

# CURRICULUM VITAE

## **Dr. Zulfiqar Ali Bhat**

Department of Pharmaceutical Sciences

University of Kashmir

Hazratbal, Srinagar, India -190006

Tel: +919419077701

Email: [zabhat2000@gmail.com](mailto:zabhat2000@gmail.com), [zabhat@kashmiruniversity.ac.in](mailto:zabhat@kashmiruniversity.ac.in), [zabhat2000@yahoo.com](mailto:zabhat2000@yahoo.com)

## **AREAS OF INTEREST**

- Pharmacognostical studies, standardization and evaluation of traditional medicines
- Isolation and characterization of constituents from plants

## **SUMMARY OF QUALIFICATIONS**

- PhD (Pharmacognosy and Phytochemistry), Hamdard University, New Delhi
- M. Pharm (Pharmacognosy and Phytochemistry), University of Sagar, M.P.
- B. Pharm University of Sagar, M.P.

## **PRESENT OFFICIAL POSITION**

- Head, Department of Pharmaceutical Sciences, University of Kashmir, 13<sup>th</sup> June, 2016 -2019.
- Professor, Department of Pharmaceutical Sciences, University of Kashmir, 11<sup>th</sup> July, 2013 till date.

## **PRESENT ACADEMIC &ADMINISTRATIVE ASSIGNMENTS**

- Coordinator, UGC-SAP (Phase DRS II), Department of Pharmaceutical Sciences, University of Kashmir.
- Coordinator, DST FIST Programme, Department of Pharmaceutical Sciences, University of Kashmir.
- Member, Kashmir University Research Council.
- Member, Board of PG Studies in Unani Medicine, University Of Kashmir.
- Member, Drug Purchase Committee Health Centre, University of Kashmir.
- Departmental Research Committee (DRC), Department of Pharmaceutical Sciences, University of Kashmir.

## **OTHER MEMBER POSITIONS**

- Member, Inspection Committee of DCDC for grant of affiliation to various Professional/ Technical courses conducted by affiliated colleges of Kashmir University.

# CURRICULUM VITAE

- Member, Board of Post Graduate Studies (PGBOS), Department of Pharmaceutical Sciences, University of Kashmir.
- Member, Board of Under Graduate Studies (UGBOS), Department of Pharmaceutical Sciences, University of Kashmir.
- Chairman, Departmental Committee (DC), Department of Pharmaceutical Sciences, University of Kashmir.
- Chairman, Departmental Purchase Committee (DPC), Department of Pharmaceutical Sciences, University of Kashmir.

## ADMINISTRATIVE POSITIONS HELD

- Member, Departmental Research Committee.
- Member, University Transport Committee.
- Coordinator, UGC sponsored Innovative Programme for Master of Pharmacy.
- Nodal officer, Departmental Internal Quality Assurance Unit, Deptt. Of Pharmaceutical Sciences, University of Kashmir till 2013.
- Deputy Coordinator, UGC sponsored SAP programme at the level of DRS-I.

## RESEARCH PROJECTS COMPLETED

- UGC sponsored Major research project titled "Bioactivity Guided Studies on Anti-Anxiety Plant Drugs of Kashmir origin".
- UGC assisted SAP Programme "Investigations on grape seeds of Kashmir region for various biological activities, standardization and formulation development".
- NEW GEN-IEDC: DST-NSTEDB sponsored research project of Formulation, Development and characterization of novel herbal toothpaste from medicinal plant extracts of Kashmir Himalayan region.
- NEW GEN-IEDC DST-NSTEDB sponsored research project of Development of Antifungal Herbal formulation from locally available medicinal plant

## RESEARCH GUIDANCE

- **PhD : 06(Awarded); 04 (On-going)**

Name of the Scholar	Fellowship	Title of the Thesis	Status
Dinesh Kumar	UGC Project Fellow	Pharmacological standardization, Phytochemical investigations and Anti-Anxiety Studies on some medicinal plants of Kashmir Valley.	Awarded
Vijender Kumar	CSIR SRF	Quality Standards and new plant drug search for anxiety from traditional experience of Kashmiri herbal medicine.	Awarded
JavedNewshehri	BSR UGC	Standardization and Phytochemical Investigations on the Seeds of various Grape varieties grown in Kashmir Valley	Awarded

# CURRICULUM VITAE

		and evaluation of their anti-ulcer and anti-oxidant potential.	
Weekar Younus Raja	BSR UGC	Phytochemical screening, Biological Evaluation and development of quality standards of <i>Ailanthus altissima</i> and <i>Viburnum cotinifolium</i>	Awarded
Prince Ahad Mir	Kashmir University Fellowship	Pharmacognostical Standardization, Phytochemical analysis and Biological Evaluation of some medicinal plants of Kashmir Valley used in the Treatment of Rheumatoid Arthritis	Awarded
Riehana Gani	Kashmir University Fellowship	Phytochemical , Anxiolytic and Standardization Studies On <i>Bunium persicum</i> (boiss.) B.Fedtsch. and <i>Salvia moorcroftiana</i> Wall.ex Benth. Of Kashmir Himalaya	Awarded
Roohi Mohi-ud-din	Kashmir University Fellowship	Bioactivity Guided Isolation and characterization of Anti hepatotoxic markers from <i>Berberis pachyacantha</i> Koehne and <i>Astragalus grahamianus</i> Benth	On- going
Saeema Farooq	Kashmir University Fellowship	Title yet to be decided Pre PhD	On- going
Sumaira Amin	Kashmir University Fellowship	Title yet to be decided Pre PhD	On- going
Nazia Banday	Kashmir University Fellowship	Title yet to be decided Pre PhD	On- going

