

Faculty Portfolio

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Education:

Year of Graduation	Qualifications (Specializations if any)	University/College, Country
2015	PhD	Integral University, India
2009	Master of Pharmacy (Pharmacognosy & Phytochemistry)	Integral University, India
2007	Bachelor of Pharmacy Pharmaceutical Sciences	UP Technical University, India
2004	Diploma of Unani Pharmacy (Greek-Arab System of medicine)	Jamia Hamdard, New Delhi, India

Professional experience:

Year	Positions	University/College, Country
September 2016-present	Assistant Professor Pharmacognosy Department	College of Pharmacy, King Khalid University, Abha, KSA.
September 2015- August 2016	Assistant Professor, Pharmacognosy Department	HRIT, Ghaziabad, India.
October 2012 to December 2014	Senior Research Fellow	Integral University, India

Community service activities- (Delete the excessive column/this section if necessary)

Year	Positions & Name of the Project	University/Company, Country
2018	Poster presentation-13th Annual Research Day of Health Colleges, King Khalid University, Abha.	King Khalid University, Abha, Saudi Arabia.

2017	Poster presentation-12th Annual Research Day of Health Colleges, King Khalid University, Abha.	King Khalid University, Abha, Saudi Arabia.
2016	Participation in National Seminar on Role of Pharmaceutical education in public Health.	Chandra Shekhar Singh, College of Pharmacy, Allahabad, UP. India.
2015	Poster presentation in National Conference on Novel Tools and Treatment Approaches in Health Care System. Entitled as “Natural and Herbal Stress Remedies”.	Integral University, India.
2013	Participation in 65 th IPC Indian Pharmaceutical Congress on the theme ‘Empowering the Pharmacist’.	Amity University, Noida, India.

Academic/research awards: (Delete the excessive column/ this section if necessary)

Year/Duration of Award	Name of the Award	University/Company, Country
2023	Best Faculty Award	College of Pharmacy, King Khalid University, Abha, Saudi Arabia.
2023	Best Quality Practitioner	College of Pharmacy, King Khalid University, Abha, Saudi Arabia.
2022	Third Prize in Research Day 2022	College of Pharmacy, King Khalid University, Abha, Saudi Arabia.
2021	Best Faculty Award	College of Pharmacy, King Khalid University, Abha, Saudi Arabia.
2020	Best Poster in Research Day	College of Pharmacy, King Khalid University, Abha, Saudi Arabia.
2019	First prize on Research Day	College of Pharmacy, King Khalid University, Abha, Saudi Arabia.
2010-2014	UGC Fellowship to pursue Ph.D.	University Grants Commission (UGC), India.
2009	Gold medal in Master of Pharmacy	Integral University, India.

Workshops/Training: (Delete the excessive column/ this section if necessary)

Year	Title	University/Company, Country
2023	Empowering Teaching by Development of E-Content	Rama University, India
2023	Enhancing Productivity in Hybrid mode: The beginning of New Era	Dr. D. Y. Patil B school and Center of Education growth and research, India
2022	How to write a helpful peer review report	Elsevier- Amsterdam, Netherlands
2021	8 th Annual GCC Pharmacy Congress	Dubai Health Authority, Dubai.
2020	Designing effective online tests, pools and random blocks using best practices on Blackboard	King Khalid University, Abha, Saudi Arabia.
2020	Faculty Development Day	King Khalid University, Abha, Saudi Arabia
2020	5 days Virtual International Faculty Development Program	Sharda University, India
2020	E-Learning Practitioner Course	King Khalid University, Abha, Saudi Arabia.
2019	Impact of Research and Development Initiatives	King Khalid University, Abha, Saudi Arabia.
2018	Active learning methods used in Pharmacy Education	King Khalid University, Abha, Saudi Arabia.
2007	Industrial Training in Tablet, Capsule and Quality Control division	Uttar Pradesh Drug and Pharmaceutical Limited (U.P.D.P.L.) Lucknow, India.
2004	Training in dispensing of medicine	All India Institute of Medical Sciences (AIIMS), New Delhi, India.

