia (SAR 82000, Period 2018-2019), (Grant # 180009).
  - 79) Al-Dhubiab BE, Nair AB, Attimarad M, **Sreeharsha N**. Co-Investigator-Development of a novel drug delivery system of almotriptan to improve the pharmacotherapy of migraine, Deanship of Scientific Research, King Faisal University, Saudi Arabia (SAR 99000, Period 2018-2019), (Grant # 170116).
  - 80) **Sreeharsha N**, Al-Dhubiab BE, Nair AB, Attimarad M. Co-Investigator-Formulation, optimization, and evaluation of spray-dried microspheres for lung targeting. Deanship of Scientific Research, King Faisal University, Saudi Arabia (SAR 50285, Period 2018-2019), (Grant # 180129).
  - 81) Attimarad M, Nair AB, **Sreeharsha N**, Al-Dhubiab BE, Venugopala KN. Co-Investigator-Simultaneous determination of calcium channel blockers and statins by Liquid Chromatography and /or Capillary Electrophoresis in formulations and plasma: application to preclinical pharmacokinetic studies, Deanship of Scientific Research, King Faisal University, Saudi Arabia (SAR 75500, Period 2018-2019), (Grant # 170117).
  - 82) Venugopala KN, Chopra D, Morsy MA, Aldhubiab BE, Attimarad M, **Sreeharsha N**, Nair AB. Co-Investigator- Chemistry and crystallography of novel isoquinoline scaffolds as anti-TB agents against MDR and XDR strains of Mycobacterium tuberculosis, Deanship of Scientific Research, King Faisal University, KSA (SAR 299822, Period 2018-2020), (Grant # 17122011).
  - 83) Attimarad M, **Sreeharsha N**, Nair AB, Al-Dhubiab BE, Venugopala KN. Co-Investigator-Simultaneous determination of sacubitril, valsartan, metformin, statin and gliptin by HPLC / CZE in formulations and plasma: Application to stability studies, Deanship of Scientific Research, King Faisal University, KSA (SAR 68800, Period 2017-2018), (Grant # 170076).
  - 84) Nair AB, Al-Dhubiab BE, Shah J, Vimal P, Attimarad M, **Sreeharsha N**. Co-Investigator-Development and evaluation of palonosetron loaded oral mucoadhesive formulation, Deanship of Scientific Research, King Faisal University, KSA (SAR 73800, Period 2016-18), (Grant # 170078).
  - 85) Nair AB, Al-Dhubiab BE, Attimarad M, **Sreeharsha N**. Principal investigator-Design and development of polymeric nanoparticles for oral delivery of candesartan, Deanship of Scientific Research, King Faisal University, KSA (SAR 65000, Period 2015-16).
  - 86) Al-Dhubiab BE, Nair AB, Attimarad M, **Sreeharsha N**. Co-investigator-Development of nano based drug delivery system for the buccal delivery of nebivolol, Deanship of Scientific Research, King

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- 87) Attimarad M, Nair AB, Al-Dhubiab BE, **Sreeharsha N**. Co-investigator-Capillary Electrophoresis method Development for Simultaneous estimation of antidiabetic drugs in biological samples and its application to pharmacokinetic studies, Deanship of Scientific Research, King Faisal University, KSA (SAR 70000, Period 2015-16).
- 88) **Sreeharsha N**, Nair AB, Al-Dhubiab BE, Attimarad M. Co-investigator-Formulation and optimization of lung- targeting microspheres: In vitro/ Pharmacokinetic studies, Deanship of Scientific Research, King Faisal University, KSA (SAR 69900, Period 2015-16).
- 89) Nair AB, Al-Dhubiab BE, Attimarad M, **Sreeharsha N**. Principal Investigator-Development of transdermal delivery system of vildagliptin and its comparison with oral therapy, Deanship of Scientific Research, King Faisal University, KSA (SAR 82400, Period 2014-15).
- 90) Al-Dhubiab BE, Nair AB, Attimarad M, **Sreeharsha N**. Co-investigator-Development of transdermal delivery system for combination antiemetic therapy for chemotherapy induced nausea and vomiting in cancer patients, Deanship of Scientific Research, King Faisal University, KSA (SAR 74275, Period 2014-15).
- 91) **Sreeharsha N**, Nair AB, Al-Dhubiab BE, Attimarad M. Co-investigator-Design and Evaluation: Vildagliptin- Metformin Nanoparticle Combination, Deanship of Scientific Research, King Faisal University, KSA (SAR 55900, Period 2014-15)
- 92) Al-Dhubiab BE, Nair AB, Attimarad M, **Sreeharsha N**. Co-investigator-Development of Nano based drug delivery system for the buccal delivery of acyclovir, Deanship of Scientific Research, King Faisal University, KSA (SAR 77400, Period 2014-15).
- 93) Attimarad M, Nair AB, Al-Dhubiab BE, **Sreeharsha N**. Co-investigator-Simultaneous determination of amlodipine, hydrochlorothiazide and several sartans by Liquid Chromatography and /or Capillary Electrophoresis in formulations and plasma, Deanship of Scientific Research, King Faisal University, KSA (SAR 75400, Period 2014- 15).
- 94) Al-Dhubiab BE, Nair AB, Attimarad M, **Sreeharsha N**. Co-investigator-Formulation and evaluation of buccal films impregnated with selegiline loaded nanospheres, Research grant, Deanship of Scientific Research, King Faisal University, KSA (SAR 68400, Period 2013-14).
- 95) Nair AB, Al-Dhubiab BE, Attimarad M, **Sreeharsha N**. Principal Investigator-Development of a novel noninvasive technique for therapeutic drug monitoring in epilepsy patients, Research grant, Deanship of Scientific Research, King Faisal University, KSA (SAR 65900, Period 2013-14).
- 96) Al-Dhubiab BE, Nair AB, Attimarad M, **Sreeharsha N**. Co-investigator-Evaluation of iontophoresis effect on noisome-emulgel combination as a novel transdermal delivery system, Research grant, Deanship of Scientific Research, King Faisal University, KSA (SAR 115900, Period 2013-14).
- 97) **Sreeharsha N**, Nair AB, Al-Dhubiab BE, Attimarad M. Co-investigator-Formulation and evaluation of spray dried oral mucoadhesive Noveon Aa-1polycarbophil Nanoparticles containing Anti diabetic drug, Research grant, Deanship of Scientific Research, King Faisal University, KSA (SAR 74400, Period 2013-14).
- 98) Attimarad M, Nair AB, Al-Dhubiab BE, **Sreeharsha N**. Co-investigator-Development and validation of stability indicating chromatographic method for simultaneous determination of statin and gliptin, Research grant, Deanship of Scientific Research, King Faisal University, KSA (SAR 57900, Period 2013-14).
- 99) **Sreeharsha N**, Mahesh Attimard, Bandar Essa Aldhubiah "Mucoadhesive microspheres containing a new antidiabetic drug: Preparation and in-intro characterization" Proposal grant No. 130012. *Deanship of Scientific Research*, King Faisal University, Saudi Arabia (SAR 87, 400/- 2011 – 2012)
- 100) Arshia Shariff, **Sreeharsha N**, Bandar Essa Aldhubiah "Self Emulsifying Drug Delivery Systems (SEDDS) for Oral Delivery of Lipophilic Anti-Muscarinic Drugs" Proposal grant No. 130014. *Deanship of Scientific Research*, King Faisal University, Saudi Arabia, (SAR 66, 665/- 2011 – 2012)
- 101) Mahesh Attimard, **Sreeharsha N**, Ahmed Omer Alnajjar, Bandar Essa Aldhubiah "Validated Liquid Chromatographic method Development for Simultaneous estimation of Metformin and Gliptins" Proposal grant No. 130010. *Deanship of Scientific Research*, King Faisal University, Saudi Arabia (SAR 63, 100/- 2011 – 2012)
- 102) Sibghatullah Muhammad Sangi, Salib Mansour Sherif, Hafex Gagab Madkor, **Sreeharsha, N** "Therapeutic effects of some herbal extracts n male infertility in experimental animals" *Deanship of Scientific Research*, King Faisal University, Saudi Arabia, (SAR 54, 400/- 2011 – 2012)