▪ **M Pharm : 17 (Awarded); 05 (On-going)**

Name of the Scholar	Title of the Thesis	Status
Javed Newshehri	Assessment of the Antibiotic Production Potential of Newly Isolated <i>Microtetraspora</i> species via Bioactivity	Awarded
Weekar Younus Raja	Comparative Pharmacognostic, Phytochemical and Biological Evaluation on the Root and Stem bark of <i>Ailanthus altissima</i> .	Awarded
Humaira Yousuf	Pharmacognostic, Phytochemical and Biological Evaluation on the Rhizomes of <i>Iris kashmiriana</i> Baker.	Awarded
Tabassum	Studies on <i>Abiespindrow</i> for anti anxiety activity	Awarded
Mudasir Ahmad Mir	Pharmacognostic evaluation, phytochemical analysis and hepatoprotective activity of <i>Aralia cachemirica</i>	Awarded
Reihana Gani	Pharmacognostic and Chemical Investigation on some Essential oil bearing plants and Evaluation of their Antimicrobial activity.	Awarded

# CURRICULUM VITAE

Sumaira Amin		Awarded
Saima Shafi	Studies On <i>Myricariagermanica</i> (L.) Desv for its Pharmacognostic Profile and evaluation of its Antioxidant and Antidepressant Activity	Awarded
Nisar Ahmad Dar	Pharmacognostic and Biological evaluation of <i>Heraculumcandicans</i> with emphasis on Antidepressant Activity	Awarded
Saeemafarooq	Comparative Pharmacognostic and Biological Studies on some <i>Iris</i> Species and Formulation Development of the most active Fractions.	Awarded
Andleeb Bashir	Studies on the Leaves of <i>Ailanthus altissima</i> and <i>AesculusIndica</i> for Pharmacognostic Profile, Photoprotective activity and Formulation Development	Awarded
Zahid Ahmad Mir	Pharmacognostic Studies on <i>Viscum album</i> and evaluation of its Anti-Inflammatory activity.	Awarded
Ishrat Qadir	Quality Standards, Phytochemical Studies and antibacterial activity of the oils of <i>Prunusarmeniaca</i> and <i>Juglansregia</i> together with their Formulation Development.	Awarded
Nazia Banday	Phytochemical evaluation and Antihelminthic Potential of Aerial parts of <i>Senciolaetus</i> .	Awarded
Hanzal Shafi	Preliminary Phytochemical Screening, Antibacterial & Antihelminthic Potential of <i>Nympheaemexicana</i>	Awarded
Mudasir Ahmad Dar	Studies on the Root, Stem and Leaves of <i>DatiscaCannabina</i> L. for Pharmacognostic Profile, Antioxidant and anxiolytic activity	Awarded
Tariq- Ul - Gani	Evaluation of antioxidant and antibacterial potential of <i>Northolirionthomsonianum</i> along with its preclusive phytochemical screening	Awarded
Juneedulousuf	Study on <i>Nepetacataria</i> l. for Pharmacognostic Profile, Antioxidant and antidepressant activity.	Ongoing
Tanzeela	Title Yet to be decided	Ongoing
Fokiba Bashir	Title Yet to be decided	Ongoing
Insha Mushtaq	Title Yet to be decided	Ongoing
Iflah Hassan	Title Yet to be decided	Ongoing

## RESEARCH PUBLICATIONS

- Ishtiyag Ahmad Chashoo, H N Verma, **Zulfiqar Ali Bhat** and Weekar Younus Raja Pharmacognostic Characterization and Development of Standardization Parameters for the Quality Control of *Berberis Pachyacantha* Bien. ex koehne. International Journal of Pharmacy and Biological Sciences-IJPBS TM (2020) 10 (2): 317-325
- Roohi Mohi-ud-din, Reyaz Hassan Mir, Gifty Sawhey, Mohd. Akbar Dar, Mubashir Hussain Masoodi and \***Zulfiqar Ali Bhat**, Possible Pathways of Hepatotoxicity caused by chemical agents, Current Drug Metabolism. 2019; 20: 867-879, (Thomson

