

Kumaun University, Nainital
Curriculum Vitae

Name : **Dr. Tirath Kumar**
 Designation : Associate Professor
 Department : Department of Pharmaceutical Sciences
 Kumaun University, Bhimtal Campus, Bhimtal,
 Distt. Nainital (Uttarakhand)

Contact Information

- Email Address : tirath.kamboj@gmail.com
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Number of Ph.Ds awarded : 03

Number of Candidates working for Ph.D award : 04

LinkedIn Profile (Optional) :

ORCID ID : <https://orcid.org/0000-0003-1908-2264>

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Vidwan ID : <https://vidwan.inflibnet.ac.in/profile/512911>

Educational Qualification

Degree	University	Subjects	Year
Ph.D.	Shobhit University, Meerut. (U.P)	Pharmaceutical Sciences (Pharmacology)	2012
M. Pharm	Annamalai University, Chidambaram. Tamilnadu.	Pharmacology	(2003–2005)
B. Pharm	MJP. Rohilkhand University,(U.P)	Pharmaceutical Sciences	(1999-2003)

Work Experience (add row if required)

Position	Department	University/Organization	Year
Associate Professor	Department of Pharmaceutical Sciences	Kumaun University Nainital	2021
Assistant Professor	Department of Pharmaceutical Sciences	Kumaun University Nainital	2008-2021
Lecturer	Department of Pharmacy	IFTM, Moradabad,	2005-2008
Lecturer	Department of Pharmacy	Kumaun University Nainital	2005

Administrative Responsibilities (add row if required)

Position	Nature of responsibility	University/Organization	Year
Warden	Warden Babu Jaggivan Ram Boys Hostel	Kumaun University, Bhimtal Campus	2018 to till date
Member Secretary	Member Secretary Animal House Facilities	Kumaun University, Bhimtal Campus	2009 to till date
Nominee of Committee	Nominee of Committee for Control and Supervision of Experiments on Animals (CCSEA)	Kumaun University, Bhimtal Campus	2017 onwards
In-charge	Examination evaluation center, Bhimtal	Kumaun University, Bhimtal Campus	30-03-24

Research Interests: Screening of animal related pharmacological activity as well as clinical studies.

Publications

a) Research Papers

Authors name	Title of the paper	Journal, vol, page no	Year
Tirath Kumar, Aanchal Arya, Arun Kumar, Virendra Kaur and V.K Lal	Polyherbal formulation-mediated inhibition of crystal nucleation and aggregation: An experimental study on ethylene glycol-induced urolithiasis in wistar rats.	Eropean Journal of Biomedical and Pharmaceutical Sciences, 11(3)	2024
Babul Kumari, Tirath Kumar, Dhananjay Kumar, Aninda Sen	Hepatoprotective potential of phytoconstituents and vitamins against antitubercular drugs induced hepatotoxicity in albino rats.	Current Drug Therapy, 18, 237-246	2023
Deepak Singh Janoti, Tirath Kumar, Kumud Upadhyaya	Evaluation of Antioxidant Assays in Hydroalcoholic Extract and its Fractions with HPLC-DAD Screening and Quantification of analytical marker compounds in piper longum fruit.	European Chemical Bulletin, 12(10), 12565-12578	2023
Tirath Kumar, Deepak Chandra Joshi, Nirmal Joshi and Harshita	To Evaluate Preliminary Pharmacological Screening of Plant Extract of Ficus auriculata Lour for Anti-ulcer Activity.	Journal of Advances in Medicine and Medical Research, 34(22), 206-213	2022
Tirath Kumar, Priyanka Gauniya, Virender Kaur and Geetika Pant.	Evaluation of the combined effect of L-Arginine and Honey extracted Polyphenols for wound healing activity in Wistar rats, in vitro anti-inflammatory and antioxidant activity.”	http://ymerdigital.com , 21(11) 2220-2238	2022
Tirath Kumar, Komal Chandra, Preetam Kumar, Virender Kaur and Yatindra Kumar.	Evaluation of Antiobesity Activity of Bryophyllum pinnatum (Lam) Oken Leaves Extractin Cafeteria Diet Induced Obesity in Rats.	Asian Pacific Journal of Health Sciences, 8(3)194-200	2021
Tirath Kumar, Himani Bajaj, Vinod Singh, Ranjit Singh,	Fabrication and Evaluation of Chitosan-Based Film Forming Gel of Aceclofenac for Transdermal Drug Delivery.	Indian Drugs, 58(06)	2021
Tirath Kumar, Himani Bajaj, Vinod Singh, Ranjit Singh,	Preparation and Characterization of Aceclofenac-Loaded Amphiphilic Gels for Transdermal Drug Delivery.	Research J.Pharm. and Tech, 14(3) 1298-1304	2021
Kumar T Bajaj H, Singh V, Singh R,	Film Forming Systems: An Emerging Platform for Drug Delivery.	International Journal of Biology, Pharmacy and Allied Sciences, 9(5) 1068-1077	2020
Tirath Kumar, Himani Bajaj, Vinod Singh,	Evaluation of Antiarthritic Activity of Aceclofenac Amphiphilic Gels Against Freund's Complete Adjuvant Induced	International Journal of Pharmaceutical Research, (1) 1861-1865	2020