- 103) **Sreeharsha N**, Mahesh Attimarad and Tanveer Ahmad Khan "Design and evaluate oral mucoadhesive microspheres of new antiglycemic drug", *Deanship of Scientific Research*, King Faisal University, Saudi Arabia (SAR 88,400/- 2010 – 2011)
- 104) Mahesh Attimarad, Ahmaed O. Alnajjar, **Sreeharsha, N**"Simultaneous Estimation Of Metformin And Miglitol By High Performance Liquid Chromatography", *Deanship of Scientific Research*, King Faisal University, Saudi Arabia (SAR 92, 400/- 2010 – 2011)
- 105) **Sreeharsha N**, Mohamed Al-Wasali, Tasleem,"Exploring the Anti-leishmaniasis activity of Phoenix dactylifera (Date Palm)", *Deanship of Scientific Research*, King Faisal University, Saudi Arabia (SAR 99,400/- 2009- 2010)
- 106) Mahesh Attimarad, S. Ramachandra Setty, **Sreeharsha, N**"Simultaneous Estimation of Flavoxate HCl and Ofloxacin by High Performance Liquid Chromatography" *Deanship of Scientific Research*, King Faisal University, Saudi Arabia (SAR 71,400/- **2009 – 2010**)

### Sponsored Research Projects – Students

- 1) Alaithan, S.; Naveen, N.R.; Goudanavar, P.S.; Bhavani, P.D.; Ramesh, B.; Koppuravuri, N.P.; Fattepur, S.; **Sreeharsha, N.**; Nair, A.B.; Aldhubiab, B.E.; Shinu, P.; Almuqbil, R.M. Development of Novel Unfolding Film System of Itopride Hydrochloride Using Box-Behnken Design—A Gastro Retentive Approach. by the Deanship of Scientific Research, Vice Presidency for Graduate Studies and Scientific Research, King Faisal University, Saudi Arabia [Project No. GRANT478] 2022-2023
- 2) **Sreeharsha N**, Ahmed Qadheeb and Ahmed Al Amer "Formulation and invitro evaluation of microspheres by novel technology:Cephalexin/gelatin" *Deanship of Scientific Research*, King Faisal University, Saudi Arabia, SAR 10,000/- Proposal No. 175009, **2015 – 2016**
- 3) **Sreeharsha N**, Adbulmalek "Formulation of microspheres & in vitro studies for diabetes" *Deanship of Scientific Research*, King Faisal University, Saudi Arabia, SAR 5,000/- Proposal No. 165059, **2015 – 2016 – Completed**
- 4) **Sreeharsha N**, Ahmed Qadheeb, Ahmed AL-Amer "Preparation and Evaluation of Microspheres for Diabetics" *Deanship of Scientific Research*, King Faisal University, Saudi Arabia, SAR 10, 000/- **2014 – 2015**
- 5) **Sreeharsha N**, Mohammed Al-Hassan, Mohammed Al-Khars "Preparation and evaluation of microspheres for lung targeting" *Deanship of Scientific Research*, King Faisal University, Saudi Arabia, SAR 7, 500/- **2013 – 2014**
- 6) **Sreeharsha N**, Anroop Nair, Sulaiman Mohammed Al-Mohaish and Ahmaed Saad Al-Naeem, "Buccal wafers of oral delivery of chloral hydrate Preparation and *In Vitro* studies" *Deanship of Scientific Research*, King Faisal University, Saudi Arabia, SAR 7,500/- **2011 – 2012**
- 7) **Sreeharsha N**, Tanveer Ahmad Khan, Maithm Mohammed Almuslem, Ahmed Adel Alamer "Preparation and Evaluation of Theophylline Microsphere for Targeting to Lungs" *Deanship of Scientific Research*, King Faisal University, Saudi Arabia, SAR 5, 000/- **2010 – 2011**
- 8) **Sreeharsha N**, Rashed, Abdullah "Non-attendance of dental outpatients in King adulaziz military air base hospital". *Deanship of Scientific Research*, King Faisal University, Saudi Arabia, SAR 5, 000/- **2009 – 2010**

