

Personal Details	<p>Dr. SOHRAB A. SHAIKH B. Pharmacy., M. Pharmacy (Pharmacology)., PGDBM., Ph.D. (Pharmacy) Assistant Professor, AIMST University, Faculty of Pharmacy, 08100, Bedong, Kedah, Malaysia. e-mail: shaikh.sohrab@aimst.edu.my/ shaikh.sohrab@gmail.com</p>
Academic Qualifications	<ol style="list-style-type: none"> 1. Ph.D. (Pharmacy) AIMST University, Faculty of Pharmacy, Bedong, Kedah, Malaysia. 2. Master of Pharmacy (Pharmacology) University of Pune, Maharashtra, India. 3. Post Graduate Diploma in Business Management (Pharma) Indian Institute of Pharmaceutical Marketing, Lucknow, India. 4. Bachelor of Pharmacy Shivaji University, Maharashtra, India.
Administrative Duties	<p>Responsible for performing administrative duties and activities as a coordinator or committee member for the following committees.</p> <ol style="list-style-type: none"> 1. Course Coordinator and Co-Lecturer for B. Pharmacy Program at Faculty of Pharmacy, AIMST University. 2. Batch Coordinator for B. Pharmacy Batch 2021 at Faculty of Pharmacy, AIMST University. 3. Post Graduate Program Coordinator at Faculty of Pharmacy, AIMST University. 4. AIMST University Board of Post Graduate Studies Member. 5. AIMST University Animal Ethics Committee (AUAEC) Coordinator. 6. AIMST University Institutional Biosafety Committee (IBC) Member. 7. AIMST University Faculty of Pharmacy Major Curriculum Review Task Force (Committee Member). 8. AIMST University Faculty of Pharmacy Continuous Professional Development (Committee Member). 9. AIMST University Faculty of Pharmacy Quality Assurance & Document Information (Committee Member). 10. AIMST University Faculty of Pharmacy Curriculum Review Committee Member. 11. AIMST University Faculty of Pharmacy Academic Planning & Assessment Committee Member. 12. AIMST University, Faculty of Pharmacy Library Committee Head (2016-2024).
Publications (last 5 years)	<ol style="list-style-type: none"> 1. Shaikh SA, Muthuraman A. Tocotrienol-Rich Fraction Ameliorates the Aluminium Chloride-Induced Neurovascular Dysfunction-Associated Vascular Dementia in Rats. <i>Pharmaceuticals</i>. 2023 Jun 1;16(6):828. (Journal Impact Factor 4.6). 2. Shaikh SA, Varatharajan R, Muthuraman A. Palm oil derived tocotrienol-rich fraction attenuates vascular dementia in type 2 diabetic rats. <i>International Journal of Molecular Sciences</i>. 2022 Nov 4;23(21):13531. (Journal Impact Factor 5.6) 3. Shaikh Sohrab A., Muthuraman Arunachalam, Rajavel Varatharajan. Neuroprotective Effects of Palm Oil Derived Tocotrienol-Rich Fraction in Aluminium Chloride Induced Vascular Dementia Rats. <i>Proceedings of</i>

	<p>28th Federation of Asian Pharmaceutical Associations, MPS-National Pharmacists Convention 2022. Malaysian Journal of Pharmacy, Volume 8, Issue 2, Supplementary (2022), 94. (Conference proceeding)</p> <ol style="list-style-type: none"> 4. Muthuraman A, Ramesh M, Shaikh SA, Aswinprakash S, Jagadeesh D. Physiological and Pathophysiological Role of Cysteine Metabolism in Human Metabolic Syndrome. Drug Metabolism Letters. 2021;14(3):177-192. 5. Muthuraman A, Shaikh SA, Ramesh M, Sikarwar MS. The structure–activity relationship of marine products for neuroinflammatory disorders. In Studies in Natural Products Chemistry 2021 Jan 1 (Vol. 70, pp. 151-194). Elsevier. Chapter published in Studies in Natural Products Chemistry. 6. Bera, H., Abbasi, Y. F., Gajbhiye, V., Ping, L. L., Salve, R., Kumar, P., Kesavan, S., & Shaikh, S. A. (2021). Chemosensitivity assessments of curdlan-doped smart nanocomposites containing erlotinib HCl. International journal of biological macromolecules, 181, 169–179. Advance online publication. (Journal Impact Factor 5.162) 7. Sridevi Chigurupati, Sitansu Sekhar Nanda, Dong Kee Yi, Kesavanarayanan Krishnan Selvarajan, Sohrab Akthar Shaikh, Jahidul Islam Mohammad and Appala Raju Nemala. “Inhibitory Activities of α-Glucosidase and α- Amylase and their Hypoglycaemic Capability in the Treatment of Diabetes”. EC Pharmacology and Toxicology 7.2 (2019): 79-91.
On-going Research	<p>Total research ongoing: 03 Pharmacological evaluation of herbal extracts for the possible CNS effects in different neurological conditions (Depression and Anxiety)</p>
Completed Research	<p>Total Research Completed: 27 Major research work completed</p> <ol style="list-style-type: none"> 1. Pharmacological evaluation of neuroprotective effects of palm oil-derived tocotrienol-rich fraction in animal models of vascular dementia. (PhD research work) 2. A mechanistic study on erlotinib-loaded curdlan-clay based semi-IPN nanocomposites for molecularly targeted non-small-cell lung cancer therapy. (Malaysia FRGS grant work) 3. Pharmacological evaluation of antidepressant activity and anti-anxiety effects of herbal extracts in stress-induced and diabetic rats. (Undergraduate research work)
Research Grants	<ol style="list-style-type: none"> 1. AIMST University internal research grant: Received internal research grant for the following research work. “Therapeutic Evaluation of Palm Oil Derived Tocotrienol Rich Fraction for the Neuroprotective Effects in Animal Models of Vascular Dementia”. Funding amount: RM 10,000; Status of the project: Completed. 2. Malaysia FRGS grant (FRGS/1/2016/SKK08/AIMST/02/1): Principal Investigator for the following grant since January 2019. A mechanistic study on erlotinib-loaded curdlan-clay based semi-IPN nanocomposites for molecularly targeted non-small-cell lung cancer therapy. Funding amount: RM 99245; Status of the project: Completed 3. AIMST University internal research grant: Received internal research grant for the following research work. “Effect of ellagic acid in type 2 diabetes mellitus-induced nephropathy in rats” Funding amount: RM 20,000; Status of the project: Completed

