

Research Tab
School of Pharmacy & Allied Health Sciences

1. Books/ Book Chapter

Sr. No.	Authors' Name (Same order as in Publication)	Title	Publisher	Vol. No.	Year	Page No.
1.	Akash Yadav, ShahidNazirWani, Kirti Kaushal, Priya Sharma	Development of Oral Herbal Male Contraceptive	Current Aspects in Pharmaceutical Research and Development	8	2021	77-88
2.	Rajiv Kumar	Conjugates, Polymer-Drug: Polymer-Protein.	Encyclopedia of Biomedical Polymers and Polymeric Biomaterials.CRC Press	EBPP-120050043	2016	2066-88
3.	Rajiv Kumar	Biological and Clinical Perspectives of Nano Quantum Dots for Cancer Theranostics.	Smart Nanotechnology with Applications, 1 st Edition, Taylor & Francis, CRC Press,	1	2020	225-241




2. Research Publication in UGC/SCOPUS/ WOS/ SCI/ SCIE/ ESCI/ SSCI/ or any other listed Journals

Sr. No	Name of the Faculty	Title of Research Papers	Journal Name	Vol. / Issue	ISSN No.	Year of Publication	UGC/ SCOPUS/ WOS/ SCI/ SCIE/ ESCI/ SSCI/ or any other listed Journals
1.	Dr. Rajiv Kumar	Experimental investigations, cytotoxicity and cellular uptake outcomes of physically modified duloxetine HCl inclusion complexes	Polym Bull	76		2019	Springer Nature
2.	Dr. Rajiv Kumar	Transdermal delivery of duloxetine-sulfobutylether- β -cyclodextrin complex for effective management of	Int J Pharm	594		2021	Elsevier

		depression					
3.	Dr. Rajiv Kumar	Impact of Cyclodextrin Derivatives on Systemic Release of Duloxetine HCl via Buccal Route	Drug Develop Ind Pharm	46(6)		2020	Francis & Taylor
4.	Dr. Rajiv Kumar	GLP-1 Receptor Agonists in Type 2 Diabetes Mellitus.	CurrDaiebetes Rev	16(4)		2020	Banthen Science
1.	Mr. Akash Yadav	Rising trends towards the development of oral herbal male contraceptive: An insight review	Future Journal of Pharmaceuti cal Sciences	7(1)		2021	
2.	Mr. Akash Yadav	Triazole2nalogue as potential pharmacological agents: a brief review	Future Journal of Pharmaceuti cal Sciences	7(1)		2021	
3.	Mr. Akash Yadav	An emanation of nail lacquer in the management of nail disorders: a comprehensive review	World Journal of Pharmaceuti cal Research	10(1)		2021	
1.	Ms. Nisha Kumari	'Development and validation of analytical method for the simultaneous estimation of Etoricoxib and Thiocolchicoside in tablet dosage form by UV Spectrophotometric method'(Accepted)	Research Journal of Pharmacy and Technology	15(3)		2022	
2.	Ms. Nisha Kumari	Acetylation of Histone and Modification of Gene Expression via HDAC Inhibitors Affects the Obesity	Biomedical & Pharmacology Journal	14(1)		2021	
3.	Ms. Nisha Kumari	"Importance of nanocarriers and probiotics in the treatment of Ulcerative Colitis"	International Journal of Applied Pharmaceuti cs	13(1)		2021	
4.	Ms. Nisha Kumari	"A complete review on rhododendron arboretum: phytochemistry pharmacological activity and future prospective"	International journal of pharmacy & pharmaceuti cal research	19(3)		2020	
5.	Ms. Nisha Kumari	"Betulinic acid: a promising anti-inflammatory phytoconstituent, current and future perspectives"	Plant Archives	19(2)		2019	
6.	Ms. Nisha Kumari	"Quality by design: A systematic approach for the analytical method validation"	Journal of drug delivery and therapeutics	9(3-s)		2019	
1.	Ms. Priya Sharma	A review on Analgesic Herbs	International Journal of Scientific	5/7		2020	

			Development and Research				
2.	Ms. Priya Sharma	Black Cumin (Nigelia Sativa L) and its constituents: Effective used in Treating skin infection and Anti-microbial effects	International Journal of Scientific Development and Research	7/12		2020	
1.	Ms. Rajdeep Kaur	Antianxiety Effect of Ethyl Pyruvate in type 2 Diabetic rats	European Journal of Pharmaceutical and Medical Research	4/9		2017	
2.	Ms. Rajdeep Kaur	Diabetes mellitus: an emerging risk factor to public health	World Journal of Pharmaceutical Research	7/12		2018	
1.	Dr. Aditya Shiven	Natural and synthetic agents for the treatment of Sarcoptesscabiei	Annals of Parasitology	66(4)		2020	Scopus
1.	Dr. Arpit Bansal	Does exercise improves sleep quality, balance and strength among females.	International Journal of Current Advanced Research	6/4	2319-6475/ 2319-6505	2017	SCOPUS/UGC Care
2.	Dr. Arpit Bansal	Efficacy of Pilates based mat exercise on quality of life, quality of sleep and satisfaction with life in type 2 Diabetes Mellitus.	Romanian Journal of Diabetes nutrition and Metabolic Diseases	25/2	2068-8245	2018	SCOPUS/UGC Care
3.	Dr. Arpit Bansal	Physical therapy interventions for cervicogenic headache: an overview of systematic reviews.	European Journal of Physiotherapy	21/4	2167-9169/ 2167-9177	2019	SCOPUS/WOS/UGC Care
1.	Ms. Prachi Rana	Prevalence of Acquired Heart Diseases and Its Relationship with Sedentary and Non-Sedentary Lifestyle among People of Patiala District	JETIR	8/5	2349-62	2021	UGC Care
1.	Ms. Kritika	Efficacy of proprioceptive neuromuscular facilitation on forward head posture in Parkinson's disease: a randomized controlled trial	Indian Journal of Health Sciences and Care	13/18	2394-00	2021	SCOPUS/UGC Care
1.	Ms. Kirti Kaushal	Cardioprotective potential of hesperetin ischemic preconditioning against ischemic reperfusion injury in rat heart	Journal of Neurological Sciences	429		2021	