### Research Publications

- 1) Thippeswamy, M.; Meravanige, G.; Shiroorkar, P. N.; Goudanavar, P.; Naveen, N. R.; **Sreeharsha, N.**, Chitosan-Based Linezolid Dry Powder Inhalers: A Novel Approach for Targeted Pulmonary Delivery in Tuberculosis Treatment. *Ind. J. Pharm. Edu. Res* **2025**, 59, (1s), s1-s13
- 2) Swaroop, K.; Basavaraju, S.; Prasanthi, S.; Goudanavar, P.; Naveen, N. R.; **Sreeharsha, N.**; Meravanige, G.; Asif, A. H., Pro Transfersome Loaded Gefitinib Novel Tablet for pulmonary drug delivery: Optimization and characterization. *Journal of the Indian Chemical Society* **2025**, 102, (1), 101520
- 3) **Sreeharsha, N.**; Prasanthi, S.; Rao, G.; Gajula, L. R.; Biradar, N.; Goudanavar, P.; Naveen, N. R.; Shiroorkar, P. N.; Meravanige, G.; Telsang, M.; Asif, A. H.; Sreenivasalu, P. K. P., Formulation optimization of chitosan surface coated solid lipid nanoparticles of griseofulvin: A Box-Behnken design and in vivo pharmacokinetic study. *Eur J Pharm Sci* **2025**, 204, 106951.10.1016/j.ejps.2024.106951

- 4) Konda, P. Y.; Poondla, V.; Jaiswal, K. K.; Dasari, S.; Uyyala, R.; Surtineni, V. P.; Egi, J. Y.; Masilamani, A. J. A.; Bestha, L.; Konanki, S.; Muthulingam, M.; Lingamgunta, L. K.; Aloor, B. P.; Tirumalaraju, S.; Sade, A.; Kamsala, V. R.; **Sreeharsha, N.**; Ramakrishnan, R.; Natesan, V., Author Correction: Pathophysiology of high fat diet induced obesity: impact of probiotic banana juice on obesity associated complications and hepatosteatosis. *Sci Rep* **2025**, 15, (1), 1471.10.1038/s41598-024-81438-3
- 5) Gangadhar, Y.; Al Turaifi, A. R.; Naveen, N. R.; Goudanavar, P.; osh Fattepur, S.; **Sreeharsha, N.**; Islam, M. M.; Chohan, M. S., Bio-Simulation Studies of Valganciclovir Hydrochloride: Molecular Descriptor-Based QSAR Modelling and Swiss ADME Analysis Using in silico Models. *Ind. J. Pharm. Edu. Res* **2025**, 59, (1), 1-6
- 6) Venugopala, K. N.; Chandrashekharappa, S.; Deb, P. K.; Al-Shar'i, N. A.; Pillay, M.; Tiwari, P.; Chopra, D.; Borah, P.; Tamhaev, R.; Mourey, L.; Lherbet, C.; Aldhubiab, B. E.; Tratratt, C.; Attimarad, M.; Nair, A. B.; **Sreeharsha, N.**; Mailavaram, R. P.; Venugopala, R.; Mohanlall, V.; Morsy, M. A., Identification of potent indolizine derivatives against Mycobacterial tuberculosis: In vitro anti-TB properties, in silico target validation, molecular docking and dynamics studies. *Int J Biol Macromol* **2024**, 274, (Pt 2), 133285.10.1016/j.ijbiomac.2024.133285
- 7) **Sreeharsha, N.**; Kunigal Sridhar, S.; Bhuvanahalli Rangappa, A.; Goudanavar, P.; Karadigere Nagaraju, P.; Raghavendra Naveen, N.; Narayanappa Shiroorkar, P.; Haq Asif, A.; Meravanige, G.; Swaroop Duddi Sreehari, K., Ultrasonication-mediated synthesis of diblock polymer-based nanoparticles for advanced drug delivery systems: Insights and optimization. *Ultrason Sonochem* **2024**, 111, 107137.10.1016/j.ultsonch.2024.107137
- 8) **Sreeharsha, N.**; Gajula, L. R.; Srikruthi, K.; Bhavani, P. D.; Goudanavar, P.; Rakshitha, A.; Naveen, N. R.; Shiroorkar, P. N.; Meravanige, G.; Telsang, M., Enhancing Flowability of Lamivudine through Quasi-Emulsion Solvent-Diffusion (QESD) Crystallization: A Comprehensive Study on Surfactant Impact, Particle Morphology by QbD concepts and Tablet Compression Challenges. *European Journal of Pharmaceutical Sciences* **2024**, 106835
- 9) **Sreeharsha, N.**; Cherukuri, S.; Naveen, N. R.; Goudanavar, P.; Fattepur, S.; Aldhubiab, B.; Almuqbil, R. M.; Nair, A. B., Nasal Administration of Dolutegravir Loaded Nanoparticles Based Mucoadhesive in situ Gel: Design and in vivo Assessment. *Ind. J. Pharm. Edu. Res* **2024**, 58, (2), 1-10
- 10) Sangi, S.; Sibghatullah, H.; Mastoi, S. M.; **Sreeharsha, N. H.**, Protective effects of pomegranate on mobile phone induced injury to spermatogenetic cells. *Transylvanian Review* **2024**, 32, (3),
- 11) Naveen, N. R.; Asif, A. H.; **Sreeharsha, N. H.**; Islam, M. M.; Sreenivasalu, P. K. P.; Telsang10, M.; Sreehari, K. S. D., Design and Development of Anti-fungal Topical Gel Loaded with Solid Lipid Nanoparticles for Wound Healing. *Ind. J. Pharm. Edu. Res* **2024**, 58, (1), 131-138
- 12) **Sreeharsha, N.**; Basavarajappa, G. M.; Aloufi, B.; Shiroorkar, P. N.; Anwer, M. K.; Rehman, A., An Integrative Network Pharmacology and Bioinformatics Approach for Deciphering the Multi-target Effect of *Nyctanthes arborescens* L. against COVID-19. *Current pharmaceutical design*, **2024** Jun 11. doi: 10.2174/0113816128298950240428013723. Epub ahead of print. PMID: 38877861.
- 13) Meravanige, G.; Krishnegowda, M. B.; Chandru, K. K.; Goudanavar, P. S.; Vishwambhar, S. S.; Naveen, N. R.; Asif, A. H.; Shiroorkar, P. N.; **Sreeharsha, N.**; Karnati, R. K., Enhanced Antifungal Efficacy of Transfersosomal Gel Containing Clotrimazole and Miconazole Nitrate: A Novel Approach for Topical Treatment by QbD. *Indian Journal of Pharmaceutical Education and Research* **2024**, 58, (4s), s1211-s1223
- 14) Meravanige, G.; Gajula, L. R.; Rangappa, A. B.; Goudanavar, P.; Sridhar, S. K.; Naveen, N. R.; **Sreeharsha, N.**; Shiroorkar, P. N.; Asif, A. H.; Telsang, M., Optimization and Characterization of Lamivudine-Loaded TCS-PEG/MMT Polymeric Nanocomposites for Enhanced Antiretroviral Therapy. *Indian Journal of Pharmaceutical Education and Research* **2024**, 58, (3s), s910-s924
- 15) Kandeel, M.; Al-Taher, A.; Venugopala, K. N.; Marzok, M.; Morsy, M.; **Sreeharsha, N.**, Corrigendum: Camel proteins and enzymes: a growing resource for functional evolution and environmental adaptation. *Front Vet Sci* **2024**, 11, 1492459.10.3389/fvets.2024.1492459
- 16) Ganesh, V. S.; Goudanavar, P.; Naveen, N. R.; Basavarajappa, G. M.; Asif, A. H.; Shiroorkar, P. N.; DR, B.; **Sreeharsha, N.**, Investigation of Tribulus terrestris Fruits Extract and Isolated Compound against Metirapone-induced Adrenal Insufficiency in Wistar Rats. *Pharmacognosy Magazine* **2024**, 09731296241299495