# CURRICULUM VITAE

- Reuters)-ESCI) indexed, Bentham Science, ISSN: 2210-3163(ONLINE) ISSN: 2210-3155 Peer-reviewed international journal, **Impact factor: 2.96**
- Roohi Mohi-ud-din, Prince Ahad Mir, \***Zulfiqar Ali Bhat**, Pharmacognostic Standardization and Phytochemical Characteristics of the roots of *Astragalus grahamianus royle ex. Benth*, Research Journal of Pharmacy and Technology. Sept. 2020; 13(9): ISSN 0974-3618 (Print);0974-360X (Online)
  - Roohi Mohi-ud-din, Reyaz Hassan Mir, Prince Ahad Mir, Saeema Farooq, Syed Naiem Raza, Weekar Younis Raja, Mohd. Akbar Dar, Mubashir Hussain Masoodi, Inder Pal Singh, **Zulfiqar Ali Bhat**, Ethnomedicinal uses, Phytochemistry and Pharmacological aspects of Genus *Berberis* Linn: A comprehensive review, Combinatorial Chemistry & High Throughput Screening, (Thomson Reuters)-ESCI indexed, Bentham Science, Peer-reviewed international journal, **Impact factor: 1.19**; (Accepted).
  - Roohi Mohi-ud-din, Saeema Farooq, Asmat Majeed, Nisar Ahmad Khan, \***Zulfiqar Ali Bhat**, Legal Framework on Protection of Traditional Knowledge: A Review, International Journal of Advanced Research in Science and Engineering, 2019; 8(1):100-08; **ISSN: 2319-8354**, international refereed, indexed journal.
  - Andleeb Bashir, Roohi Mohi-ud-din, Saeema Farooq, \***Zulfiqar Ali Bhat**. Pharmacognostic Standardization and Phytochemical Evaluation of *Ailanthus altissima* (Mill.) Swingle leaves. Journal of Drug Delivery and Therapeutics. 2019 Apr 15;9(2-s):179-83.
  - Saeema Farooq, **Roohi Mohi-ud-din**, \*Zulfiqar Ali Bhat, Preliminary phytochemical screening of *Iris kashmiriana* Baker collected from Budgam, Kashmir, India Journal of Drug Delivery & Therapeutics. 2019; 9(1-s):121-124; UGC approved, double-blind peer-reviewed journal.
  - Saeema Farooq, Asmat Majeed, Roohi Mohi-ud-din, \***Zulfiqar Ali Bhat**, Treatment of various health ailments with herbal medicines: A review, International Journal of Scientific Research and Reviews, 2019; 6(3), 205-218. UGC approved indexed journal Impact factor: 1.536.
  - Gani R, **Bhat ZA**. Anxiety Disorders and Herbal Medicines. International Journal Of Pharmaceutical Sciences And Research. 2018 Mar 1;9(3):844-53.
  - **Bhat ZA**. Preliminary phytochemical screening of *Iris kashmiriana* Baker collected from Budgam, Kashmir, India. Journal of Drug Delivery and Therapeutics. 2019 Feb 15;9(1-s):121-4.
  - Gani R, **Bhat ZA**, Dar MA, Shah Z. Pharmacognostic and Phytochemical Characteristics of the Aerial Part of *Salvia moorcroftiana* Wall. ex Benth. Growing Wild in Kashmir Valley, India. Pharmaceutical Methods. 2019 Jan 1; 10(1).
  - Riehana Gani and **ZA Bhat**, Anxiety Disorders and Herbal Medicines. 2018, International Journal of Pharmaceutical Sciences and Research, 9(3), 844-853.

## CURRICULUM VITAE

- Weekar Younus Raja, **Zulfiqar Ali Bhat**, Ishtiyaq Ahmad Chashoo. Pharmacognostic and Phytochemical Characteristics of *Ailanthus altissima* (Mill.) Swingle Stem and Root Bark: A Comparative Study. 2017, Pharmacognosy Journal, 9(5), 668-673.
- Sumaira Amin and **Z A Bhat**. Evaluation of Anti-anxiety and Antioxidant Activity of Aerial Parts And Root Of *Eremurus Himalaicus* Baker. 2017, International Journal of Research in Pharmacy and Chemistry, 7(3), 264-272.
- **Javid Ashraf Newshehri, Zulfiqar Ali Bhat**, Mohammad Yaseen Shah. Blessings in disguise: Bio-functional benefits of grape seed extracts. 2015, Food Research International, 77, 333–348.
- **Zulfiqar A Bhat**, Mohammed Ali, Shahid H Ansari and Kamran J Naquvi. New phytoconstituents from the roots of *Aralia cachemirica* Decne. 2015, Journal of Saudi Chemical society. 19 (3) 287-291.
- **Zulfiqar Ali Bhat** and Dinesh Kumar. Apigenin 7-glucoside from *Stachystibetica* Vatke and its anxiolytic effect in rats. 2014, Phytomedicine, 21 (7), 1010-1014
- **Ghosh N**, Ghosh R, **Bhat ZA**, Mandal V, Bachar SC, Nima ND, Sunday OO, Mandal SC. Advances in herbal medicine for treatment of ischemic brain injury, 2014, Natural Product Communications. 9(7), 1045-55.
- Dinesh Kumar, **Zulfiqar Ali Bhat**, Vijender Kumar, M.Y. Shah. Coumarins from *Angelica archangelica* Linn. and their effects on anxiety-like behavior. 2013, Progress in Neuro-Psychopharmacology & Biological Psychiatry, (40), 180-186.
- Vijender Kumar, **Zulfiqar Ali Bhat**, Dinesh Kumar. Animal models of anxiety: A comprehensive review. 2013, Journal of Pharmacological and Toxicological Methods (68) 175–183.
- **D Kumar, ZA Bhat**, V Kumar, MY Shah, Coumarins from *Angelica archangelica* Linn. and their effects on anxiety-like behavior. 2013, Progress in Neuro-Psychopharmacology and Biological Psychiatry, (40)180-186.
- Vijender Kumar , **Zulfiqar Ali Bhat** , Dinesh Kumar, NA Khan, IA Chashoo, Evaluation of anti-inflammatory potential of leaf extracts of *Skimmia anquetilia*, 2012, Asian Pacific Journal of Tropical Biomedicine, 2(8), 627-630.
- Dinesh Kumar, **Zulfiqar Ali Bhat**, Vijender Kumar, N.A. Khan, I.A. Chashoo, M.I. Zargar, M.Y. Shah, Effects of *Stachystibetica* essential oil in anxiety, 2012, European Journal of Integrative Medicine, 4(2), e169-e176.
- Ghulam Mustafa Khan, S.H Ansari, **Z.A.Bhat**, Ferozahmad. Study of Aging and Hepatoprotective Activity of *Vitis vinifera* L. Seeds in Albino Rats. 2012, Asian Pacific Journal of Tropical Biomedicine. S1770-S1774.