Ranjit Singh,	Arthritis in Rats.		
Tirath Kumar, Babul Kumari,	Hepatoprotective Effect of Zingiber Officinale Roscoe against Anti-Tubercular Drug-Induced Liver Toxicity in Albino Rats.	Journal of Global Pharma Technology,11(11) 01-06	2019
Babul Kumari, Tirath Kumar,	Hepatoprotective Effect of Vitamin C and E onAntitubercular Drugs Induced Hepatotoxicity in Albino Rats.	Journal of Global Pharma Technology, 10(8) 12-18	2018
Tirath Kumar, Harikesh Maurya,	Pharmacological Potential of Polyherbal Combinationfor the Treatment of Glomerulonephritis in Albino Rats.	International Journal of Pharmaceutical Sciences and Research.10(11) 4889-4898	2019
Tirath Kumar, Harikesh Maurya	Formulation, Standardization, and Evaluation ofPolyherbal Dispersible Tablet.	InternationalJournal of Applied Pharmaceutics, (1) 158-166	2019
Tirath Kumar, Harikesh Maurya, Sunil Kumar,	Pharmacological Potential of Polyherbal Root Extracts Combination for the Management of Nephrotic Disorders inRats.	Archives of Nephrology,(1) 19-27	2018
Tirath Kumar, Harikesh Maurya,	Clinical Exploration of Medicines used in the Patientwith Nephrotic Disorders and its Consequence on Endocrine Function.	Archives ofNephrology,(1) 41-50	2018
Tirath Kumar, Harikesh Maurya, and Sunil Kumar	Anatomical and Physiological similarities of Kidney in different Experimental Animals Used for Basic Studies.	Journalof Clinical &Experimental Nephrology, (3) 2-6	2018
Pankaj Lohumi, Tirath Kumar, Lipi Nogai	Evaluation of Ethanolic Root Extract of Parthenium Hysterophorus Linn For Antioxidant and Anti-Inflammatory Activity.	International Journal of Current Pharmaceutical Research, (9)5	2017
Harikesh Maurya and Tirath Kumar	Clinical Assessment of Drugs used in NephroticSyndrome.	Annals of Pharmacology and Pharmaceutics,2-4-1026	2017
Harikesh Maurya, Tirath Kumar	Formulation, Characterization and PharmacologicalEvaluation of Anti-Inflammatory Polyphyto matrix tablet as a novel drug delivery system	Indian Journal of Pharmaceutical and Biological Research (IJPBR), 4(3) 50-57	2016
Harikesh Maurya, Tirath Kumar	A Comprehensive Overview In The Management OfNephrotic Disorders	Journal of Critical Reviews, 3,(2)	2016
Tirath Kumar, Harikesh Maurya,	Antinephrotic potential of CATCAB-50 in CCL4induced glomerulonephritic animal”,	International Journal of Pharmaceutical and Medicinal Research,4(2) 324-328	2016
Tirath Kumar, Himani Bajaj, Vinod Singh,	Film Forming Gels: A Review	ResearchJournal of Pharmaceutical, Biological and Chemical Sciences,7(4) 2085-91	2016
Tirath Kumar, Manika Kala, HK Singh,	Effect of Bacosides Enriched StandardizedExtract of Bacopa Monniera (Beseb-Cdri-08) on Lipid Profile and Blood Pressure of Postmenopausal Women: A Pilot Study,	The Pharma Innovation Journal, 4(1) 91-95	2015
Harikesh Maurya,Tirath Kumar,	NephroprotectivePotential of Curcuma Caesia Roxb, In Animal Model.	International Journal of Bioassays, 3(10) 3336-3341	2014