3. Patents/ Copyright Applied or Published

(Photo) Name of the Faculty Designation Department	Patent Title	National/ Internatio nal	Status (Filed/ Published/ Granted)
 Dr. Aditya Shiven Assistant Professor IEC School of Pharmacy	An Isolate from Seed Oil of <i>Pongamiapinnata</i> with Anti-Osteoporotic Activity and Method Thereof	Indian	Published
	Skin Disease Treatment Formulation	Indian	Published
	Development of Drug Design by Investigation of Drug Side Effects Based on Their Chemical Structures	Australia	Granted
	An Artificial Intelligence-Based Technique for Early Detection of Cancer	Indian	Published
	Method for Preparation of Polymer Coated Famotidine Tablet	Australia	Granted
 Ms. Jyoti Gupta Head of Department IEC School of Pharmacy	An IOT Based Automatic Medicine Carrier	South Africa	Filed
	Fluid Distribution Equipment, Sanitary, Heating, Ventilation and Air-Conditioning Equipment	South Africa	Filed
	Gas Chromatography Apparatus	Indian	Filed
 Ms. Priya Sharma Assistant Professor IEC School of Pharmacy	Fluid Distribution Equipment, Sanitary, Heating, Ventilation and Air-Conditioning Equipment	South Africa	Filed

4. Publication in Conference proceedings

Sr. No.	Name of the Faculty	Title of Paper	Conference		Year
			Name	Place	
1.	Dr. Rajiv Kumar	Inclusion Complexation of Duloxetine: Preparation and Characterization (Best Poster Award)	TRLS-2018	P.U. Chandigarh	05-07 th July 2018
		Enhancement of systemic release of duloxetine by buccal route: Impact of cyclodextrin complexation (Best E-Poster Award)	PPCRP V-2019	Chitkara University, Rajpura	08 th -09 th November 2019
		Development of Transdermal Patch for Systemic Delivery of Duloxetine HCl (Best Poster Award)	IAMBS SCON 2019	PGIMER, Chandigarh	19 th October 2019
		Design and development of Transdermal Patch for enhanced bio-performance (Oral Talk)	IRCPA S 2020	UCSI University, Kuala Lumpur, Malaysia	06-08 th March 2020

5. Academic Research

Sr. No.	Name of the Faculty	Completed Ph.D/ M.Phil Research	Registered Ph.D/ M.Phil Students	Ongoing research by various scholars	PG Dissertation (M. Tech/ M.Pharm/LLM/ etc)
1.	Prof. (Dr.) Jitender Singh	Pursuing	Ph.D. scholar Mr. Damit Dhiman	Development and Antidiarrhoeal Activity Evaluation of Tablets of Certain Traditional Used Plants	Mr. Gagan Saini (Pursuing M.Pharm)
2.	Prof. (Dr.) Jitender Singh	Pursuing	Ph.D. scholar Mr. Ashok Kumar	Antidiarrheal and Bioactivity Guided Investigation on Certain Traditionally Used Plants	
3.	Prof. (Dr.) Jitender Singh	Pursuing	Ph.D. scholar Mr. Gurpreet Sandhu	Analysis of Antibiotic Content in Marketed Chicken Meat Samples from	

				Punjab State of India	
4.	Dr. Aditya Shiven	Pursuing	Ph.D. scholar Ms. Priya Sharma	Design and Development of Optimized Berberine Chloride Formulation for the Treatment of Diabetes	Ms. Divya Maita (Pursuing M.Pharm)
5.	Dr. Aditya Shiven	Pursuing	Ph.D. scholar Ms. Sunita Kumari	Evaluation of Nephroprotective Potential of Pongamia pinnata	
6.	Ms. Jyoti Gupta	-	-	-	Ms. Shweta Sharma (Pursuing M.Pharm)

6. Invited talk/ Resource/ person/ Guest Lecture

Sr. No.	Name of the Faculty	Invited talk/ Resource/ person/ Guest Lecture detail
1.	Dr. Aditya Shiven	Guest Lecture on topic “Materials and Machines for Tablet Packaging” at 1 st National Workshop cum Faculty Development Program organised by the School of Pharmacy, Career Point University Hamirpur (Himachal Pradesh)
2.	Dr. Rajiv Kumar	Invited as Resource Person and delivered Oral talk on Development of Matrix Patch Formulation for Transdermal Delivery of Duloxetine at CPU HP.

7. Refresher/ Induction/ Research Methodology course

Sr. No.	Name of the Faculty	Refresher/ Induction/ Research Methodology course detail
1.	Dr. Aditya Shiven	UGC-Sponsored Refresher Course on “Skill Development & Futuristic Technologies”
2.	Dr. Rajiv Kumar	Refresher Course on Use of ICT in Academics at HPTU Hamirpur, HP in 2015