

Faculty Portfolio

Dr. Geetha Kandasamy

Associate Professor

Clinical Pharmacy

College of Pharmacy

King Khalid University

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Education:

Year of Graduation	Qualifications (Specializations if any)	University/College, Country
2015	Ph.D (Pharmaceutical Sciences)	Jawaharlal Nehru Technological University, Hyderabad.
2006	Master of Pharmacy (Pharmacy Practice)	KMCH College of Pharmacy The Tamil Nadu Dr. MGR Medical University, Tamil Nadu, India
2003	Bachelor of Pharmacy	KMCH College of Pharmacy Dr. MGR Medical University, Tamil Nadu, India

Professional experience:

Year	Positions	University/College, Country
January 2018 to June 2023 July 2023 to Present	Assistant Professor Clinical Pharmacy Associate Professor Clinical Pharmacy	College of Pharmacy, King Khalid University, Abha, KSA
February 2016 to November 2017.	Associate Professor Department of Pharmacy Practice	Grace College of Pharmacy, Palakkad.
May 2008 to January 2016	Assistant Professor Department of Pharmacy Practice	KMCH College of Pharmacy, The Tamil Nadu Dr. MGR Medical University, Tamil Nadu, India
August 2006 to April 2008	Lecturer Department of Pharmacy Practice	Periyar College of Pharmaceutical Sciences for Girls The Tamil Nadu Dr. MGR Medical University, Tamil Nadu, India

February 2006 –July 2006	Clinical Research Coordinator (Phase III Clinical Trials)	Kovai Medical Center and Hospital, Coimbatore, India.
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Community service activities

Year	Positions & Name of the Project	University/Company, Country
2020	Faculty Development Day	King Khalid University
2023	Community Activity	King Khalid University

Academic/research awards:

Year/Duration of Award	Name of the Award	University/Company, Country
2019	Third Position in Student research day poster. (Prevalence of smoking habits among students of King Khalid University in Saudi Arabia)	College of Pharmacy King Khalid University Saudi Arabia

Workshops/ Trainings:

Year	Title	University/Company, Country
March 2020	Faculty Development Day	King Khalid University

Research interests:

Clinical Pharmacy
Hospital Pharmacy
Community Pharmacy

Teaching experience:

- Teaching Drug information-1 at King Khalid University from 2019-2020.
- Teaching Pharmaceutical Care at King Khalid University from 2020
- Teaching Drug information-2 at King Khalid University from 2018-2019.
- Teaching Clinical pharmacy administration at King Khalid University from 2018-2020.
- Teaching Clinical skills for pharmacist at King Khalid University from 2018-2020.
- Teaching Clinical pharmacokinetics at King Khalid University from 2018-2019.

- Teaching Pharmacotherapeutics at Grace College of Pharmacy, Palakkad, from 2015-2017
- Teaching pharmacy practice and pathophysiology at KMCH college of pharmacy
- Teaching Clinical Pharmacy at KMCH college of pharmacy from 2008-2012
- Teaching Clinical Toxicology at KMCH college of pharmacy from 2010-2015
- Teaching Pharmacotherapeutics at KMCH college of pharmacy 2009-2012
- Teaching Hospital Pharmacy at KMCH college of pharmacy 2010-2015
- Teaching Anatomy physiology and health education at Periyar college of pharmaceutical sciences for girls, KMCH college of pharmacy 2006-2008

Professional membership:

Year	Name of the professional Body	Role
2003- Present	Tamil Nadu Pharmacy Council	Member

Publications:

1. Kandasamy G, Almaghaslah D, Vasudevan R, Shorog E, Alshahrani AM, Alsawaq E, Alzlaq W, Prabaha K, Veeramani VP, Alshareef H. Assessment of oral health literacy and oral health-related quality of life in Saudi university students: A cross-sectional study. *J Oral Rehabil.* 2023 ;50(9):852-859. doi: 10.1111/joor.13520. Epub 2023 Jun 4. PMID: 37232064.
2. Shivanandappa TB, Chinnadhurai M, Kandasamy G, Vasudevan R, Sam G, Karunakarannair A. *Ziziphus mauritiana* Leaves Normalize Hormonal Profile and Total Cholesterol in Polycystic Ovarian Syndrome Rats. *Plants (Basel).* 2023 ;12(14):2599. doi: 10.3390/plants12142599.
3. Ghazwani, M.; Vasudevan, R.; Kandasamy, G.; Manusri, N.; Devanandan, P.; Puvvada, R.C.; Veeramani, V.P.; Paulsamy, P.; Venkatesan, K.; Chidmabaram, K.; et al. Formulation of Intranasal Mucoadhesive Thermotriggered In Situ Gel Containing Mirtazapine as an Antidepressant Drug. *Gels* **2023**, *9*, 457. <https://doi.org/10.3390/gels9060457>
4. Kandasamy, G.; Almaghaslah, D.; Almanasef, M. An Evaluation of Continuing Medical Education among Pharmacists in Various Pharmacy Sectors in the Asir Region of Saudi Arabia. *Healthcare* **2023**, *11*, 2060. <https://doi.org/10.3390/healthcare11142060>

5. Kandasamy, G.; Almeleebia, T. A Prospective Study on Obstructive Sleep Apnea, Clinical Profile and Polysomnographic Variables. *J. Pers. Med.* **2023**, *13*, 919. <https://doi.org/10.3390/jpm13060919>
6. Alhamhoom Y, Honmane SM, Hani U, Osmani RAM, Kandasamy G, Vasudevan R, Paramshetti S, R. Dudhal R, K. Kengar N, Charde MS. Study of Formulation and Process Variables for Optimization of Piroxicam Nanosuspension Using 3² Factorial Design to Improve Solubility and In Vitro Bioavailability. *Polymers.* 2023; 15(3):483. <https://doi.org/10.3390/polym15030483>
7. Rajalakshimi Vasudevan, Geetha Kandasamy, Afaf Aldahish, Mona Almanasef, Moteb Khobrani, Eman Shorog, Kousalya Prabahaar, Enas Mohammed Alsawaq, Shadma Wahab, M. Yasmin Begum, Premalatha Paulsamy, "Antidepressant and Anxiolytic Potentials of the Chewing Stick, *Salvadora persica*", *Journal of Tropical Medicine*, vol. 2023, Article ID 9683240, 10 pages, 2023. <https://doi.org/10.1155/2023/9683240>
8. Aldahish A, Balaji P, Vasudevan R, Kandasamy G, James JP, Prabahaar K. Elucidating the Potential Inhibitor against Type 2 Diabetes Mellitus Associated Gene of GLUT4. *Journal of Personalized Medicine.* 2023; 13(4):660. <https://doi.org/10.3390/jpm13040660>.
9. Moteb Khobrani, Geetha Kandasamy, Rajalakshimi Vasudevan, AbdulAziz Alhossan, Ranadheer Chowdary Puvvada, Praveen Devanandan, Rajeshri Dhurke, Manusri Naredla, Impact of vitamin B6 deficiency on the severity of diabetic peripheral neuropathy – A cross sectional study. *Saudi Pharmaceutical Journal.* 2023; ISSN 1319-0164, <https://doi.org/10.1016/j.jsps.2023.03.005>.
10. Ghazwani M, Vasudevan R, Kandasamy G, Hani U, Niharika G, Naredla M, Devanandan P, Puvvada RC, Almehizia AA, Hakami AR, Dhurke R. Development and In Vitro Characterization of Antibiotic-Loaded Nanocarriers for Dental Delivery. *Molecules.* 2023; 28(7):2914. <https://doi.org/10.3390/molecules28072914>.
11. Khobrani M, Vasudevan R, Kandasamy G, Gramish JA, Prabahaar K, Paulsamy P. Evaluation of Health Care Professionals' Knowledge, Attitudes, and Practice to Prevent the Pandemic Spread of COVID-19: A Questionnaire-Based Cross-Sectional Study from Abha, Saudi