- 17) Attimarad, M.; Venugopala, K. N.; Nair, A. B.; Aldhubiab, B.; **Sreeharsha, N.**, Open physics: In silico modified UV spectrophotometric approaches to resolve overlapped spectra for quality control of rosuvastatin and teneligliptin formulation. **2024**,
- 18) Attimarad, M.; Venugopala, K. N.; Nair, A. B.; Aldhubiab, B.; **Sreeharsha, N.**, In silico modified UV spectrophotometric approaches to resolve overlapped spectra for quality control of rosuvastatin and teneligliptin formulation. *Open Physics* **2024**, 22, (1), 20240014
- 19) Attimarad, M.; Aldhubiab, B.; **Sreeharsha, N.**; Pottathil, S., Smart Manipulated UV Spectroscopic Methods for Resolving the Overlapped Spectra for Quality Control of Two Analgesic Binary Combination Formulations. *Indian Journal of Pharmaceutical Education and Research* **2024**, 58, (3s), s805-s814
- 20) Aloufi, B.; Alshabrimi, F. M.; **Sreeharsha, N.**; Rehman, A., Exploring therapeutic targets and drug candidates for obesity: a combined network pharmacology, bioinformatics approach. *J Biomol Struct Dyn* **2024**, 42, (21), 11879-11900.10.1080/07391102.2023.2265491
- 21) Al-Omran, S. A.; KV, A. K.; **Sreeharsha, N.**, Pharmacodynamic Interaction of Areca catechu with Gliclazide in Wistar Rats. *Journal of Pharmacology and Pharmacotherapeutics* **2024**, 15, (1), 69-77
- 22) Tratratt, C.; Petrou, A.; Fesatidou, M.; Haroun, M.; Athina, G.; Venugopala, K.; **Sreeharsha, N.**; Chemali, J., 5-Membered Heterocyclic Compounds as Antiviral Agents. *Current Topics in Medicinal Chemistry* **2023**, 23, (7), 520-538
- 23) Tratratt, C.; Alomair, N. A.; Kochkar, H.; Al Malih, R. J.; Haroun, M.; Abubshait, S.; Younas, M.; Berhault, G.; Venugopala, K. N.; **Sreeharsha, N.**, Visible-light-driven selective esterification of benzaldehyde derivatives using strontium-modified 1D titanium dioxide nanotubes. *Journal of Photochemistry and Photobiology A: Chemistry* **2023**, 438, 114508
- 24) Nair, A. B.; Aldhubiab, B.; Shah, J.; Jacob, S.; Attimarad, M.; **Sreeharsha, N.**; Venugopala, K. N.; Joseph, A.; Morsy, M. A., Design, Development, and Evaluation of Constant Voltage Iontophoresis for the Transungual Delivery of Efinaconazole. *Pharmaceutics* **2023**, 15, (5), 1422.10.3390/pharmaceutics15051422
- 25) **Sreeharsha, N.**; Nair, A. B.; Attimarad, M.; Narayanaswamy, K.; Aldhubiab, B., Decontamination of water using guar gum derivatives and applications thereof. **2023**,
- 26) **Sreeharsha, N.**; Gawande, V.; Joshi, A.; Pund, S., Immunoregulatory Bioactive Phytoconstituents: Recent Trends and Future Challenges. *Nutraceuticals and Functional Foods in Immunomodulators* **2023**, 73-107
- 27) Mutahar, R.; **Sreeharsha, N.**; Farheen, A.; Gupta, S. K.; Fatima, A., Development of Matrix Tablets by Extrusion/Spheronization Process Using Laboratory Extruder. **2023**,
- 28) Islam, M. M.; **Sreeharsha, N.**; Alshabrimi, F. M.; Asif, A. H.; Aldhubiab, B.; Anwer, M. K.; Krishnasamy, R.; Rehman, A., From seeds to survival rates: investigating *Linum usitatissimum*'s potential against ovarian cancer through network pharmacology. *Frontiers in Pharmacology* **2023**, 14, 1285258
- 29) Basavarajappa, G. M.; Rehman, A.; Shiroorkar, P. N.; **Sreeharsha, N.**; Anwer, M. K.; Aloufi, B., Therapeutic effects of *Crataegus monogyna* inhibitors against breast cancer. *Front Pharmacol* **2023**, 14, 1187079.10.3389/fphar.2023.1187079
- 30) Basavarajappa, G. M.; Priyanka, K. M.; Goudanavar, P.; Narasimha, L. G.; Naveen, N. R.; Gowthami, B.; Fattepur, S.; Shiroorkar, P. N.; **Sreeharsha, N.**; Telsang, M.; Jasthi, V. C.; Sreenivasalu, P. K. P., A spotlight on application of microwave-assisted modifications of plant derived polymers in designing novel drug delivery systems. *Des Monomers Polym* **2023**, 26, (1), 106-116.10.1080/15685551.2023.2194176
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## Refereed Technical Conference Proceedings