Research interests:

- Extraction, phytochemical screening and quantitative analysis of bio-active compounds from herbal drugs.
- Quality control and standardization of medicinal plants.
- Isolation and characterization of medicinal plants.
- Evaluating herbal drugs for various biological activities, especially immunomodulatory activity, hepatoprotective, anthelmintic activity, antimicrobial and antioxidant assay.
- Herbal nano-formulation.

Teaching experience:

- Teaching Pharmacognosy and Phytochemistry theory and practical courses at King Khalid University from 2016 to the present.
Course coordinator:
PHG 313 (Phytochemistry -1) (Pharm. D. and B. Pharm)
PHG 414 (Phytochemistry-2) (B. Pharm)
PHG 516 (Isolation and identification of natural products) (B. Pharm)
PHG 416 (Clinical Nutraceuticals)
PHG 518 (Herbal Medicine)
PHG 310 (Basic of Natural Products)
Other courses:
PHG- 517: Alternative Medicine
PHTR-548 Mentoring Research project (B. Pharm)
Practical courses- PHG 211 (Pharmacognosy-1), PHG 313 (Phytochemistry-1), PHG 414 (Phytochemistry-2), PHG 516 (Isolation and identification of natural products) (Pharm. D. and B. Pharm) and PHG 310 (Basic of Natural Products)
- Teaching Pharmacognosy, Phytochemistry, Natural product chemistry, Modern analytical techniques and General pharmacy courses (Theory and practical) at HRIT, Ghaziabad, India. (B. Pharm and M. Pharm)

Professional membership: (limit to 5)

Year	Name of the professional Body	Role
2007- Present	Registered Pharmacist in U.P Pharmacy Council No-59602	Member

Research grants: (limit to recent 3-5 grants)

Year/Duration of Grant	Title of the Project	Awarding Body
2023-24	Phytochemical and Pharmacological efficacy of Complementary and Alternative medicinal plants of Saudi Arabia	King Khalid University
2022-2023	Scope of Complementary and Alternative Medicine as a component of medical tourism in Saudi Arabia	King Khalid University
2021-2022	Phytochemical and pharmacological investigation of Saudi medicinal plants in the Asir region	King Khalid University

Publications: (Include recent 5-10 publications)

- Wahab S, Ghazwani M, Hani U, Hakami AR, Almehizia AA, Ahmad W, Ahmad MZ, Alam P, Annadurai S. Nanomaterials-Based Novel Immune Strategies in Clinical Translation for Cancer Therapy. *Molecules*. 2023 Jan 26;28(3):1216.