## CURRICULUM VITAE

- **Dinesh Kumar and Zulfiqar Ali Bhat.** Anti-anxiety Activity of Methanolic Extracts of Different Parts of *Angelica archangelica* Linn.2012, Journal of Traditional and Complementary Medicine. 2 (3), 235-241.
- Dinesh Kumar, Zulfiqar Ali Bhat, M.Y Shah. Effect of successive extracts of *Stachystibetica* Vatke (Lamiaceae) in anxiety. 2012, Oriental Pharmacy and Experimental Medicine. (12) 247–253.
- **Dinesh Kumar, Zulfiqar Ali Bhat.** Anti-anxiety activity of methanolic extracts of different parts of *Angelica archangelica* Linn. 2012, Journal of traditional complimentary medicines. 2(3) 235-241.
- **Zulfiqar A Bhat**, Mohammed Ali, Shahid H Ansari and Kamran J Naquvi. Phytochemical Investigations of aerial parts of *Swertiatetragona* Edgew. 2012, Indian Drugs. 49 (05) 35-38.
- **Vijender Kumar, Z. A. Bhat**, Dinesh Kumar, N. A. Khan, I. A. Chashoo, Irfat Ara, Gastroprotective effect of leaf extracts of *Basella alba* var. *alba* against experimental gastric ulcers in rats, 2012, Revista Brasileira de Farmacognosia, 22 (3), 657-662.
- Dinesh Kumar, Vikrant Arya, **Zulfiqar Ali Bhat**, Nisar Ahmad Khan, DeoNandan Prasad, The genus *Crataegus*: chemical and pharmacological perspectives, 2012, Revista Brasileira de Farmacognosia, 22(5), 1187-1200.
- Dinesh Kumar, **Zulfiqar Ali Bhat**, Vijender Kumar, M. Y. Shah, N. A. Khan, I. A. Chashoo, Investigation of chemical composition and in vitro anti-inflammatory activity of *Stachystibetica* oil by GC-MS and HRBC membrane stabilization, 2012, Chemistry of Natural Compounds, 48(5), 893-895.
- Kumar Dinesh, **Bhat Zulfiqar Ali**, Kumar Vijender, Chashoo Ishtaq Ahmad, Khan Nisar Ahmad, Ara Irfat, Shah Mohammad Yassin, Preliminary pharmacognostical and phytochemical evaluation of *Stachystibetica* Vatke, 2012, TANG [HUMANITAS MEDICINE], 2(1), 11.1-11.7.
- I A chashoo, Dinesh Kumar, **Z A Bhat**, NA Khan, Vijender Kumar, Javid A. Nowshehri, Antimicrobial studies of *Sambucus wightiana* Wall. ex. Wight & Arn., 2012, Journal of Pharmacy Research, 5(5), 2467-2468.
- Dinesh Kumar, **Zulfiqar Ali Bhat\***, Vijender Kumar, W Y Raja, M.Y. Shah. Anti-anxiety activity of *stachystibetica* Vatke. 2012, Chinese Journal of natural Medicine. 11(3), 240-244.
- **Zulfiqar Ali Bhat.** Traditional medicines in drug discovery. 2012, Journal of Pharmacy research. 5(5), 2457-2459.
- Dinesh Kumar, **Zulfiqar Ali Bhat.** Anxiolytic activity of aqueous extract of *Angelica archangelica* Linn. 2012, Inventies Ethnopharmacology, 2.

## CURRICULUM VITAE

- Vijender Kumar, **Zulfiqar Ali Bhat**, Dinesh Kumar, N A Khan, I A Chashoo, M Y Shah, Evaluation of anti-inflammatory potential of petal extracts of *Crocus sativus* 'cashmerianus', 2012, International Journal of Phytopharmacology. 3(1), 27-31.
- Dinesh Kumar, Vikrant Arya, Ranjeet Kaur, **Zulfiqar Ali Bhat**, Vivek Kumar Gupta, Vijender Kumar. A review for immunomodulators in the Indian traditional health care system. 2012, Journal of Microbiology, Immunology and Infection. 45, 165-184.
- Vijender Kumar, **Z A Bhat**, Dinesh Kumar, N A Khan, I A Chashoo, MY Shah, Pharmacological profile of *Crocus sativus* – a comprehensive review, 2011, Pharmacologyonline, Vol 3, 799-811.
- Dinesh Kumar\*, **Z. A. Bhat**, Vijender Kumar, M. I. Zargar. A Short Review on *Artemisia maritima* Linn. 2011, International Journal of Research in Phytochemistry & Pharmacology. 1(4), 201-206.
- Dinesh kumar, Satish C. Mudgade, **Zulfiqar Ali Bhat**, Santosh S. Bhujbal, R. Rub. Anti allergic and anti-inflammatory effects of the fruits of *Randiadumetorum* lamk. 2011, Oriental Pharmacy and Experimental Medicine. 11, 161–167.
- Dinesh Kumar, **Zulfiqar Ali Bhat\***, Vijender Pareek, M. Y. Shah. Nature: Anxiolytics in the lap of nature. 2011, WebmedCentral Pharmaceutical Sciences. 2(9), 1-23.
- Dinesh Kumar, R.S. Deoda, S.S. Bhujbal, P. Singh, **Z. A. Bhat**. Antihistaminic activity of aqueous extract of stem bark of *Ailanthus excelsa* Roxb. 2011, Pharmacognosy research. 3(3):220-224.
- Dinesh Kumar, **Z. A. Bhat**. P. Singh, V. Khatanglakar, S.S. Bhujbal. Antiasthmatic and antiallergic potential of methanolic extract of leaves of *Ailanthus excelsa* Roxb. 2011, *Revista Brasileira de Farmacognosia*, 21(1), 139-145.
- **Z. A. Bhat**, Dinesh Kumar, M.Y. Shah. *Angelica archangelica* Linn. is Angel on earth for the treatment of diseases: A review. 2011, International Journal of Nutrition, Pharmacology, Neurological Diseases. 1(1), 35-49.
- Dinesh Kumar, Pravin V. Buge, **Zulfiqar Ali Bhat**, Jeevan S. Dhumal, Yogesh S. katare, Santosh S. Bhujbal. Macroscopical and microscopical evaluation of Leaves of *Clerodendrum inermis* Gaertn. 2011, International Journal of Biological and Medical Research. 2(1), 404-408.
- Nikhil Sharma, Geeta Agarwal, A. C. Rana, **Zulfiqar Ali Bhat**, Dinesh Kumar\*. Transdermal drug delivery system: A tool of Drug delivery. 2011, International Journal of Drug Development and Research. 3(3), 70-84.
- Dinesh Kumar, **Zulfiqar Ali Bhat**, Vijender Kumar, I. A. Chashoo, N. A. Khan, M. Y. Shah, Pharmacognostical and phytochemical evaluation of *Angelica*

