

CURRICULUM VITAE

Dr. Nisar Ahmad Khan

Department of Pharmaceutical Sciences

University of Kashmir

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AREAS OF INTEREST

1. Formulation Designing of Oral Controlled Release Drug Delivery Systems
2. Formulation Development of Novel Drug Delivery Systems (Both physical and biochemical mechanism based)
3. Bioavailability Enhancement using Novel Techniques

SUMMARY OF QUALIFICATIONS

- PhD (Pharmaceutics), University of Kashmir
- M. Pharm (Pharmaceutics), RGPV, Bhopal
- B. Pharm (Gold Medalist), University of Kashmir
- B. Sc., University of Kashmir

PRESENT OFFICIAL POSITION

- Associate Professor, Department of Pharmaceutical Sciences, University of Kashmir.

PRESENT ADMINISTRATIVE ASSIGNMENT

- Coordinator, Directorate of Physical Education and Sports, University of Kashmir

OTHER ACADEMIC & ADMINISTRATIVE ASSIGNMENT

- Deputy Coordinator, UGC-SAP (Phase DRS II), Department of Pharmaceutical Sciences, University of Kashmir.
- Coordinator Medley Chair, Department of Pharmaceutical Sciences, University of Kashmir.
- Placement Officer, Department of Pharmaceutical Sciences, University of Kashmir.

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- In-charge Sports, Department of Pharmaceutical Sciences, University of Kashmir.

ADMINISTRATIVE POSITIONS HELD

- Nodal Officer, Maintenance of Laboratories and Sophisticated Equipment, Department of Pharmaceutical Sciences, University of Kashmir (2009-13).
- Assistant Coordinator, Career Counselling & Planning Cell (CCPC), University of Kashmir (2011).

MEMBERSHIP / FELLOWSHIP OF LEARNED SOCIETIES

- International Association of Pharmaceutical Technology (APV e.v.)
- 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 POSITIONS

- Member, Departmental Research Committee (DRC), Department of Pharmaceutical Sciences, University of Kashmir.
- 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.
- Member, Departmental Committee (DC), Department of Pharmaceutical Sciences, University of Kashmir.
- Member, Departmental Purchase Committee (DPC), Department of Pharmaceutical Sciences, University of Kashmir.

RESEARCH PROJECTS COMPLETED

- UGC sponsored project titled "Development of hydrodynamically balanced drug delivery system: in vitro - in vivo evaluation".

FELLOWSHIPS

CURRICULUM VITAE

Name of Fellowship	Funding Agency	Name of Scholar	Duration	Status
UGC-BSR	UGC	Syed Naiem Raza	5 years	Completed
INSPIRE	DST	Khalid Bashir Mir	5 years	Completed
MANF	UGC	Abdul Aala Fazili	5 Years	Ongoing
MANF	UGC	Shabnum Kawoosa	5 years	Ongoing
ICMR- SRF	ICMR	Hashim Sofi	3 Years	Ongoing

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.
- IARDO award for best research paper 2018“ HPMC-eudragit based system suitable for sparingly soluble and freely soluble drugs- an in vitro study” organized by International Association of Research and Developed Organization at International Centre Goa 28th Oct. 2018.

National:

- Best Paper award for “Modified release drug products: the newfangled forms of drug delivery” at National inter-disciplinary conference on "Science for Sustainable Development, 25-26 Feb, 2017, held at S. P. College, Srinagar, J&K.
- Certificate of Appreciation with “Grade Excellent for Teaching” awarded by the University of Kashmir, Srinagar, for the academic session of year 2006.

RESEARCH GUIDANCE

PhD'S Awarded

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Name of the Scholar	Fellowship	Title of the Thesis
1. Syed Naiem Raza	UGC-BSR	Formulation Designing, Characterization and Evaluation of Gastro Retentive Drug Delivery System
2. Khalid Bashir Mir	DST-INSPIRE	Formulation Designing, Characterization and Evaluation of Solid Dispersions for Dissolution Rate and Bioavailability Enhancement
3. Taha Umair Wani	KU PhD Fellowship	Studies on Floating Sustained Release Dosage Forms for Bioavailability Enhancement of an Antihypertensive Agent