- Yang S, **Wahab S**, Almoayad MA, Chen Y, Kalam N, Khalid M. Discovery of promising B lymphocyte kinase inhibitors using structure-guided virtual screening. *Journal of Biomolecular Structure and Dynamics*. 2023 Sep 5:1-1.
- **Wahab S**, Alsayari A. Potential Pharmacological Applications of Nigella Seeds with a Focus on Nigella sativa and Its Constituents against Chronic Inflammatory Diseases: Progress and Future Opportunities. *Plants*. 2023 Nov 11;12(22):3829.
- Amir M, Ansari MA, **Wahab S**, Ahmad W, Alhumaidi MS, Alomary MN, Alyahya SA, Jamal QM, Khan FA, Alam P. In vitro, molecular docking and in silico/ADMET study of cuminaldehyde against Candida, MDR bacteria and human colorectal and cervical carcinoma. *South African Journal of Botany*. 2023 Dec 1;163:497-510.
- **Wahab S**, Khalid M, Alqarni MH, Elagib MF, Bahamdan GK, Foudah AI, Aljarba TM, Mohamed MS, Mohamed NS, Arif M. Antihyperglycemic Potential of Spondias mangifera Fruits via Inhibition of 11 β -HSD Type 1 Enzyme: In Silico and In Vivo Approach. *Journal of Clinical Medicine*. 2023 Mar 9;12(6):2152.
- **Wahab S**, Khalid M, Ahmad S, Sweilam SH. Rilpivirine and Dolutegravir Simultaneously Measured via RP-HPLC-PDA with Box-Behnken Design Application: A Study of Forced Degradation under Various Conditions. *Separations*. 2023 Mar 8;10(3):185.
- Abullais SS, Arora S, **Wahab S**, Grover V, Alshahrani MY, Shamsudeen SM, Mohammed Asif S, Faragalla AI, Elagib MF. Convalescent Plasma Therapy against COVID-19: An Update on the Changing Facets of the ongoing Pandemic. *Current Pharmaceutical Biotechnology*. 2023 Oct 1;24(12):1515-23.
- Almaghasla D, Alsayari A, **Wahab S**, Motaal AA. Knowledge, attitudes and practices with regard to prophetic medicine during the COVID-19 pandemic in Saudi Arabia. *Eur. Rev. Med. Pharmacol. Sci*. 2023 Jan 1;27:352-8.
- Khan MS, Gowda BJ, Nasir N, **Wahab S**, Pichika MR, Sahebkar A, Kesharwani P. Advancements in dextran-based nanocarriers for treatment and imaging of breast cancer. *International journal of pharmaceutics*. 2023 Jul 27:123276.
- Ansari MA, Shoaib S, Alomary MN, Ather H, Ansari SM, Hani U, Jamous YF, Alyahya SA, Alharbi JN, Imran MA, **Wahab S**. Deciphering the emerging role of phytochemicals: Implications in the management of drug-resistant tuberculosis and ATDs-induced hepatic damage. *Journal of Infection and Public Health*. 2023 Jul 26.
- Chandra J, Hasan N, Nasir N, **Wahab S**, Thanikachalam PV, Sahebkar A, Ahmad FJ, Kesharwani P. Nanotechnology-empowered strategies in treatment of skin cancer. *Environmental Research*. 2023 Oct 15;235:116649.
- Gowda BJ, Ahmed MG, Alshehri SA, **Wahab S**, Vora LK, Thakur RR, Kesharwani P. The cubosome-based nanoplateforms in cancer therapy: Seeking new paradigms for cancer theranostics. *Environmental Research*. 2023 Aug 14:116894.
- Shoaib A, Javed S, **Wahab S**, Azmi L, Tabish M, Sultan MH, Abdelsalam K, Alqahtani SS, Ahmad MF. Cellular, Molecular, Pharmacological, and Nano-Formulation Aspects of Thymoquinone—A Potent Natural Antiviral Agent. *Molecules*. 2023 Jul 16;28(14):5435.

- Bapat RA, Bedia SV, Bedia AS, Yang HJ, Dharmadhikari S, Abdulla AM, Chaubal TV, Bapat PR, Abullais SS, **Wahab S**, Kesharwani P. Current appraises of therapeutic applications of nanocurcumin: A novel drug delivery approach for biomaterials in dentistry. Environmental Research. 2023 Sep 16:116971.

Conference attendance/presentations: (Include recent 3 presentations)

- Participated in the International webinar conducted by Rai University India, in collaboration with Saga Laboratories held on 19th June 2020 on the topic Current Scenario, scope and Challenges in Pharmaceutical Industry.
- Participated in the International webinar organized by Integral University India, held on 28 May 2020, on the topic Socio Psychological Impact of Covid-19 in Academics and its Management.
- Presented a poster Curative effects of *Averrhoa carambola* on cellular and humoral response to sheep erythrocytes in cyclophosphamide-induced immunocompromised mice model. at the 12th Annual Research day organized by King Khalid University, Abha in March 2017.
- Presented a poster A Comparative evaluation of caffeine, tannin and flavonoid contents in different varieties of Green and Black tea marketed in Saudi Arabia. at the 13th Annual Research day held in April 2018.
- Abstract entitled ‘Inorganic content of Plants –A miracle of life’ published in the proceedings of National Seminar on Role of Pharmaceutical education in public Health organized by Chandra Shekhar Singh College of Pharmacy, Allahabad UP. India, in March 2016.
- Abstract entitled ‘Pharmaceutical Education: Need of Environmental Protection’ published in the proceedings of National Seminar on Role of Pharmaceutical education in public Health organized by Chandra Shekhar Singh College of Pharmacy, Allahabad UP. India, on 5th March 2016.
- Presented a poster Pharmacognostical Standardization of the Leaves of *Averrhoa carambola* L. at 4th NIPER-CDRI symposium on “Medicinal Chemistry and Pharmaceutical Sciences” on 23-25th February 2012.