Consultancy	1. Advisor to LEO Club of AIMST University
Awards/ Achievements	<ol style="list-style-type: none"> 1. Awarded Doctor of Philosophy (Pharmacy) by AIMST University during 15th AIMST University Convocation held on 25 May 2024. 2. Best Critique Award at the Q2 Journal Critique 2023 organised by Centre for Postgraduate Studies, AIMST University on July 20-21, 2023. 3. Best Presentation Award (Session 2) at the Q1 Journal Critique 2022 organised by the Centre for Postgraduate Studies, AIMST University on March 29-30, 2022. 4. Best Presentation Award (Session 4) at the Q2 Journal Critique Presentation 2021 organised by the Centre for Postgraduate Studies, AIMST University on June 28-29, 2021. 5. Certificate of award for successfully completing the course How to Write an Effective Research Paper, conducted by Karger Publishers on 29/5/2020. 6. Certificate of award for successfully completing the course How to Submit a Journal Article and Get it Published, conducted by Karger Publishers on 29/5/2020. 7. Awarded as All India Best Representative and No1 in the National Individual Contest for the product Coversyl at “Serdia, 17th National Seminar” held at Goa, India in 2004 by SERDIA Pharmaceuticals.
Professional Membership	<ol style="list-style-type: none"> 1. Registered Pharmacist with Maharashtra State Pharmacy Council, India. 2. Life Member with the Association of Pharmaceutical Teachers of India.
Supervision	<ol style="list-style-type: none"> 1. Co-supervisor (Master of Pharmacy) :1 2. Supervisor for pharmacy undergraduate student: 30
Teaching	<ol style="list-style-type: none"> 1. Conducting lectures and practical for the B. Pharmacy students at Faculty of Pharmacy, AIMST University. <ul style="list-style-type: none"> • Peripheral Nervous System & Pharmacotherapy • Preclinical Drug Evaluation • Anatomy and Physiology • Research Methodology and Biostatistics • Pulmonary Renal System & Pharmacotherapy • Drug Abuse and Society • Research Project I&II • Cardiovascular System & Pharmacotherapy • Gastrointestinal, endocrine system and pharmacotherapy • General Pharmacology Therapeutics (Practical) • Central Nervous System & Pharmacotherapy (Practical) 2. Cross Faculty Teaching at Faculty of Medicine and Faculty of Allied Health Professions, AIMST University. <ul style="list-style-type: none"> • Systemic Pharmacology, Principles of Laboratory Animal Science (Biomedical Science, Faculty of Medicine) • Pharmacology (Physiotherapy and Nursing, Faculty of Allied Health Professions)
Areas of Expertise	<ol style="list-style-type: none"> 1. University-Level Teaching: Deliver comprehensive lectures and hands-on practical sessions for undergraduate and postgraduate students of Pharmacy, Biomedical Science, Nursing and Physiotherapy. 2. Course Coordination: Coordinating pharmacology-related courses, ensuring alignment with educational objectives and regulatory requirements.

	<ol style="list-style-type: none"> 3. Batch Coordination: Provide academic and administrative support as the batch coordinator for the B. Pharmacy program. 4. Postgraduate Coordination: Act as the Faculty of Pharmacy Post Graduate Coordinator, contributing to the academic and administrative support for M. Pharmacy, MSc (Pharmacy) and PhD (Pharmacy) programs. Additionally, representing as a member of the AIMST University Board of Post Graduate Studies. 5. Assessment Design: Develop itemised questions using Bloom's taxonomy for continuous assessments and evaluations. 6. Student Supervision: Supervise pharmaceutical research projects and industrial training programs. 7. Research and Publication: Design and manage pre-clinical research studies, write and publish research articles, and participate in conferences and workshops. 8. Curriculum Development: Draft and update pharmacology course curricula in accordance with outcome-based education principles. 9. Regulatory Compliance: Document and present necessary files for the accreditation of pharmacy programs.
Contact Details	AIMST University, Faculty of Pharmacy, 08100, Bedong, Kedah, Malaysia. e-mail: shaikh.sohrab@aimst.edu.my/ shaikh.sohrab@gmail.com