PhD'S Ongoing

Name of the Scholar	Fellowship	Title of the Thesis
1. Abdul Aala Fazli	UGC-MANF	Evaluation of Carbopol 971P for the Development of Extended Release matrix Tablets of Venlafaxine HCl
2. Asmat Majeed		Formulation Designing of Nanofiber Based Fast Dissolving Oral Films BCS (Biopharmaceutical Classification System) Class II Drug
3. Shabnum Kawoosa	UGC-MANF	Formulation Strategy for the treatment of Helicobacter Pylori infection with Novel gastro retentive solid dispersion of Ellagic Acid- A Plant-Based Polyphenol.
4. Hashim Sofi	ICMR-SRF	Oral Fast Dissolving Nanofiber Scaffolds for Bioavailability Enhancement of Solubility limited Drugs
5. Rabia Bashir		Formulation Designing of Drug Loaded Nanofibers for the Treatment of Ocular Diseases.
6. Tanveer Ahmad Khan		Development of Abuse Deterrent Formulations to Combat the Epidemic of Drug Abuse.
7. Mir Idrees Maqbool		In abeyance

M Pharm Awarded

Name of the Scholar	Title of the Thesis
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1. Sarjohn Bashir	Method Development and Validation of a Bioanalytical Method for Determination of In vitro Release Rate and In Vitro Permeation Characteristics of Terbinafine from its topical Formulations us in Franz Diffusion Cell System.
2. Ahmar Khan	Development and Validation of a Bioanalytical Method for the Simultaneous Quantification of Atazanavir and Ritonavir in Human Plasma by UPLC-MS/MS and its Application to Bioequivalence Study
3. Asif Mohd. Itoo	In vitro Dissolution of Development batches of Quetiapine Test Formulations using Advanced Dissolution Monitoring System
4. Suheel Bashir	Studies On Electrospun Nanofiber Drug delivery system for a BCS class II Drug
5. Aijaz Ahmad Barwal	Formulation, Optimization and Evaluation of Floating Oral In Situ Gelling System of Ofloxacin
6. Mir Danish Nazir	Formulation Designing of Fast Dissolving Nanofiber Mat of Losartan Potassium
7. Mansoor Ahmad Farooqi	Formulation ND Invitro evaluation of Gastro retentive Drug Delivery System of Famotidine
8. Shabnum Kawoosa	Formulation and Evaluation of Celecoxib Emulgel for Topical Delivery
9. Peerzada Bilal Ahmad	Solubility Enhancement of Hydrochlorothiazide by Solid Dispersion Technique
10. Rabia Bashir	Formulation and Evaluation of Floating In situ Gel of Losartan Potassium
11. Tanveer Ahmad Khan	Solubility and Enhancement of Domperidone using Beta CD Complexation Technique
12. Aabid Hussain Kar	Preparation and In vitro Evaluation of Mouth Dissolving Films of Losartan Potassium
13. Gul Snober	Design and Development of pH Triggered In situ Gel of Ofloxacin
14. Imran Ahmad Bhat	Formulation and In vitro Evaluation of Floating Beads of Venlafaxine HCl
15. Asmat Majeed	Development and Characterization of Amlodipine Besylate Solid Dispersion by Mixed Hydrotropic Solubilization Technique

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16. Imran Rasool	Design and Evaluation of Guar Gum Based Simple Matrix and Mini Matrices System for the Sustained Release of Capsule Formulation of the Antihypertensive Drug – Losartan Potassium
17. Showkat Ahmad Dangroo	Design, Optimization and Evaluation of Hydrodynamically Balanced Gastroretentive Capsule Formulation of Propranolol Hydrochloride
18. Jameela Rasool	Development of Novel UV Spectrophotometric Method for Quantitative Estimation of Indomethacin in Bulk and Solid Dosage Formulations using Mixed Hydrotropic Solubilization Technique
19. Farah Nayeem	Formulation and Evaluation of Indomethacin Loaded Microspheres for Oral Delivery
20. Mohi Durakhshan	Studies on Beta CD Complexation of a Poorly Soluble Drug
21. Mir Idrees Maqbool	Formulation Development of Nevirapine Dispersible Tablets for Paediatric Use
22. Khalid Bashir Mir	Solubility and Dissolution Aceclofenac and Ofloxacin by Solid Dispersion Technology
23. Abdul Aala Fazli	Role of Salts in the Modulation of Drug Release from Carbopol Matrices
24. Syed Naiem Raza	Formulation and In vitro Evaluation of Gastroretentive Drug Delivery System of Ofloxacin