## CURRICULUM VITAE

- Archangelica Linn., 2011, International Journal of Drug Development and Research, 3(3), 173-188.
- Kumar Vijender, **ZA Bhat**, Kumar Dinesh, MY Shah, IA Chashoo, NA Khan, Physicochemical and preliminary phytochemical studies on petals of *Crocus sativus* 'Cashmerianus', 2011, Pharmacognosy Journal, 3(23), 46-49.
  - Vijender Kumar, **Z A Bhat**, Dinesh Kumar, Puja Bohra, S Sheela. In-vitro anti-inflammatory activity of leaf extracts of *Basella alba* Linn. Var. Alba., 2011, International Journal of Drug Development and Research, 3(2): 176-179.
  - Nisar Ahmad Khan, Dinesh Kumar, **Zulfiqar Ali Bhat**, Vijendar Kumar, Navneet Nagpal, and Santosh S. Bhujpal, In vitro H<sub>2</sub> receptor antagonist activity of methanolic extract of tuber *Stapheniaglobosum*, 2010, Bangladesh Journal of Pharmacological Society, 5, 89-91.
  - Dinesh Kumar\*, **Zulfiqar Ali Bhat**, Popinder Singh, Santosh S. Bhujbal, Satish C. Mudgade, Ramesh S. Deoda, Antiallergic and anti-inflammatory Properties of methanolic extract of stem bark of *Ailanthus excelsa* Roxb. 2010, Latin American journal of Pharmacy. 29 (8), 1289-95.
  - **ZA Bhat**, M Ali, SH Ansari, D Kumar, NA Khan, P Singh, IA Chashoo, Two disaccharides namely Glucopyranosyl-O-(1→2) fructofuranoside (sucrose) and Glucopyranosyl-O-(1→4) glucopyranoside (Maltose) from *Aralia cachemirica* Decne, 2010, International journal of Biological and Medical Research, 1(4), 295-297.
  - Dinesh Kumar, **Z.A. Bhat**, P. Singh, S. C. Mudgade, V. D. Bulani, S.S. Bhujbal. Anti-allergic and anticataleptic activity of aqueous extract of leaves of *Ailanthus excelsa* Roxb. 2010, International Journal of Pharma Sciences and Research. 1(9), 45-51.
  - Vijender Pareek, Manjit Singh, **Z A Bhat**, Popinder Singh, Dinesh kumar, S. Sheela. Studies on mucilage of *Basella alba* Linn. 2010, Journal of Pharmacy Research, 3(8), 1892-1894.
  - Dinesh Kumar, **Z. A. Bhat**, P. Singh, M. Y. Shah, S. S. Bhujbal. *Ailanthus excelsa* Roxb. is Really A Plant of Heaven. 2010, International Journal of Pharmacology. 6 (5), 535-550.
  - Dinesh Kumar, **Z. A. Bhat**, P. Singh, M.Y. Shah, S. S. Bhujbal. Macro and Microscopical evaluation of Trunk bark of *Ailanthus excelsa* Roxb. 2010, Pharmacognosy Journal. 2(9), 278-284.
  - **ZA Bhat**, SH Ansari, GN Bader, NA Khan, IA Chashoo, G Mustafa Anti-Hyperglycemic activity of alcoholic extract of *Swertia Tetragona* Edgew, 2009, Pharmacologyonline, 2, 912-917.

- Mustafa G, Ansari S.H, Imtiyaz M., **Bhat Z A**. Anti-aging Activities associated with Grape Seeds -A Review.2008, Pharmacognosy Reviews. 2(4), 303-308.
- Mukhtar HM, Ansari SH, **Bhat ZA**, Naved T, Singh P. Antidiabetic activity of ethanol extract obtained from stem bark of *Psidiumguajava* (Myrtaceae). 2006, DiePHARMAZIE61, 725-727.
- Mukhtar HM, Ansari SH, **Bhat ZA**, Naved T. Antihyperglycemic Activity of *Cyamopsistetragonoloba* Beans on Blood Glucose Levels in Alloxan-Induced Diabetic Rats.2006,Pharmaceutical Biology. 44 (1),10-13.
- **ZABhat**, SH Ansari, HM Mukhtar, T Naved, NA Khan, IA Chashoo, Anti-hyperglycemic activity of the alcoholic extract of *Aralia Cachemirica*Decne roots, 2005, Journal of Natural Remedies, 5(2): 160-164.
- **ZA Bhat**, SH Ansari, HM Mukhtar, T Naved, JI Siddiqui, NA Khan, Effect of *Aralia cachemirica*Decne root extracts on blood glucose level in normal and glucose loaded rats, 2005, Die Pharmazie, 60(9), 712-713.
- Mukhtar HM, Ansari SH, Ali M, **Bhat ZA**, Naved T. Effect of aqueous extract of *Pterocarpus marsupium* wood on alloxan-induced diabetic rats. 2005, DiePHARMAZIE60 (6), 478-479.
- Mukhtar HM, Ansari SH, Ali M, Naved T, **Bhat ZA**. Effect of water extract of *Psidiumguajava* leaves on alloxan-induced diabetic rats. 2004, DiePHARMAZIE. 59 (9), 734-735.
- Mukhtar HM, Ansari SH, Naved, T, **Bhat ZA**. Hypoglycemicactivity of *Psidiumguajava* Linn. leaf extract. 2004, Journal of Natural Remedies, 4(2),186-189.
- Mukhtar HM, Ansari SH, Ali M, Naved T, **Bhat ZA**. Anti-hyperglycemic activity of *Psidiumguajava* barks extract. 2004, Journal of Natural Remedies. 4(2),150-154.
- Mukhtar HM, Ansari SH, Ali M, **Bhat ZA**, Naved T. Effect of aqueous extract of *Cyamopsistetragonoloba* Linn. beans on blood glucose levels in normal and alloxan-induced diabetic rats. 2004, Indian Journal of Experimental Biology. 42, 1212-1215.
- Mukhtar HM, Ansari SH, Naved T, **Bhat ZA**. Antifungal activity of *Betula Pendula* Bark. 2004, Indian Journal of Natural Products. 20 (2), 34-35.
- KumudUpadhyay, VK Dixit, **ZA Bhat**. In-vitro evaluation of Hepatoprotective activity of *Cassia tora* Linn. 2000, Indian Journal of Natural Products.16 (1), 27-29