- 1) Rahaeef Alotaibi, Manar AlOnayzan, **Sreeharsha N.** Fabrication of biodegradable microspheres for antimicrobial drug-resistant infections using a Buchi Nano spray-dryer. Conference (SIPHA: Saudi International Pharmaceutical Sciences Meeting & Workshops) 25-27 Jan 2022
- 2) Al-Dhubiab BE, **Sreeharsha N**, Nair AB, Novel preparation and effective delivery of mucoadhesive nanoparticles containing vildagliptin. National conference (online), Dehradun, India 2021.
- 3) Ahmed Alshalla and Mohammed Albahrani and **Sreeharsha N.** Spray-dried nanoparticles: A Novel Drug Delivery system to treat Urinary Tract Infections. Conference-Dhufat- Dubai 25 -27 FEB 2020. Won 10 ranking in poster presentation.
- 4) **Sreeharsha N.** “Spray Drying Technology to formulate Nanoparticles for Diabetes” Boston, MA, USA, July 23 – 25 2019. Wyndham Boston Beacon Hills 5, Blossom Street, Boston
- 5) **Speaker invitation for Sreeharsha N**, Preparation and Evaluation of Biodegradable Polymer for Lung Targeting, Pacific Polymer Conference-14 held from December 9 – 13<sup>th</sup>, 2015, Grand Hyatt

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- 6) Attimarad M, **Sreeharsha N**, Nair AB, Al-Dhubiab BE, Alhaider I.A. LCMS method for the simultaneous determination of Metformin and Miglitol in Human Plasma: Application to pharmacokinetic studies, 7th Annual Conference & Exhibits of Mass Spectrometry: Applications to the Clinical Lab (MSACL), San Diego, USA (March 28 - April 1, 2015).
- 7) **Speaker invitation for Sreeharsha N**, Optimization of particles size for lung specific drug delivery by way of microspheres, DoubleTree by Hilton Hotel San Francisco Airport, San Francisco, USA during December 01-03, 2014
- 8) Mohammed Al-Khars and **Sreeharsha**, Nreceived best poster award "Salbutamol microspheres targeting to lung: preparation and in vitro release" under Pharmacy Student Thematic Poster Awards in DUPHAT(Dubai International Pharmaceuticals & Technologies Conference & Exhibition) held in Dubai during March 10 -12, 2014.
- 9) Speaker invitation for "3<sup>rd</sup> International Conference on Nanotek and Expo" on December 2-4, 2013 held at Hampton Inn Las Vegas, USA hosted by OMICS Group Conferences. Presented topic on "Pharmaceutical suspension containing both immediate/sustained release omeprazole loaded carbopol nanospheres: preparation and in vitro characterization".
- 10) B. Nair, B. E. Al-Dhubiab, M. Attimarad, **Sreeharsha N**, I. A. Alhaider. Skin Permeation and Dermatokinetics of Ciclopirox Olamine, *AAPS Annual Meeting and Exposition*, McCormick Place, Chicago. **2012**.
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- 13) B. Nair, B. E. Al-Dhubiab, M. Attimarad, **Sreeharsha N**, I. A. Alhaider "Therapeutic Drug Monitoring of Carbamazepine by Reverse Iontophoresis" *AAPS Annual Meeting and Exposition*, McCormick Place, Chicago **2012**.
- 14) B. Nair, B. E. Al-Dhubiab, M. Attimarad, **Sreeharsha N**, I. A. Alhaider, In Vitro and In Vivo Evaluation of a Novel Carrier for Calcium Delivery *AAPS Annual Meeting and Exposition*, McCormick Place, Chicago **2012**.
- 15) M. Attimarad, A. B. Nair, B. E. Al-Dhubiab, **Sreeharsha N**, Simultaneous Determination of Moxifloxacin and Cefixime by First and Ratio First Derivative Ultraviolet Spectrophotometry in Presence of Tablet Excipients, I. A. Alhaider, *AAPS Annual Meeting and Exposition*, McCormick Place, Chicago **2012**.
- 16) **Sreeharsha N**, Chandra mouli, Rajarajan, Srinivasan, Shobha rani, and Mohamed Al-Wasali "The effect of process parameter on preparation of biodegradable polymeric nanospheres" *International Conference for Nanotechnology and Advanced Materials*, University of Bahrain, BAHRAIN. Page 102, **2009**
- 17) **Sreeharsha N**, Chandra mouli, Rajarajan, Srinivasan, Shobha rani, and Mohamed Al-Wasali "Preparation and evaluation of Nanospheres: Liver Targeting" *International Conference for Nanotechnology and Advanced Materials*, University of Bahrain, Bahrain. Page 103, **2009**
- 18) Nagashekhar M, **Sreeharsha N**, Shivaprasad H.N "Determination of Machiavellianism and its impact on sales performance amongst pharmaceutical sales representatives; a questionnaire survey". *4<sup>th</sup> Malaysian Pharmaceutical Society Pharmacy Scientific Conference*, Universiti Sains Malaysia, Penang, Malaysia. **2009**
- 19) Nagashekhar M, **Sreeharsha N**, Shivaprasad H.N "Carboplatin Microspheres Targeting to Lungs: Preparation and Evaluation", *4<sup>th</sup> Malaysian Pharmaceutical Society Pharmacy Scientific Conference*, Universiti Sains Malaysia, Penang, Malaysia. **2009**
- 20) **Sreeharsha**, Nand Mohamed Al-Wasali, Preparation and evaluation of nanospheres for lung targeting, *ICON 008*, Jeddah, Saudi Arabia, **2008**.
- 21) **Sreeharsha**, Nand Shobha Rani "Drug targeting to lungs by way of microspheres" *International Congress of Indian Pharmacy Graduates*. Tamil Nadu, India, **2003**.
- 22) **Sreeharsha**, Nand Shobha Rani "Quality Control analysis of Personal Care Products, *Indian Cosmetics*