- Arabia. Healthcare (Basel). 2023 Feb 9;11(4):509. doi: 10.3390/healthcare11040509. PMID: 36833043; PMCID: PMC9957241.
12. Shoaib S, Ansari M.A, **Kandasamy Geetha**, Vasudevan, R, Hani U, Chauhan W, Alhumaidi, M.S, Altammar K.A, Azmi S, Ahmad W et al. An Attention towards the Prophylactic and Therapeutic Options of Phytochemicals for SARS-CoV-2: A Molecular Insight. *Molecules* **2023**, 28, 795. <https://doi.org/10.3390/molecules280207>
 13. Rajalakshimi Vasudevan, **Geetha Kandasamy**, Dalia Almaghaslah, Mona Almanasaef, Ali Alqahatani, Afaf Aldahish, Krishnaraju Venkatesan, Premalatha Paulsamy, Maheswari C, Shadma Wahab. Alleviation of neuropathic pain by trazodone in rats. *Braz. J. Pharm. Sci.* 2022;58: e19256. <https://doi.org/10.1590/s2175-97902022e19256>
 14. Dalia Almaghaslah, Abdulrhman Alsayari, Rajalakshimi Vasudevan, **Geetha Kandasamy**, Sadia Batool, Easwaran Vigneshwaran, Asma A. Asheri, Bayan A. Algamdi, Mona N. Alhattan and Shahad M. Alali. Attitudes and Awareness of Complementary and Alternative Medicine Use Among Adults in the Asir Region, Saudi Arabia: A Web-Based Cross-Sectional Study. *Current Topics in Nutraceutical Research.* 2022; 20 (1) 1-8. Accepted for Publication. <http://dx.doi.org/10.37290/ctnr2641-452X.20:7-14>.
 15. Afaf Aldahish, Mona Almanasef, Nouf Al-Saad, Reem Asiri, Rajalakshimi Vasudevan and **Geetha Kandasamy**. Attitudes and Belief among the Population in Saudi Arabia about the Consumption of Herbal Products for the Prevention of COVID-19 Infection: A Cross-Sectional Study. *Indian J Pharm Sci* 2022;83(7) Spl Issue “12-19.
 16. Kumarappan Chidambaram, Taha Alqahtani, Yahia Alghazwani, Afaf Aldahish, Sivakumar Annadurai, Kumar Venkatesan, Kavitha Dhandapani, Ellappan Thilagam, Krishnaraju Venkatesan, Paulsamy Premalatha, Rajalashimi Vasudevan, **Geetha Kandasamy**. Medical plants of solanum species: The Promising Sources of Phyto- insecticidal Compounds. *Journal of Tropical Medicine.* 2022;2022:1-22. Article ID 4952221. <https://doi.org/10.1155/2022/4952221>
 17. Saad Ali Alshehri, Shadma Wahab, Shahabe Saquib Abullais, Gotam Das, Umme Hani, Waasim Ahmad, Mohd Amir, Ayaz Ahmad, **Kandasamy, G.**; Vasudevan, R. Pharmacological Efficacy of Tamarix aphylla: A Comprehensive Review. *Plants* 2022, 11, 118.