M. Pharm Ongoing

Name of the Scholar	Title of the Thesis
1. Munazzah Nazir	
2. Mariya Mushtaq	
3. Ubaid	Nanoparticles- as cargo delivery platforms for molecular imaging and therapeutics of atherosclerosis.
4. Shahid Ah. Bhat	Cubosomes –As new-fangled nano drug delivery system- A review

RESEARCH PUBLICATIONS

Recent Publications 2019-20

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1. Wani, T. U., Mir, K. B., Fazli, A. A., Raza, S. N., & **Khan, N. A.** “HPMC/Carbopol based extended release gastro retentive dosage form of losartan potassium: Formulation and in vivo pharmacokinetic evaluation in rabbits” (2020), Journal of Drug Delivery Science and Technology, 60, 102006”; DOI: 10.1016/j.jddst.2020.102006 (**Impact Factor: 2.734**).
2. Wani. T. U., Mohi-Ud-Din R, Wani T. A., Itoo A. M., Sheikh, F. A., **Khan N. A.**, Potoo F. H., “Green Synthesis, Spectroscopic Characterization and Biomedical Application of carbon nanotubes” (2020), Current Pharmaceutical Biotechnology; DOI: 10.2174/138920102199201110205615 (**Impact Factor: 1.49**).
3. Taha Umair Wani, Syed Naiem Raza, **Nisar Ahmad Khan**, "Nanoparticle Oponization - Forces Involved and Protection by Long Chain Polymers" 2019, Polymer Bulletin; DOI: 10.1007/s00289-019-02924-7 (**Impact Factor: 1.858**).
4. Syed Naiem Raza and **Nisar Ahmad Khan**, “HPMC-Eudragit based gastro retentive hydrodynamically balanced capsules suitable for sparingly soluble and freely soluble drugs: an *in vitro* study” (2018), Journal of Pharmaceutical Innovation **13**, 353–366 (**Impact Factor: 1.700, 2.209 (five years impact factor)**).
5. Abdul Aala Fazli, Taha Umair Wani, Syed Naiem Raza, Khalid Bashir Mir, **Nisar Ahmad Khan** “Formulation and evaluation of sustained release tablets of Venlafaxine HCl” (2019), Journal of Drug Delivery and Therapeutics 9(3-s), 285-289.
6. AM Itoo, SN Raza, A Khan, B Sarjohn, T Ubaid, **NA Khan**, “3d Drug Printing-A Swing from Laboratory Production to Computerized Production” (2019), Journal of Drug Delivery and Therapeutics 9 (5-s), 201-207.
7. Taha Umair Wani and **Nisar Ahmad Khan**, “Formulation of Carbopol Capsules for Sustained Release of Losartan Potassium” (2019), Journal of Drug Delivery and Therapeutics (2-s), 92-97.

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8. A Khan, SN Raza, A Itoo, S Bashir, TU Wani, **NA Khan**, “Ocular Inserts-A Novel Approach in Ocular Drug Delivery”, (2019) Journal of Drug Delivery and Therapeutics 9 (4), 693-703.
9. Khalid Basir Mir, **Nisar Ahmad Khan**, “Preparation of solid dispersion of Glibenclamide for in-vitro dissolution enhancement” (2019), Journal of Drug delivery and therapeutics 9 (2-s).
10. R. Bashir, S. N. Raza, S. Kawoosa, T. U. Wani and **N. A. Khan**, “Formulation and evaluation of floating oral in-situ gelling system of losartan potassium” (2019), International Journal of Pharmaceutical Sciences and Research 10(4)
11. Taha Umair Wani, Syed Naiem Raza, **Nisar Ahmad Khan**, "Rosmarinic acid loaded chitosan nanoparticles for wound healing in rats" (2019), International Journal of Pharmaceutical Sciences and Research 10(3): 1138-1147.
12. Syed Naiem Raza, Aabid Husain Kar, Taha Umair Wani, **Nisar Ahmad Khan**, “Formulation and evaluation of mouth dissolving films of losartan potassium using 3² factorial design” (2019), International Journal of Pharmaceutical Sciences and Research, 10(3): 1402-1411.
13. Asmat Majeed, Syed Naiem Raza, **Nisar Ahmad Khan**, “Hydrotrophy- Novel solubility enhancement technique: A review” (2019), International Journal of Pharmaceutical Sciences and Research, 10(3): 1025-1036.
14. Asmat Majeed and **Nisar Ahmad Khan**, “Ocular In situ gel: An overview”. Journal of Drug Delivery and Therapeutics, 2019; 9(1): 337-347
15. Roohi Mohi-Ud- Din, Saeema Farooq, Asmat Majeed, **Nisar Ahmad Khan** and Zulfiqar Ali Bhat, “Legal Framework on Protection of Traditional Knowledge: A review” (2019), International Journal of Advance Research in Science and Engineering 8(1): 100-108.
16. Mir Idrees Maqbool, Mir Tahir Maqbool, **Nisar Ahmad Khan**, “Dispersible formulation makeups for pediatric use: a review” (2019), International Journal of Pharmaceutical Sciences and Research, 2019; 10(1)
17. Asmat Majeed, Saeema Farooq and **Nisar Ahmad Khan**, “Polyherbal Formulations for Treatment of Diabetes: A review”. International Journal of Scientific Research and Review, 2019; 8(2): 522-533