## Book Chapters

1. Roohi Mohi-ud-din,Reyaz Hassan Mir, Faheem HyderPottoo, GiftySawhney, Mubashir Hussain Masoodi, and\***Zulfiqar Ali Bhat**. Nanophytomedicine Ethical Issues, Regulatory Aspects, and Challenges, S. Beg et al. (eds.), Nanophytomedicine,Concept to Clinic, Springer Nature Singapore Pte Ltd. 2020; Chapter 10; 1. eBook ISBN: 978-981-15-4909-0; ISBN:978-981-15-4908-3, [https://doi.org/10.1007/978-981-15-4909-0\\_10](https://doi.org/10.1007/978-981-15-4909-0_10)

# CURRICULUM VITAE

2. Mustafa G, Ansari SH, **Bhat ZA**, Abdulkareim AS. Antianxiety Activities Associated with Herbal Drugs: A Review. In Plant and Human Health, Volume 3 2019 (pp. 87-100). Springer, Cham.
3. Dinesh Kumar, **Zulfiqar Ali Bhat**, Ramesh Deoda, Satish Mudgade, IshtiaqChasoo and Vijender Kumar. Bronchodilator activity in Traditional medicines: Gift of God Kingdom 2011; Chapter-10, 171-190.'Bronchitis', ISBN 978-953-307-198-5.  
**Book Editor:**Ignacio Martín-loeches, T/F: +385 51 686 166,  
**Email:**[info@intechweb.org](mailto:info@intechweb.org), [www.intechweb.org](http://www.intechweb.org)  
**Publisher:**INTECH open publisher

## PAPER PRESENTATIONS

### International:

- “Anxiolytic potential of volatile oil of *Angelica archangelica* Linn”. International conference on Recent Advances in Pharmaceutical Sciences” at Rayat Institute of Pharmacy Railmajara, SBS Nagar, Punjab. 21- 23 March 2012.
- “Anxiolytic profile of the ethyl acetate fraction of the petals of crocus”. International conference on Recent Advances in Pharmaceutical Sciences” at Rayat Institute of Pharmacy Railmajara, SBS Nagar, Punjab. 21- 23 March 2012.
- “First International Conference on Tropical Medicine Infectious diseases” at Universiti Kuala Lumpur, Royal college of Medicine Perak, Ipoh, Perak DarulRidzuan, Malaysia. 4-7 December 2012.
- “Anxiolytic effects of *Angelica archangelica* Linn. on the elevated plus-maze and light and dark arena model of anxiety in rats” at 3<sup>rd</sup> International conference on “medicinal plants and herbal products” 19-21 December, 2011, Colombo, Srilanka,
- “Antiulcer activity of Leaf extracts of *Basella alba*.” onAntiulcer activity of Leaf extracts of *Basella alba*. at 15<sup>th</sup> Annual Conference & First International Convention of Society of Pharmacognosy on “Global Challenges & Opportunities in Herbal Medicine” 18-20 February, 2011, Belgaum, Karnataka.
- “Anti-hyperglycemic activity of the aqueous and alcoholic extracts of *Swertiatetragona*Edgew” at APTI and RGUHS and Jadhavpur University Kolkata on “Herbal Medicine- Evaluation of Quality, Efficacy and Saftey”, 26-28, February 2009.

### National:

- 11th JK Science Congress 2015 on “Scientific, social and economic dimensions of climate Change”, 12-14 October, 2015, held at University of Kashmir, Hazratbal, Srinagar, J&K.