18. Premalatha Paulsamy, Krishnaraju Venkatesan, Jamal Moideen Muthu Mohamed, ShadiaHamoud Alshahrani,Ramasubbamma Ramaiah,Vigneshwaran Easwaran,Mohamed El-Sherbiny, Mohamed Dosoky,Noohu Abdulla Khan, Kousalya Prabahar, **Geetha Kandasamy**, and Kibebe Sahile. Empowerment of primary healthcare providers on the prevention and management of Dental or oral health issues among post chemotherapy patients in pandemic. Journal of Healthcare Engineering.2022;2022. <https://doi.org/10.1155/2022/9087776>
19. [Premalatha Paulsamy](#) , [Vigneshwaran Easwaran](#) , [Rizwan Ashraf](#) , [Shadia Hamoud Alshahrani](#) , [Krishnaraju Venkatesan](#) , [Absar Ahmed Qureshi](#) , [Mervat Moustafa Arrab](#), [Kousalya Prabahar](#) , [Kalaiselvi Periannan](#) , [Rajalakshimi Vasudevan](#) , [Geetha Kandasamy](#), [Kumarappan Chidambaram](#), [Ester Mary Pappiya](#) , [Kumar Venkatesan](#) , [Vani Manoharan](#) . Association of Maternal Observation and Motivation (MOM) Program with m-Health Support on Maternal and Newborn Health. 2021 Nov 25;9(12):1629. doi: 10.3390/healthcare9121629.
20. Paulsamy, P.; Periannan, K.; Easwaran, V.; Abdulla Khan, N.; Manoharan, V.; Venkatesan, K.; Qureshi, A.A.; Prabahar, K.; **Kandasamy, G.**; Vasudevan, R.; et al. School-Based Exercise and Life Style Motivation Intervention (SEAL.MI) on Adolescent’s Cardiovascular Risk Factors and Academic Performance: Catch Them Young. Healthcare **2021**, 9, 1549. <https://doi.org/10.3390/healthcare9111549>.
21. Paulsamy, P.; Ashraf, R.; Alshahrani, S.H.; Periannan, K.; Qureshi, A.A.; Venkatesan, K.; Manoharan, V.; Govindasamy, N.; Prabahar, K.; Arumugam, T.; Kumar Venkatesan , Kumarappan Chidambaram, **Geetha Kandasamy**, Rajalakshimi Vasudevan and Kalpana Krishnaraju. Social Support, Self-Care Behaviour and Self-Efficacy in Patients with Type 2 Diabetes during the COVID-19 Pandemic: A Cross-Sectional Study. Healthcare **2021**, 9, 1607. <https://doi.org/10.3390/healthcare9111607>
22. Wahab, S.; Annadurai, S. Abullais, S.S.; Das, G.; Ahmad,W.; Ahmad, M.F.; **Kandasamy, G.**; Vasudevan, R.; Ali, M.S.; Amir, M. Glycyrrhiza glabra (Licorice): A Comprehensive Review on Its Phytochemistry, Biological Activities, Clinical Evidence and Toxicology. Plants **2021**, 10, 2751. <https://doi.org/10.3390/plants10122751>.
23. Dalia Almaghaslah, Mona Almanasef, Rajalakshimi Vasudevan, **Geetha Kandasamy**, Krishnaraju Venkatesan, Sadia Batool, Khawlah Awad Alqadi, Rana Dhafer Alshehri,

- Sumiah Awdhah Alasmari. Community pharmacists' knowledge, attitude and practice of oral health care in Asir region, Kingdom of Saudi Arabia. *Int J Dent Hygiene*. 2021;00:1–7. <https://doi.org/10.1111/idh.12559>.
24. Mona Almanasef, Dalia Almaghaslah, **Geetha Kandasamy**, Rajalakshimi Vasudevan, Sadia Batool. Involvement of community pharmacists in public health services in Asir Region, Saudi Arabia: A cross-sectional study. *International Journal of Clinical Practice*. 2021;00:e14940.
 25. **Geetha Kandasamy**. Pre-menstrual syndrome among the general female population of Saudi Arabia: Are there any opportunities for pharmacist's involvement in patients education? *Research Journal of Pharmacy and Technology*. 2021; 14 (9) :4875-0. doi: [10.52711/0974-360X.2021.00847](https://doi.org/10.52711/0974-360X.2021.00847).
 26. **Geetha Kandasamy**, Dalia Almaghaslah, Mona Almanasef, Rajalakshimi Vasudevan, Vigneswaran Easwaran. An Evaluation of the Psychological Impact of Covid-19 and the Precautionary Measure of Social Isolation on Adults in the Asir Region, Saudi Arabia. *Int J Clin Pract*. 2021, e14756.
 27. **Geetha Kandasamy**, Palanisamy Sivanandy, Dalia Almaghaslah, Mona Almanasef, Rajalakshimi Vasudevan, Ali Alqahtani, Maheswari Chinnadhurai, NA Arun. A Cross-sectional study on prescribing and dispensing errors at a corporate hospital in South India. *Int J Clin Pract*. 2021, e14489.
 28. **Geetha Kandasamy**, Dalia Almaghaslah, Mona Almanasef, Rajalakshimi Vasudevan, Ali Alqahtani, Maheswari Chinnadhurai, Nimin Joy. A Study Of Prescribing Patterns For Non-Steroidal Anti-Inflammatory Drugs In A Tertiary Care Teaching Hospital. *Indian J Pharm Sci*. 2021;83(2):278-283.
 29. Dalia Almaghaslah, Abdulrhman Alsayari, **Geetha Kandasamy** and Rajalakshimi Vasudevan. COVID-19 Vaccine Hesitancy among Young Adults in Saudi Arabia: A Cross-Sectional Web-Based Study. *Vaccines* 2021; 9, 330. <https://doi.org/10.3390/vaccines9040330>
<https://www.mdpi.com/journal/vaccines>.
 30. Almaghaslah D, **Kandasamy G**, Almanasef M, Vasudevan R, Chandramohan S. Review on the coronavirus disease (COVID-19) pandemic: Its outbreak and current status. *Int J Clin Pract*. 2020;00:e13637. <https://doi.org/10.1111/ijcp.13637>.