18. Asmat Majeed and **Nisar Ahmad Khan**,” Formulation and Evaluation of Fast Dissolving Oral Films: Review Article” (2019), Journal of Applied Science and Computation 4(3): 25-40.

Other publications

19. Syed Naiem Raza, **Nisar Ahmad Khan**, “Role of mathematical modelling in controlled release drug delivery” (2017), International Journal of Medical Research and Pharmaceutical Sciences 4(5), 84-95.
20. Syed Naiem Raza and **Nisar Ahmad Khan**, Various formulation variables effecting floating behaviour of single unit gastroretentive capsules of ofloxacin, International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9(1), 213-217.
21. Khalid B. Mir and Nisar A. Khan “Development and Validation of Simple UV Spectrophotometric Method for the Assay of Glibenclamide in Pure and Pharmaceutical formulations”, 2017, World Journal of Pharmacy and Pharmaceutical Sciences, 6(2), 1447-1456
22. Khalid Bashir Mir and Nisar Ahmad Khan, Solid Dispersion: An Overview of Technology, 2017, International Journal of Pharmaceutical Sciences and Research, 8(6), 2378-87
23. Raza S.N and **Khan N.A**, Gastric retention- An innovative approach to increase bioavailability, 2014, International journal of Biology, Pharmacy, and allied sciences, 3(1), 113-133
24. **Nisar Ahmad Khan** and Mohi Durakshan, “Cyclodextrin – An overview” (2013), International journal of bioassays, 2(4), 858-865.
25. Mohi Durakshan, **Nisar Ahmad Khan**, “Cyclodextrins – world’s smallest beauty cases” (2013), International journal of bioassays, 2(8), 1174-1179.
26. 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.
27. Dinesh Kumar, Zulfiqar Ali Bhat, Vijender Kumar, **N.A. Khan**, I.A. Chashoo, M.I. Zargar, M.Y. Shah, “Effects of *Stachys tibetica* essential oil in anxiety” (2012), European Journal of Integrative Medicine, 4(2), e169-e176.
28. 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.

29. Dinesh Kumar, Vikrant Arya, Zulfiqar Ali Bhat, **Nisar Ahmad Khan**, Deo Nandan Prasad, "The genus *Crataegus*: chemical and pharmacological perspectives" (2012), *Revista Brasileira de Farmacognosia*, 22(5), 1187-1200.
30. 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 *Stachys tibetica* oil by GC-MS and HRBC membrane stabilization" (2012), *Chemistry of Natural Compounds*, 48(5), 893-895.
31. Kumar Dinesh, Bhat Zulfiqar Ali, Kumar Vijender, Chashoo Ishtaq Ahmad, **Khan Nisar Ahmad**, Ara Irfat, Shah Mohammad Yassin, "Preliminary pharmacognostical and phytochemical evaluation of *Stachys tibetica* Vatke" (2012), *TANG [HUMANITAS MEDICINE]*, 2(1), 11.1-11.7.
32. I A chashoo, Dinesh Kumar, Z A Bhat, **NA Khan**, Vijender Kumar, Javaid A. "Nowshehri, Antimicrobial studies of *Sambucus wightiana* Wall. ex. Wight & Arn.," (2012), *Journal of Pharmacy Research*, 5(5), 2467-2468.
33. 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.
34. 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* 3, 799-811.
35. Dinesh Kumar, Zulfiqar Ali Bhat, Vijender Kumar, I. A. Chashoo, **N. A. Khan**, M. Y. Shah, Pharmacognostical and phytochemical evaluation of *Angelica Archangelica* Linn., 2011, *International Journal of Drug Development and Research*, 3(3), 173-188
36. 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.
37. M Mudasir, N Tabassum, J Ali, **Khan N A** & Jan R, "Qualitative and Quantitative Estimation by HPLC Method in Transdermal Formulations: A Technical Note", (2011), *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 2(1), 231-241.
38. **Nisar Ahmad Khan**, Dinesh Kumar Zulfiqar Ali Bhat, Vijendar Kumar, Navneet Nagpal, and Santosh S. Bhujpal, "Invitro H2 receptor antagonist activity of methanolic extract of tuber *staphenia globera* vern." (2010), *Bangladesh Journal of Parmacological Society*, 5, 89-91.
39. ZA Bhat, M Ali, SH Ansari, D Kumar, **NA Khan**, P Singh, IA Chashoo, "Two disaccharides namely Glucopyranosyl-O-(1® 2) fructofuranoside (sucrose) and