*Technologist Association*", Belgaum, India, **2004**.

- 23) **Sreeharsha, Nand Shobha Rani** "Microspheres targeting to lungs", *Association of Pharmaceutical Teachers of India* (APTI), Goa, India, **2003**.
- 24) **Sreeharsha, Nand Shobha Rani** "Use of Microsoft excels in Pharmacy field. 54<sup>th</sup> *Indian Pharmaceutical Congress*" Pune, India, **2002**.
- 25) **Sreeharsha, Nand Shobha Rani** "Drug targeting to lungs" 54<sup>th</sup> *Indian Pharmaceutical Congress*, Pune, India, **2002**.
- 26) **Sreeharsha N and Shobha Rani** "Formulation and evaluation of microspheres of gentamicin sulphate" *International Pharmaceutical Federation (F.I.P)* Germany, **2001**.
- 27) **Sreeharsha, Nand Shobha Rani** "Preparation and evaluation of microspheres of gentamicin sulphate". 53<sup>rd</sup> *Indian Pharmaceutical Congress*, Delhi, India, **2001**.
- 28) **Sreeharsha, Nand Shobha Rani** "Preparation of self-cross linked gelatin microspheres". 52<sup>nd</sup> *Indian Pharmaceutical Congress*. Hyderabad, India, **2000**.
- 29) **Sreeharsha, Nand Shobha Rani** "Gelatin as a hydrogel for controlled release" 51<sup>st</sup> *Indian Pharmaceutical Congress*, Indore, India, **1999**.

## **PROFESSIONAL ACTIVITIES**

### **Conference Organization**

- 1) "Pharmacy Education" at Milind College of Pharmacy, Bangalore, India **2003**
- 2) "Pharmacy Students – Present and Future" at CNK Reddy College of Pharmacy, Bangalore, India, **2006**

### **Technical Conference and Symposia Attendance**

- 1) Attended one day workshop on the use of Endnote program at Central Library, King Faisal University on 15<sup>th</sup> February 2017 with collaboration with Saudi Digital Library (SDL).
- 2) Attended one day workshop on the use of Web of Science at College of Clinical Pharmacy, on 11<sup>th</sup> October **2016**
- 3) Attended one day workshop on the use of RefWorks program at Central Library, King Faisal University on 11<sup>th</sup> February **2015** with collaboration with Saudi Digital Library (SDL).
- 4) Attended two day "Training on Dealing with Research Failure & Turning it into Success" held in College of Computer Science on 10 – 11<sup>th</sup> March **2015**. Organized by Deanship of Quality Assurance. King Faisal University, Al-Ahsa, Saudi Arabia. Trainer: Prof.Ghassan F. Aouad.
- 5) Attended one day workshop on Intended Course Report held on 4<sup>th</sup> March 2015. Organized by Deanship of Quality Assurance. King Faisal University, Al-Ahsa, Saudi Arabia.
- 6) Attended one day workshop on Intended learning outcomes (ILOS) held on 23<sup>th</sup> Feb **2015**. Organized by Deanship of Quality Assurance. King Faisal University, Al-Ahsa, Saudi Arabia.
- 7) Attended three day intensive course on "Pharmaceutical Compounding Sterile Preparations (CSPs) from 6<sup>th</sup> – 8<sup>th</sup> Jan **2015** at Training Researchers & Continuing Education Administration – MCH Hospital, Al-Ahsa, Saudi Arabia.
- 8) Attended training program entitled "Blackboard skills and tools" held on December 29 – 30, 2014. Organized by College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia.
- 9) Attended the training program entitled: "SPSS" held on Dec 23 – 24, **2014**. Organized by *Dean of Academic Development*, King Faisal University, Al-Ahsa, Saudi Arabia.
- 10) Attended the training program "Designing Courses that Motivate and Engage Students for Deep Learning" held on February 18 – 19, **2014**. Organized by *Dean of Academic Development*, King Faisal University, Al-Ahsa, Saudi Arabia.
- 11) Attended the training program entitled: "Effective Teachers" held on Dec 23 – 24, 2013. Organized by *Dean of Academic Development*, King Faisal University, Al-Ahsa, Saudi Arabia.
- 12) Attended one day workshop on "Peer Review of Classroom Teaching" held by Quality assurance King Faisal University on 6<sup>th</sup> November 2013.
- 13) Attended training program entitled "Using Blackboard skills and tools" held on April 1 – 2, **2013**.