31. **Geetha Kandasamy**, Palanisamy Sivanandy, Dalia Almaghaslah, Moteb Khobrani, Maheswari Chinnadhurai, Rajalakshimi Vasudevan, Tahani Almeleebia. Knowledge, Attitude, Perception and Practice of Antibiotics Usage Among the Pharmacy Students. *Int J Clin Pract.* 2020;00:e13599. <https://doi.org/10.1111/ijcp.13599>.
32. Mona Almanasef, Abdulrahman Alsayari, Dalia Almaghaslah, Fahad Alahmari, **Geetha Kandasamy**, Rajalakshimi Vasudevan. Flipping pharmacoepidemiology classes in a Saudi Doctor of Pharmacy program. *Tropical Journal of Pharmaceutical Research* April 2020; 19 (4): 865-872.
33. **Geetha Kandasamy**, Dalia Almaghaslah, Palanisamy Sivanandy, Somasundaram Arumugam. Effectiveness of nasal continuous airway pressure therapy in patients with obstructive sleep apnea. *Int J Health Plann Mgmt.* 2019;1-8. <https://doi.org/10.1002/hpm.2758>.
34. **Geetha Kandasamy**, P. Sivanandy¹, M. Khobrani, Dalia Almaghaslah, Mona Almanasef, Rajalakshimi Vasudevan, Maheswari Chinnadhurai², Nayana Honey. Effectiveness of Antiemetics in the Management of Chemotherapy-induced Nausea and Vomiting in Cancer Patients Following Chemotherapy Guidelines. *Indian J Pharm Sci* 2019;81(4):757-765.
35. Rajalakshimi Vasudevan*, Sadia Batool, **Geetha Kandasamy**, Saleh Farhan, Saeed, Nouf Saleh, Maha Mohammed, Arwa Gursan Awad. Anti-nociceptive effect of gabapentin in mouse models of acute and chronic pain. *Trop J Pharm Res, July 2019; 18(7): 1480*.
36. Chinnadhurai M, Al-Otaibi F, Nelson K, **Kandasamy G**, Shanmugam M, Venkatnarayanan R. Protective Effect of *Madhuca longifolia* Leaves in 7, 12-Dimethylbenz(a)anthracene Induced Mammary Carcinoma in Sprague Dawley Rat model. *Phcog Mag* 2019;15:S396-401.
37. Kenichi Watanabe, Vengadeshprabhu Karuppagounder, Remya Sreedhar, **Geetha Kandasamy**, Meilei Harima, Ravichandiran Velayutham, Somasundaram Arumugam. Basidiomycetes-X, an edible mushroom, alleviates the development of atopic dermatitis in NC/Nga mouse model. *Perimental and molecular pathology.* 2018;105: 322-327.
38. **Geetha. K.**, Neethu Muralidharan, Ramaprabha Hari. A study on evaluation of anthracycline induced cardiotoxicity in chemotherapy patients in a tertiary care hospital. *Journal of harmonized research in pharmacy.* 2017; 6 (4) :67-78.