Tirath Kumar, Himanshu Pal, Himani Karki,	In Vitro Antioxidant and Renoprotective Potential of Methanolic Extracts of Verbascum Thapsus Leaf in Rats.	Der Pharmacia Sinica, 4(2) 14-23	2013
Tirath Kumar, Balbir Singh, Adi,tya Godiyal	Impact of Thiopurines S-Methyl Transferase Gene (Tpmt) Polymorphism on Thiopurine Drug Metabolism: A Way To Individualized Therapy”.	Journal of Pharma Research, 2(5)	2013
Tirath Kumar, Ravindra Kumar, Virender Kamboj, Harish Chander	Pharmacological Evaluation of Ethanolic Extract of Kigelia Pinnata Fruit Against Ethylene Glycol Induced Urolithiasis In Rats.	Asian Journal of Plant Science and Research, 2(1) 63-72	2012
Tirath Kumar Parmar Namita, Rawat Mukesh,	Evaluation of Anti-Inflammatory Potential of Kigelia Pinnata Leaf Extract in Wistar Rats.	Asian Journal of Pharmaceutical and Clinical Research, 1(5) 95-97	2012
Tirath Kumar, Parmar Namita, Rawat Mukesh,	Evaluation of Analgesic Potential of Kigelia Pinnata Leaf Extract in Wistar Rats.	International Research Journal of Pharmacy, 2(10) 87-89	2011
Tirath Kumar, Virender Kaur, Khim Bora S.,	Pharmacological Evaluation of Zanthoxylum Armatum Root Extract on Analgesic and Anti-Inflammatory Activity.	Journal of Pharmacy Research, 4(8)	2011
Tirath Kumar, Mukesh Srivastav, A.K. Wahi, H.K. Singh, Ranjit Singh.	Randomized Control, Double Blind Cross-Over Study to Clinically Assess The Rasayana Effect of A Standardized Extract of Brahmi (Bacopa Monniera) In Adult Human Volunteers.	International Journal of Pharmacy and Pharmaceutical Sciences, 3-4.2	2011
Tirath Kumar, Mukesh Srivastav, A.K. Wahi, H.K. Singh, Ranjit Singh,	Randomized Control Double Blind Crossover Study to Clinically Assess The Effect of Brahmi (Bacopa Monniera) on Quality of Life In Human Volunteers”.	Journal of Pharmacy Research, 4(4) 1213-1215	2011
Tirath Kumar, Manika Kala, Hemant Singh, Vikash Dauliya.	Randomized Control Double Blind Study to Clinically Assess the Effect of Brahmi (Bacopa Monniera) on Sleep, Lethargy and Night Sweats of Post Menopausal Women.	Journal of Pharmacy Research, 4(2)	2011
Archana N. Sah, Amit Joshi, Vijay Juyal, Tirath Kumar.	Antidiabetic and Hypolipidemic Activity of Citrus Medica Linn. Seed Extract in Streptozotocin Induced Diabetic Rat.	Pharmacognosy Journal, 23(3) 80-84	2011
Tirath Kumar, Ranjit Singh, A.K. Wahi, H.K. Singh,	Open Clinical Trial to Assess the Effect of Bacopa Monniera on Stress Related Problem in Human Volunteers.	The Pharma Research, 4: 177-182	2010
Sharma K, Singh A, Kamboj T. and hashim S.R.	Synthesis and Anti-Inflammatory Activity of N-(Substituted) Benzylidene and Benzyl P- Aminobenzoic Acids.	Indian Drugs, 46(10) 807	2009
Arjun Patra, S Jha, P. N. Murthy, S.	Preliminary Phytochemical Screening and Antipyretic Activity of Leaf and Root Of Hygrophila Spinosa t. Anders”.	Pharmacology online, 1: 449-453	2009

Sampathy, Tirath Kumar,			
D.C.P Singh, Arjun patra, Tirath Kumar, Sarita kumari.	Antiinflammatory Activity of Withania Coagulans Dunal Fruits,	Pharmacologyonline,1:125-127	2009
Pronobesh Chattopadhyay, Navneet Verma, Anurag Verma, Tirath Kamboj, Najam Ali Khan and Arun Kumar Wahi,	L-Arginine Protects from Pringle Manoeuvere of Ischemia-Reperfusion Induced Liver Injury.	Biol. Pharm. Bull,31(5) 890-892	2008

b) Book chapters

Authors name	Title of the book	Publisher	ISBN	Year
Harikesh Maurya, Tirath Kumar, Sanjay Gandhi	Anti-oxidant Potential of Curcumin in Sepsis: Pharmacological screening of curcumin on survival of septic animals and oxidative stress within the vital organs	Lambert Academic Publishing, GmbH & Co. KG, Germany	ISBN No 978-3-659-86496-4	2016
Himani Bajaj, Vinod Singh, Tirathkumar	Basics Of Rheumatoid Arthritis	Lambert Academic Publishing, GmbH & Co. KG, Germany.	ISBN No 978-3-659-89941-6	2016

Projects

Title of the project	Funding agency	Amount (Rs)	Year
(a) Randomized Control Double Blind Study to Clinically Assess the Effect of Brahmi (bacopa monniera), in Postmenopausal Women. (b) Randomized Control Double Blind Study to Clinically Assess the Effect of standardized extract of Brahmi (bacopa monniera), in Sciatica Pain.	Lumen Research Foundation Chennai	Rs 87,371	2010
Randomized Control and Double Blind Cross-over study to clinically assess the Rasayana effect of a standardized extract of Brahmi (Bacopa monniera) in adult human volunteers.	Lumen Research Foundation Chennai	Rs 200000	2008
Pharmacological Evaluation Of Anti Anaemic Effect Of Carissa Carandas Linn. Fruit Extract In Wistar Rats”	Internal Funding For Research (KUIFR)	190000	2024

Teaching details

Name of the course/paper	Department	University	Year
Pharmacology	Pharmaceutical Sciences	Kumaun University	2005
Pharmacology	School of Pharmacy	IFTM University	2005-2008
Pharmacology	Pharmaceutical Sciences	Kumaun University	2008 Onwards

Professional Memberships

Organization	Position	Year
Uttarakhand Pharmacist Registration Tribunal	Registered Pharmacist	2004
The association of pharmaceutical teachers of India	Life Member	2013
Association of Pharmacy Professional	Life Member	2011

**Signature of the faculty member**