# CURRICULUM VITAE

- “Anxiolytic Profile of ethyl acetate fractions of *Crocus sativus* petal extracts in rats model” at Baba Farid University of Health Sciences, Faridkot. 7-9 February 2013.
- 9<sup>th</sup> JK Science Congress 2013 on “Innovations and Advances in Technology”, 1-3 October, 2013, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- National Seminar on Recent Advances in Pharmaceutical Education & Research (NSRAPER 2009), 15-16 July, 2009, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- “Flavonoid glycoside from the roots of *stachys tibetica* Vatke and its effect on anxiety” on National Seminar on Drug Innovation: Emerging Trends and Challenges held at by PTU at Rayat – Bahra Institute of Pharmacy, Hoshiarpur. 10-11 February 2012.
- “Advances and Emerging Trends in Pharmaceutical Sciences and Research” at Swift School of Pharmacy, Rajpura, Punjab. 3 March 2012
- “Recent Trends in Herbal Drug Research” at M.M. University, Mullana Ambala, Haryana on 20-21 October 2011.
- “Novel techniques in Pharmaceuticals ”on Novel techniques in Pharmaceuticals at Marthwada Mitra Mandal’s College of Pharmacy, Pune University of Pune. 22-23 January 2011.
- “Standardization of herbal drugs” National seminar on Drug discovery “Techniques and Challenges” at SBS College of Pharmacy, Patti, Punjab 13-15 November, 2009.
- “Hypoglycaemic activity of the aqueous and alcoholic extracts of *Swertia tetragona*” at AICTE Sponsored National seminar on “Latest trends in Herbal medicine, Patti, Punjab. 2006, AICTE and SBS college of Pharmacy Patti, Punjab, 30 June – 2<sup>nd</sup> July 2006.
- “Antihyperglycemic activity of the aqueous extracts of *Swertia tetragona* Edgew” 2<sup>nd</sup> J&k science congress, Kashmir University, Srinagar, 25-27 July 2006.
- “Bronchodilator activity of Fraction of methanolic extract of stem bark of *Ailanthus excelsa* Roxb.” 6<sup>th</sup> J&K Science Congress, Kashmir University, Srinagar, 25-27 July 2006.

## SEMINARS / CONFERENCES / WORKSHOPS

### International:

- International Conference and Alumni Meet on Academia- Industry Interactions: Global Pharma Prospects, 6-7 Feb, 2017, held at Dr. Harisingh Gour Vishwavidyalaya, Sagar, M.P.
- Workshop on “Scientific Writing and Publishing” The American Society for Microbiology 23<sup>rd</sup> July, 2012, held at Kashmir University, Srinagar, J&K.

# CURRICULUM VITAE

- International Symposium On Genomic Instability and Cancer organized jointly by Department of Biotechnology, University of Kashmir and Dept. of Medical oncology SKIMS, Srinagar and OHIO state university, USA, 22- 26 July, 2007 held at Srinagar, J&K.

## National:

- 2<sup>nd</sup> J&K Medical Science Congress 10-13 May, 2017, held at SKICC, Srinagar, J&K.
- 1<sup>st</sup> Annual Conference of Metabolic Syndrome – Prediabetes – Polycystic Ovary Syndrome (MP PCOS) Society, 11-13 May, 2017, held at SKICC, Srinagar, J&K.
- One Day Seminar on Open Access Resources, 18 Dec, 2012, held at University of Kashmir, Hazratbal, Srinagar, J&K.

## ORIENTATION & REFRESHER COURSES / STAFF DEVELOPMENT PROGRAMMES

- UGC Workshop on Research Methodology for Science Scholars / College & University Teachers, 25-31 Aug, 2015, held at UGC-HRD Centre, University of Kashmir, Hazratbal, Srinagar, J&K.
- UGC Research Methodology Refresher Course in Science, 16 Jan - 08 Feb, 2012, held at UGC-Academic Staff College, University of Kashmir, Hazratbal, Srinagar, J&K.
- A UGC Refresher course in ICT (ID) from 1-21 February-2011 held at Academic Staff College, The University of Kashmir, Srinagar, J&K.
- Short term course on Disaster Management from 19-20 October 2011 held at Academic Staff College University of Kashmir, Srinagar, J&K.
- UGC General Orientation Course, 07 Oct – 07 Nov, 2009, held at UGC-Academic Staff College, University of Kashmir, Hazratbal, Srinagar, J&K.
- UGC Refresher course in Environmental Sciences and delivered a lecture on “Tablets, The popular Dosage Form. 26 December, 2007- 15 January 2008, held at Academic Staff College, University of Jammu, J&K.
- AICTE sponsored Staff Development Programme titled, ”Challenges and Techniques involved in Standardization of Pharmacy from 16-29 December 2006, held at Shaheed Bhagat Singh Polytechnic and Pharmacy College, Patti, Amritsar, Punjab.
- Training Programme on “Guiding Principles for Pharmacists- HIV/ AIDS in India” on 3<sup>rd</sup> August 2003 held at Indian Pharmaceutical Association, JamiaHamdard, New Delhi.

# CURRICULUM VITAE

- UGC Refresher course in Academic Staff College from 14<sup>th</sup> June, 2001 to 10<sup>th</sup> July, 2001. held at University of Kashmir, Srinagar.

## **RESOURCE PERSON / INVITED SPEAKER**

- Invited speaker at One day SERB-DST National conference on “Bioactive Pharmaceuticals: Present & Future Scope”, 10 March, 2017, University Institute of Pharmaceutical Sciences & Research, University of Health Sciences, Faridkot, Punjab.
- Resource Person at One day regional seminar on “Importance of Intellectual Property Rights in Pharmaceutical Sciences & Research”, 29 Jan, 2016, held at University Institute of Pharmaceutical Sciences & Research, University of Health Sciences, Faridkot, Punjab.
- Invited Lecture on “An overview on Phytochemical Screening of Plant Extracts”, 19 Feb,2008, held at LalaLajpat Rai College of Pharmacy, Moga.
- Invited Lecture on “Ashwagandha-an Immunomodulator”, 12 Feb,2007, held at Onkar College of Pharmacy,Sajuma, Sangrur, Punjab.
- Invited Lecture on “Spirulina-a Magic Herbal”, 09 Feb,2007, held at LalaLajpat Rai College of Pharmacy, Moga.
- Invited Lecture on “Role of Prebiotic and Probiotic in Human health”, 11 Feb,2007, held at LalaLajpat Rai College of Pharmacy, Moga.
- Invited Lecture on “Herbal industry: Backbone of National economy”, 15 Feb,2009, held at LalaLajpat Rai College of Pharmacy, Moga.
- Invited Lecture on “Future Trends of Herbal Products in European Market”, 04 Jan, 2012, held at LalaLajpat Rai College of Pharmacy, Moga.
- Invited Lecture on “Present and Future of Herbal drug Industry in India”, 10 Jan, 2012, held at Onkar College of Pharmacy, Sajuma, Sangrur, Punjab.
- Invited Talk on “ Exploring& Exploiting the Health benefits of Grape Seed Extract for clinical trials of herbal drugs”, 20-21 Apr 2018 held at Shobhit University, Gangoh, Saharanpur, U.P.