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- Glucopyranosyl-O-(1® 4) glucopyranoside (Maltose) from *Aralia cachemirica* Decne” (2010), *International journal of Biological and Medical Research*, 1(4), 295-297.
40. 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.
41. ZA Bhat, 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.
42. 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.

BOOK CHAPTERS

1. Taha Umair Wani, Syed Naiem Raza, Nisar Ahmad Khan, Faheem A. Sheikh (2020), *Recent Advances in the Emergence of Nanorobotics in Medicine*. In: Sheikh F. (eds) *Application of Nanotechnology in Biomedical Sciences* PP 119-148. Springer, Singapore.
2. Hashim S. Sofi, Nisar Ahmad Khan, Faheem Ahmad Sheikh (2020), *Smart Biomaterials from Electrospun Chitosan Nanofibres by Functionalization and Blending in Biomedical applications*, In: *Applications of Nanotechnology in Biomedical Science*, 51-73. Springer.
3. Wani T. U., Sofi H.S., Nisar Ahmad Khan, Sheikh F.A. (2019), *Experimental Protocol for Induction of Transgene Expression in Neural Stem Cells Through Polymeric Nanoparticles*. In: Turksen K. (eds) *Stem Cell Nanotechnology. Methods in Molecular Biology*, vol 2125. Humana, New York, NY.
4. Hashim Sofi, Nisar Ahmad Khan and Faheem A. Shaikh (2019), “Protocol for Determining the Induction of human embryonic stem cells into myogenic Lineage using Electrospun nanofibers” In: Turksen K. (eds) *Stem cell nanotechnology. Methods in Molecular Biology*, Vol 2125. Humana, New York, NY.

PAPER PRESENTATIONS

International:

- “Novel and validated spectrophotometric estimation of Indomethacin in bulk and solid dosage formulation using mixed hydrotropic solubilisation technique” at Global Experts Meeting on Pharmaceutics & Drug Delivery Systems international conference on

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"Novel approaches, Trends & Challenges in Drug Delivery Systems", 12-13 October, 2017, Osaka, Japan.

- "Contemporary drug delivery strategies for solubility and bioavailability enhancement of poorly soluble drugs" at 2nd JK Medical Science Congress, on "Non-communicable Diseases in Developing Nations" 10-13 May, 2017, held at SKICC, Srinagar, J&K.
- "Nanoparticle Drug Delivery System – A step forward in Drug targeting" at "International Conference on Cellular and Molecular Mechanisms of Disease Processes", 13-16 April, 2014 held at University of Kashmir, Hazratbal, Srinagar, J&K.

National:

- "Formulation designing of GR HBS capsules of Hydrochlorothiazide – an absorption window drug" at National 13th JK Science Congress, 2-4 April, 2018 held at University of Kashmir, J&K.
- "Alzheimers disease: A double whammy for elderly and society" at National conference on "Ageing and Elderly Care: Critical issues, Challenges and the Way Forward", 29 March, 2018, held at Dept. of Social Work, University of Kashmir.
- "Innovative Methods of Bioavailability enhancement" at Pharma Meet 2018: "Building India into a Pharma Superpower 2020", 8 April, 2018, held at Indian Pharmaceutical association M.P State Branch Indore.
- "Formulation designing of Indomethacin loaded microspheres" at Pharma Meet, 2017, on "Current trends and future prospects in Pharmaceutical Industry" 14 April, 2017, held at Indain Pharmaceutical association M.P State Branch Indore.
- "Cosmeceuticals – A technological fusion of cosmetics and drugs" at National 12th JK Science Congress, 02-04 March, 2017, held at University of Jammu, Jammu, J&K.
- "Modified release drug products: the newfangled forms of drug delivery" at National inter-disciplinary conference on "Science for Sustainable Development, 25-26 Feb, 2017, held at S. P. College, Srinagar, J&K.
- "Pharma careers – Past, Present and Future Prospects" at National 16th IPA Pharma Meet – 2016, 13 March, 2016, held at IPA MP State Branch, Indore, M.P.