- Organized by *Dean of Academic Development*, King Faisal University, Al-Ahsa, Saudi Arabia
- 14) Attended the MD Consult and Clinicalkey Training session held at King Faisal University, Alahsa, Saudi Arabia. **2013**
  - 15) "Developing Research Abilities: Idea Formulation and Research Management" held at King Faisal University, Al-Ahsa, Saudi Arabia for one day on 5<sup>th</sup> December **2012**. Presented by *KACST, King Faisal University*, Al-Ahsa, Saudi Arabia Faisal University on December 10-11, **2012**.
  - 16) Attended 5 CME Hours on Biosimilar Drugs Poised to Penetrate Market, held at Al-Ahsa Intercontinental Hotel, Saudi Arabia, organized by *Saudi Council for Health Specialties* on 28<sup>th</sup> November **2012**.
  - 17) "Research Ability Development in Kingdom of Saudi Arabia: Formulation of the idea & Research Mangement" *King Faisal University*, Al-Ahsa, Saudi Arabia, presented by Team of KACST. on 5<sup>th</sup> December **2012**.
  - 18) "Course Design" organized by *Dean of Academic Development*, King Faisal University, Al-Ahsa, Saudi Arabia, presented by Dr. Ahmed S. Ahmed. held on Nov 12 and 13, **2012**.
  - 19) Attended two days' workshop on "Quality Requirement in E-learning Management System" at Corel Plaza, Organized by *Deanship of Quality Assurance and Academic Accreditation* with British Council coloration. Trainer Denise Kirkpatrick and Bob Munn. 13 – 14<sup>th</sup> March **2012**
  - 20) Attended workshop on "Effective Use of E-Learning" Trainer Dr. Jane Seale, from School of Education, Plymouth University, UK, organized by *Dean of Academic Development*, King Faisal University, Al-Ahsa, Saudi Arabia February 25 – 29, **2012**,
  - 21) Attended training program on "Improving Teaching and Student Learning Through Course Design Activities: A Research- Based Seminar Series" Trainer Dr. Michael Palmer and Dr. Peter Felten from University of Virginia and Elon University, USA, organized by *Dean of Academic Development*, King Faisal University, Al-Ahsa, Saudi Arabia. Jan 7<sup>th</sup> to 11<sup>th</sup>, **2012**
  - 22) "Attended training program on Quantitative Research (SPSS)" organized by *Dean of Academic Development*, King Faisal University, Al-Ahsa, Saudi Arabia. Dec 5 and 6, **2011**.
  - 23) Workshop on "Statistical Methods in Medical Research and Introduction to SPSS" Department of Biostatistics National Institute of Mental Health & Neuro Sciences Bangalore, India, 7 – 9, July 2011.
  - 24) Participated in 1<sup>st</sup> Annual Technology Forum "Towards Building Strategic Sustainable Partnership", University of Dhahran, May 15 – 16<sup>th</sup> 2011. Dhahran, Saudi Arabia.
  - 25) Attended "Standards for Quality Assurance in Higher Education" "ADRI: A Quality Assurance Model for Self Assessment of Teaching and Learning" "Academic Advising", two day workshop organized by *Deanship of Faculty Development*, King Faisal University, Al-Ahsa, Saudi Arabia, 2 Mar 2011
  - 26) "Introductory workshop about strategic research funded by KACST", One day workshop organized by *Deanship of Faculty Development*, King Faisal University, Al-Ahsa, Saudi Arabia, 16-Jan-**2011**
  - 27) Attended continuous Pharmaceutical Education at Intercontinental Hotel, Al-Asha. Topic: "GMP and Drug Quality". Speaker: Dr.MohammadAl-Marshal, Organized by *Saudi Pharmaceutical Association*. Saudi Arabia, Jan 20<sup>th</sup> **2010**
  - 28) Workshop on "Strategic Priorities for Advanced Medical and Health Research" organized by *King Abdulaziz City for Science and Technology*, Riyadh, Saudi Arabia on 12<sup>th</sup> May **2008**.
  - 29) Planning for Effective Teaching by Dr. Willim Buskist, which was held at Al-ahsa Intercontinental during the period of 11 – 13<sup>th</sup> April 2009 for a total of 15 training hours, Organized by *Deanship of skills development*, King Saud University, Saudi Arabia.
  - 30) Teaching Strategies, three days workshop organized *Deanship of Faculty Development*, King Faisal University, Al-Ahsa, Saudi Arabia, **2008**.
  - 31) Workshop on "e-learning" *Deanship of Faculty Development*, King Faisal University, Al-Ahsa, Saudi Arabia, **2008**.
  - 32) Workshop on "WebCT", *Deanship of Faculty Development*, King Faisal University, Al-Ahsa, Saudi Arabia, **2008**.
  - 33) "Biomedical communication in the cyber age" *ICMR* Sponsored workshop on Kerala, India, **2002**.
  - 34) Participated in Indian Cosmetics Technologist Association workshop on "Personal care Products –

### Technical Presentation (Invited Lecture)

- 1) **The Patent is Easier than you image-** Deanship of Scientific Research, King Faisal University, Saudi Arabia. Date: 4<sup>th</sup> October **2022**
- 2) **"Use of EndNote software in Research"** Professional Development Committee, College of Clinical Pharmacy, King Faisal University. Saudi Arabia. On 4<sup>th</sup> March **2015**.
- 3) **"Plagiarism detection tools"** Deanship of library affair, King Faisal University, Saudi Arabia. Date: 18<sup>th</sup> September **2013**
- 4) A public lecture entitled "Clicker-Qwizdom (Active learning)" - College of Clinical Pharmacy, King Faisal University, Saudi Arabia, **2013**
- 5) **"Good Manufacturing Practice – Outlines"** at Milind College of Pharmacy, Bangalore, India. **2009**.
- 6) A public lecture entitled "Good Manufacturing Practice" – College of Clinical Pharmacy, King Faisal University, Saudi Arabia, **2011**
- 7) A public lecture entitled "Library Tour – Use of online database" - College of Clinical Pharmacy, King Faisal University, Saudi Arabia, **2012**
- 8) A public lecture entitled "Ergonomics" - College of Clinical Pharmacy, King Faisal University, Saudi Arabia, **2009**