## **AWARDS & HONOURS**

### **International:**

- Best Paper award for “Novel and validated spectrophotometric estimation of Indomethacin in bulk and solid dosage formulation using mixed hydrotropic solubilisation technique” at International Conference on "Novel approaches, Trends & Challenges in Drug Delivery Systems" at Global Experts Meeting on Pharmaceutics & Drug Delivery Systems, 12-13 October, 2017, Osaka, Japan.

### **National:**

# CURRICULUM VITAE

- Awarded second position in poster presentation in AICTE Sponsored National seminar on “Latest trends in Herbal medicine, Patti, Punjab. June 2006.
- Awarded Excellent Grade by Kashmir University DIQA evaluation of teachers by students
- Indian Council of Medical Research (ICMR) Awarded International Travel Grant for presenting a Research paper (oral) at a Conference at Ipoh, Malaysia, December 2012.
- Awarded Illustrious Alumnus Award on 6-7 Feb,2016at Department of Pharmaceutical Sciences,Dr. HarisinghGourVishwavidyalaya, Sagar, M.P.

## MEMBERSHIP / FELLOWSHIP OF LEARNED SOCITIES

- **State coordinator** for the Society of Pharmacognosy (SP)
- Member, American Society of Microbiology (ASM)
- Executive member “Indian Journal of Natural Products”
- Member **American Chemical Society** (ACS)
- Sagar University Alumni Association (SUAA)
- International Association of Physical Chemists (IAPC)
- Association of Pharmacy Teachers of India (APTI)
- Indian Pharmacy Graduates Association (IPGA)
- Kashmir University Teachers Association (KUTA)
- Kashmir University Alumni Association (KUAA)

## OTHER MEMBER / EXPERT/ RAPPORTEUR POSITIONS HELD

- **Rapporteur**, Technical sessions, 2<sup>nd</sup> JK Science Congress, for Medical and Pharmaceutical Science (2006).
- **Rapporteur**, Technical sessions, 6<sup>th</sup> JK Science Congress, for Medical and Pharmaceutical Science (2010).
- **Rapporteur**, Technical sessions, 8<sup>th</sup> JK Science Congress, for Medical and Pharmaceutical Science (2012).
- **Rapporteur**, Technical sessions, 9<sup>th</sup> JK Science Congress, for Medical and Pharmaceutical Science (2013).
- **Chaired Medical and Dental** session, 13<sup>th</sup> JK Science Congress, at University of Kashmir (2018).
- **Chaired Pharmaceutical** session, 13<sup>th</sup> JK Science Congress, at University of Kashmir (2018).

# CURRICULUM VITAE

- Appointed Advisory Member for, 13<sup>th</sup> JK Science Congress University of Kashmir, (2018).
- **Rapporteur**, Technical sessions, 12<sup>th</sup> JK Science Congress, for Pharmaceutical Sciences (2017).
- **Chairperson Technical** session, 2<sup>nd</sup> J&K Medical Science Congress, at Sheri-I Kashmir Institute of Medical Sciences, Srinagar (2017).
- **Chairperson Technical** session, 1<sup>st</sup> Annual Conference of Metabolic Syndrome – Prediabetes – Polycystic Ovary Syndrome (MP PCOS) Society, Sheri-I Kashmir Institute of Medical Sciences, Srinagar (2017).
- Medical Science Congress, at Sheri-I Kashmir Institute of Medical Sciences, Srinagar (2017).
- Appointed Expert by the Hon’ble Vice Chancellor, University of Kashmir, for the conduct of (2015).
- Appointed Member by University of Kashmir to the “Committee for Modalities for Running Competitive Coaching Classes in Kashmir University (Main Campus)” (2015).
- **Rapporteur**, Technical sessions, 11<sup>th</sup> JK Science Congress, for Pharmaceutical Sciences (2015).
- **Rapporteur**, Technical sessions, 10<sup>th</sup> JK Science Congress, for Pharmaceutical Sciences (2014).
- Appointed Member by the Hon’ble Vice Chancellor, University of Kashmir, to the “Committee for Providing Technical Evaluation Report for the Equipment to be purchased under UGC-SAP” (2013).
- Appointed Member by the Hon’ble Vice Chancellor, University of Kashmir, to the “Transport Committee for 18<sup>th</sup> Annual Convocation” (2012).
- Appointed Member by University of Kashmir to the “Finance Committee for 8<sup>th</sup> JK Science Congress” (2012).
- Appointed Rapporteur by University of Kashmir for the “Medical & Nutritional Sciences Session” in 8<sup>th</sup> JK Science Congress (2012).
- Appointed Member by the Hon’ble Vice Chancellor, University of Kashmir, to the “Transport Committee for 18<sup>th</sup> Annual Convocation” (2012).

**Date:** 28<sup>th</sup> Dec 2020

**Place:** Srinagar, J&K

**(Prof. Zulfiqar Ali Bhat)**