Conference attendance/presentations:

1. Participated in the International webinar conducted by NIPER, Kolkatta, India on 30th April 2020 on the topic “COVID-19 from a challenge to an opportunity for Indian Pharmaceutical companies to be self-reliant”.
2. Presented a poster prevalence of smoking habits among students of King Khalid University in Saudi Arabia at 14th Annual Research Day, King Khalid University, Saudi Arabia; 2019.
3. **Geetha K**, Abhay Dharamsi, Rajasekaran A, Vijayakumar A. A study on excessive daytime sleepiness in obstructive sleep apnea patients. National level technical symposium on emerging opportunities and challenges for clinical pharmacist in national health care. Organized by PSG College of Pharmacy. Coimbatore, on 29th and 30th October 2010.
4. **Geetha K**, Mohammed Hisham, Vijayakumar. A Cross Sectional Study on Patients with Enteral Nutrition” in the 17th Dubai International Pharmaceuticals and Technologies Conference and Exhibition- DUPHAT 2012 at Dubai International Conference and Exhibition Center from 12nd Mar. – 14th Mar. 2011.
5. **Geetha K**, Bijoy Cherian, Vikas Raman C, Feba Baby, Dhandapani C, Vijayakumar. Knowledge Assessment and Patient Counselling on Diabetic Foot Care. The National Seminar on Phytonutraceuticals, Pharmacovigilance, CADD & Drug Development @ Pushpagiri College of Pharmacy, Thiruvalla, Kerala on 16th September 2011.
6. **Geetha K**, Abhay D, Rajasekaran A, Vijayakumar A. An Observational Study on Obstructive Sleep Apnoea. The 11th Asian Conference on Clinical Pharmacy. Phillipine International Convention Center Pasay City, Phillippines 24-27 June 2011.
7. **Geetha K**, A.Vjayakumar, Abhay Dharamsi, Sheena Marin Thomas. Quality of life and obstructive sleep apnea-A cross sectional study. Preclinical and clinical drug discovery organized by KMCH College of Pharmacy, Coimbatore-48, November 2011.
8. **Geetha K**, Binny Thomas, Palaniswamy S, Vijayan K. A case report on cerebrovascular highways at National level symposium on emerging opportunities and challenges for clinical pharmacist, Organized by PSG college of Pharmacy. Coimbatore, on 8th & 9th July 2011.
9. **Geetha K**, Yamini P, Palanisamy S, Vijayakumar A, Sivakumar V, Dhandapani C. A study on assessment, monitoring, documentation and reporting of adverse drug reactions at a multidisciplinary super-specialty hospital. Preclinical and clinical drug discovery organized by KMCH College of Pharmacy, Coimbatore-48, November 2011.

10. **Geetha K**, Elizabeth Bijoy, S.Palanisamy, Mohammed Hisham, A.Rajasekaran. A cross sectional study on polycystic ovary syndrome in a corporate hospital. Preclinical and clinical drug discovery organized by KMCH College of Pharmacy, Coimbatore-48, November 2011.
11. **Geetha K**, Josmy Jose, C. Dhandapani, A. Vijayakumar. A cross sectional study on diabetes mellitus in multispecialty hospital. Preclinical and clinical drug discovery organized by KMCH college of pharmacy, coimbatore-48, November 2011.
12. **Geetha K**, S. Palanisamy, S. Loganathan, A. Vijayakumar, V. Sivakumar, C. Dhandapani. A cross sectional study on prescribing pattern of drugs in children. Preclinical and clinical drug discovery organized by KMCH college of pharmacy, coimbatore-48, November 2011.