### Reviewer – Journal

- 1) International Journal of Nanomedicine, Drug Design, Development and Therapy, The Journal of Pharmaceutical Innovation, The African Journal of Food Sciences, The Archives of Pharmaceutical Sciences and Research, The Journal of Microencapsulation, The International Journal of Pharmaceutics, Pharmaceutics, Pharmaceuticals, Nanomaterials, Molecules

### Community Engagement – Participation

- 1) Participated two days' workshop on "Securing Community Engagement: More than just Academic Wallpaper" Organized by *Deanship of Quality Assurance and Academic Accreditation* along with British Council coloration at Coral Plaza, Trainer Professor Peter Hodson on 23 – 24<sup>th</sup> April **2012**
- 2) Participated in "Community Engagement" workshop at King Faisal University organized by *Deanship of Academic Development*. Trainer Dr. Hiram Earl Fitzgerald and Dr. Miles Allen McNall from Michigan State University, USA on March 10 – 13<sup>th</sup>, **2012**
- 3) Attended workshop on community engagement "Higher Education's 21<sup>st</sup> Century Global Imperative: Implementation and Impact Challenges and Opportunities at King Faisal University" at King Faisal University, Trainer Dr. Kevin Kecskes, Associate Vice Provost for Engagement. Director, Community-University Partnerships, Portland State University, Portland, on June 6 and 7<sup>th</sup> **2011**.

### 6.2- Committees

- 1) **2009 – 2010**, Member of Activities, Media and Public Relations, College of Clinical Pharmacy, King Faisal University, Saudi Arabia.
- 2) **2010 – 2011**, Member of Quality Assurance Department, College of Clinical Pharmacy, King Faisal University, Saudi Arabia
- 3) **2010 – 2011**, Member of Research Committee, College of Clinical Pharmacy, King Faisal University, Saudi Arabia
- 4) **2011 – 2012**, Standard 4: Teaching and Learning, NCAAA, (National Commission for Academic Accreditation & Assessment), College of Clinical Pharmacy, King Faisal University, Saudi Arabia.
- 5) **2011 – 2012**, Standard 7: Facilities and equipments, NCAAA, (National Commission for Academic Accreditation & Assessment), College of Clinical Pharmacy, King Faisal University, Saudi Arabia.
- 6) **2012 – 2013**, Member of committee for Research and Laboratories, College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia
- 7) **2013 – 2014**, Member of Assessment Committee, College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia
- 8) **2013 – till date**, Member of Professional Development Committee, College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia
- 9) **2013 – 2014**, Member of Learning Resources Committee, College of Clinical Pharmacy, King Faisal

University, Al-Ahsa, Saudi Arabia

- 10) **2014 – till date**, Member of Quality Management Unit, College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia
- 11) **2016 – 2019**, Member of Learning Resources Committee, College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia
- 12) **2017 – 2020**, Head of Statistics and Information Committee, College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia
- 13) **2018 – Present**, Member, of Committee of Development and Quality Assurance, College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia
- 14) **2021- 2024**, Member: Committee for Strategic Planning, College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia
- 15) **2025- Present**, Member: Committee for Strategic Planning, College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia

### 6.3- Coordinator

- 1) **2010 – till date**, Co-ordinator for Pharmaceutical Science Department, College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Saudi Arabia

### Editorial Member

- 1) Journal of Pharmaceutical Sciences and Research, **2009 – till date**
- 2) Journal of Basic and Clinical Pharmacy, **2009 – till date**

### External Reviewer – Doctoral Thesis

- 1) JSS University, Mysore, India
- 2) Manipal University, India
- 3) JSS University, Belgaum, India
- 4) Anamalai University, Tamilnadu, India

### MISCELLANEOUS

- 1) **Learning Management System:** I have used several virtual learning environments (Blackboard, WebCT and Google forms in particular)
- 2) **Industrial Training:** Pacific Pharmaceuticals Pvt. Ltd, Bangalore, INDIA. Well versed in all Pharma Production QA & QC activities.
- 3) **Instruments Handled:** Buchi Nano Spray-dryer, Malvern Zetasizer (particle size, zeta potential, rheology), ERWEKA (single punch eccentric tablet press, ERWEKA tablet press 16 station, Dissolution, Disintegration, Friability, Hardness tester, Thickness tester, Tapped density, suppository tester, ERWEKA All purpose instrument.
- 4) **Skills:** a) Proficient in all leading word and numerical processing packages Corel Draw. b) Data analysis and statistics like Sigma Plot and Design of Experiments.

### PROFESSIONAL MEMBERSHIP

1. Life member of Association of Pharmaceutical Teachers of India-(APTI), India
2. Life member of Indian Cosmetics Technologist Association – ICTA, India
3. Treasurer of Indian Cosmetics Technologist Association – ICTA, India
4. Life member of InPharm Association. A young pharmacist group of India.
5. Life member of Karnataka State Pharmacy Council, India

### REFERENCE

- Professor B. G. Shivananda, Principal, Al- Ameen College of Pharmacy, Bangalore. Contact Number – +91 9844023000.
- Dr. Shobha rani R. H, Professor and Head, Department of Pharmacy Practice, Al-Ameen College of Pharmacy, Bangalore. Contact Number – +91 9845399431.
- Dr. Krishna moorthy rao, Principal, Milind Institute of Pharmacy, Bangalore. Contact Number +91 -80 – 23493279.
- Dr. Mohammed S. Al-Wesali, Vice President, North Boarder University, Saudi Arabia. Contact

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