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- “Drug-excipient compatibility studies in formulation mixtures in controlled release matrix tablets: A physico-chemical and computational approach” at 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.
- “Pressure activated drug delivery systems” at National IPA Pharma Meet – 2015 on “Role of Pharmacist: Challenges & opportunities”, 15th March, 2015, held at IPA, MP state branch, Indore, M.P.
- “Magnetic catchment of drugs – A Revolutionary concept of targeted drug delivery” at National 9th JK Science Congress 2013 on “Scientific, social and economic dimensions of climate Change”, 01-03 October, 2013, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- “Colon targeting – An innovative drug targeting technique” at National 8th JK Science Congress 2012 on “Scientific, social and economic dimensions of climate Change”, 17-19 September, 2012, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- “Orally disintegrating tablets: An Overview” at National Indian Pharma Convention, 12 Feb, 2012, held at DIPSAR, Delhi.
- “Administration of drug through the skin – challenges and perspectives” at National Seminar on Recent Advances in Pharmaceutical Education & Research (NSRAPER 2009), 15-16 July, 2009, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- “Formulation and evaluation of Terbinafine hydrochloride anti-dandruff shampoo” at National 2nd JK Science Congress, 25-27 July, 2006, held at University of Kashmir, Hazratbal, Srinagar, J&K.

SEMINARS / CONFERENCES / WORKSHOPS/ WEBINARS

International:

- International webinar on “Pharmacy profession in India: Present status and future challenges”, held on 14th July 2020, organized by Department of Pharmaceutical sciences in collaboration with UGC-HRDC, University of Kashmir.

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- One Day Online Workshop on Planning and Organizing Research Using Elsevier Tools: Scimedirect, Scopus and Mendeley, April 26, 2020 organized by Department of Bio-resources, University of Kashmir in Collaboration with Elsevier.
- 1st Annual Conference of Metabolic Syndrome – Prediabetes – Polycystic Ovary Syndrome (MP PCOS) Society, 11-13 May, 2017, held at SKICC, Srinagar, J&K.
- International Seminar on New Trends in Statistics and Optimization (ICONTSO 2008), 20-23 Oct, 2008, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- International Symposium on Genomic Instability and Cancer, 26-29 July, 2007, held at University of Kashmir, Hazratbal, Srinagar, J&K.

National:

- National Webinar on “Relevance of Shelf Life Extension Program” organized by Society of Pharmaceutical Sciences and Research (SPSR) on April 4, 2021.
- One Day National Webinar on “New Horizons in drug discovery and development (NHDDD-4): Innovative Trends and Challenges in Pharmaceutical Sciences” organized by Department of Pharmaceutical Chemistry, School of Pharmaceutical Education and Research (SPER), Jamia Hamdard on 11th March 2021.
- National Webinar on “Acquiring digital competencies in education; the next generation pharmacist” organized by Society of Pharmaceutical Sciences and Research (SPSR) on March 7, 2021.
- Webinar on Role of Modern Pharmaceutical Technology in Tablet Formulation, 5, Aug, 2020 organized by Vivek College of Technical Education, Bijnor.
- Two days national conference and workshop on advances in biopolymers, 30-31 Oct, 2018 held at Department of Food Science and Technology, University of Kashmir, Srinagar, J&K.
- National conference on Recent advances in understanding the role of Phytochemicals in human Health (RAURPHH), 25-26 July, 2018, Department of Food Science and Technology, University of Kashmir, Hazratbal, Srinagar, J&K.
- Workshop on Transmission Electron Microscopy, 27 March, 2018 at JH Institute of Molecular Medicine, School of Interdisciplinary Sciences and Technology, Jamia Hamdard, New Delhi.

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- Workshop on Confocal Microscopy, 26 March, 2018, held at JH Institute of Molecular Medicine, School of Interdisciplinary Sciences and Technology, Jamia Hamdard, New Delhi.
- DST-MHRD Regional Workshop on Research Based Pedagogical Tools, 03-05 July, 2017, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- State Level Workshop on Basic Techniques of Bioinformatics and Drug Designing, 02-03 May, 2017, held at S. P. College, Srinagar, J&K.
- National workshop on Analytical Laboratory Techniques: Applications & Future Prospects, 16-17 Feb, 2016, held at Department of Chemistry, Islamia College of Science & Commerce, Srinagar, J&K.
- 5th National Conference on Patient safety and Drug Regulatory Scenario in India, 21 May, 2015, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- One Day Seminar on Book Reading and Plagiarism, 23 April, 2014, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- DST-Lockheed Martin India Innovation Growth Programme 2014, 30 Jan, 2014, SKICC, Srinagar, J&K.
- Two Day Workshop on Molecular Modelling and Rational Drug Designing, 28-29 March, 2013, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- One Day Seminar on Open Access Resources, 18 Dec, 2012, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- Two Day National Workshop on Patents and Intellectual Property Rights, 01-02 May, 2008, held at RRIUM, University of Kashmir, Hazratbal, Srinagar, J&K.
- One day Seminar on Tobacco Free Kashmir – Bringing the Dream to Reality, 06 Nov, 2007, held at University of Kashmir, Hazratbal, Srinagar, J&K.
- AICTE Sponsored National Seminar on Latest Trends in Herbal Medicine, 30 June-02 July, 2006, held at Shaheed Bhagat Singh Polytechnic and Pharmacy College, Patti, Amritsar, Punjab.

ORIENTATION & REFRESHER COURSES / STAFF DEVELOPMENT PROGRAMMES

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- UGC Refresher Course in Biosciences, 15 May-03 June, 2017, held at UGC-HRD Centre, University of Kashmir, Hazratbal, Srinagar, J&K.
- 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.
- UGC General Orientation Course, 07 Oct – 07 Nov, 2009, held at UGC-Academic Staff College, University of Kashmir, Hazratbal, Srinagar, J&K.
- AICTE Sponsored National Level Staff Development Programme, 16-29 Dec, 2006, held at Shaheed Bhagat Singh Polytechnic and Pharmacy College, Patti, Amritsar, Punjab.

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 Speaker at “Special Winter School Refresher Course”, 13 Feb, 2015, held at UGC-Academic Staff College, University of Kashmir, Hazratbal, Srinagar, J&K.
- Invited Speaker at “Special Summer School Refresher Course”, 05 Sep, 2014, held at UGC-Academic Staff College, University of Kashmir, Hazratbal, Srinagar, J&K.
- Resource Person on “Development of e – Content in Pharmacy”, 11 Oct, 2012, held at EMMRC, University of Kashmir, Hazratbal, Srinagar, J&K.

OTHER MEMBER / EXPERT/ RAPPORTEUR POSITIONS HELD

- Nominated Member by the Hon’ble Vice Chancellor, University of Kashmir, to the “Working Committee of J&K Cricket Association” (2017).

CURRICULUM VITAE

- Appointed Expert by University of Kashmir for the selection of University Cricket Team (Men) for participation in North Zone Inter-University Cricket Tournament (2012, 2013, 2014, 2015, 2017).
- Appointed Expert by University of Kashmir for the selection of University Cricket Team (Men) for participation in Inter-College Cricket Tournament (2012, 2013, 2014, 2015, 2017).
- Appointed Expert by the Hon'ble Vice Chancellor, University of Kashmir, for the conduct of physical efficiency test for MP-Ed Programme (2015).
- Appointed Member by University of Kashmir to the "Committee for Maintenance of Kashmir University Playgrounds (Main Campus)" (2015).
- Appointed Member by University of Kashmir to the "Committee for Modalities for Running Competitive Coaching Classes in Kashmir University (Main Campus)" (2015).
- 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 University of Kashmir to the "Finance Committee for 8th JK Science Congress" (2012).
- Appointed Rapporteur by University of Kashmir for the "Medical & Nutritional Sciences Session" in 8th JK Science Congress (2012).
- Appointed Member by the Hon'ble Vice Chancellor, University of Kashmir, to the "Transport Committee for 18th Annual Convocation" (2012).
- Appointed Coach by University of Kashmir for "KUMSA Cricket Team" (2012).

Date: 01 May, 2021

(Dr. Nisar Ahmad Khan)

Place: Srinagar, J&K