

ANNUAL REPORT-(2022-23)
(01.07.2022 TO 30.06.2023)
DEPARTMENT OF PHARMACEUTICAL SCIENCES

(I) NAME : Department of Pharmaceutical Sciences

(II) Year of Establishment : 1995

(II) (a) State the vision of the Department:

To develop centre of excellence in education, training and research in the field of Pharmaceutical Sciences where teaching and research encrust detailed understanding from Drugs to Human health.

(b) State the mission of the Department:

- i. To continuously evaluate our performance against National and International benchmarks and to develop dynamic programmes according to the need of the society leading to global tie-ups to meet our stakeholders requirements.
- ii. To develop teaching and research programmes that has relevance to the society and employability.

(c) State the objective of the Department:

(As resolved by Staff Council)

- i. To produce quality pharmacists catering to the needs of pharmaceutical industry, hospitals, academics and society.
- ii. To focus on recent advancements in Pharmaceutical Sciences through research.

(As resolved by Staff Council)

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	-	34
P.G	45+45	80
U.G	74 each year + 6 LEET each year from 2nd year onwards + left over seats B. pharm. 1st year	277
Any other		

(V) Faculty detail

(Attach a list of the Faculty alongwith their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	4	2	08	-
Associate Professor	7	1	00	-
Assistant Professor	13	10	00	-

List of Teaching Staff

S. No.	Name	Designation	Qualification	Teaching Experience (years)
1	Dr D.C. Bhatt	Professor	M Pharm, PhD	33
2	Dr Neeru Vasudeva	Professor, Superannuated on 31-03-2023	M Pharm, PhD	37
3	Dr Sumitra Singh	Professor Chairperson & Dean	M Pharm, PhD	25
4	Dr Sunil Sharma	Professor	M Pharm, PhD	26
5	Dr Dinesh Dhingra	Professor	M Pharm, PhD	29
6	Dr Munish Ahuja	Professor	M Pharm, PhD	26
7	Dr Sandeep Jain	Professor	M Pharm, PhD	27
8	Dr Archana Kapoor	Professor	M Pharm, PhD	16
9	Dr Ashwani Kumar	Professor	M Pharm, PhD	16
10	Dr Sunil Kumar	Professor	M Pharm, PhD	16
11	Dr Meenakshi Bhatia	Professor	M Pharm, PhD	16
12	Dr Rekha Rao	Assistant Professor	M Pharm, PhD	16
13	Dr Vikramjeet Singh	Assistant Professor	M Pharm, PhD	12
14	Dr Manoj Kumar	Assistant Professor	M Pharm, PhD	09
15	Dr. Naresh Kumar	Assistant Professor (On contract)	M Pharm, PhD	14
16	Dr. Ravi	Assistant Professor (On contract)	M Pharm, PhD	09
17	Dr. Deepak Kumar Jindal	Assistant Professor (On contract)	M Pharm, PhD	10
18	Ms. Himanshi	Assistant Professor (On contract)	M Pharm	08
19	Dr. Sonali Batra	Assistant Professor (On contract)	M Pharm, PhD	05
20	Dr. Samridhi	Assistant Professor (On contract)	M Pharm, PhD	05
21	Dr. Kavita	Assistant Professor (On contract)	M Pharm, PhD	08

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Technical Asstt. Gr-1/ S. Keeper	01	01
Asstt-cum-DEO	01	01
Clerk	01	00
Steno	01	01
Lab Attendant	09	09 (6 + 1 Lab. Tech+ 2TA-I)
Animal Attendant (In EAF)	01	01
Peon	02	02

VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes

<i>Programme</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st Year</i>	<i>Students Present in Final Year</i>
M. Pharmacy	45	41	39

(b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes

1st year		2nd year		3rd year	4th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake including LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
74	70	74+6	71 (66+5)	69	67

(c) Detail of Foreign Students, if any, admitted in the Department:

Sr. No.	Name of Programme	No. of students Admitted	Name of Country
	B. Pharmacy	00	

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
38	05	12	10

List of ongoing PhD scholars of Department of Pharmaceutical Sciences

S. No.	Regn. no.	Candidate	Supervisor	Co-supervisor
1	15129003	Vinesh Dahiya	Prof. Neeru Vasudeva	Prof. Sunil Sharma
2	15129006	Nidhi	Prof. Sunil Sharma	
3	15129017	Harish Kumar	Prof. Sunil Sharma	Prof. Neeru Vasudeva
4	16129004	Bhupinder Bhyan	Prof. D.C. Bhatt	
5	16129005	Sandeep Rathor	Prof. D.C. Bhatt	
6	16129007	Sheikh Aamir	Prof. D.C. Bhatt	
7	16129009	Jitender Mor	Prof. D.C. Bhatt	
8	16129010	Sunil Shukla	Prof. Sunil Sharma	Prof. Neeru Vasudeva

9	16129011	Sudha	Prof. Dinesh Dhingra	
10	17129002	Shalini Yadav	Prof. Sunil Sharma	
11	17129003	Rameshwar Dass	Dr. Meenakshi Bhatia	
12	17129004	Pooja	Dr. Rekha Rao	
13	17129007	Manisha	Dr. Ashwani Kumar	
14	180120090001	Padmnabh	Prof. D C Bhatt	
15	180120190001	Kiran Bagri	Dr. Ashwani Kumar	
16	190120290001	Pooja Rani	Dr. Meenakshi Bhatia	
17	190120290002	Pooja Kumari	Prof. Munish Ahuja	Dr. Viney Kant
18	190120290003	Rimpy	Prof. Munish Ahuja	
19	190120290004	Raghuvir Singh	Dr. Rekha Rao	
20	190120290005	Sunidhi	Dr. Meenakshi Bhatia	
21	190120290006	Varsha	Dr. Rekha Rao	
22	190120290007	Priyanka	Dr. Rekha Rao	
23	190120190001	Arti	Dr. Ashwani Kumar	
24	190120290003	Mithlesh Yadav	Dr. Archana Kapoor	
25	190120390001	Kulwant Singh	Prof. Dinesh Dhingra	
26	190120490002	Savina	Prof. Sumitra Singh	
27	190120190102	Bhawna	Dr. Sunil Kumar	Dr. Ashwani Kumar
28	190120290101	Rashmi	Prof. Munish Ahuja	
29	190120390101	Manisha	Prof. Sunil Sharma	Prof. Neeru Vasudeva
30	190120390102	Hemlata	Prof. Sunil Sharma	Prof. Neeru Vasudeva
31	190120390103	Prity	Prof. Dinesh Dhingra	
32	190120390104	Pinki	Prof. Sunil Sharma	Prof. Neeru Vasudeva
33	200120290101	Sonika Rani Jangra	Prof. D. C. Bhatt	
34	210120190101	Bharti	Dr. Archana Kapoor	
35	210120190102	Alka Yadav	Dr. Vikramjeet Singh	
36	210120190103	Rekha Tanwar	Prof. Sandeep Jain	Dr. Vikramjeet Singh
37	210120190104	Bhupender	Dr. Manoj Kumar	Dr. Pooja Chawla
38	210120490101	Diksha Kataria	Prof. Sumitra Singh	

(IX) Sponsored Research/ Consultancy Projects:

(a.)

Total no. of Projects in Progress during the academic current year	Total No. of Projects awarded during the academic current year	Total No. of Projects Completed during the academic current year
01	01	00

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award
Design and development of electrospun fibers formulation for drug delivery applications	Prof. Munish Ahuja (PI) And Dr. Vikramjeet Singh (Co-PI)	In progress	Research	March 2023
	TOTAL	01		

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
03	45	01	46	-	-

(XI) Faculty wise detail of publication during the academic year:**a) Books/Book Chapters/ Monograph etc.****Prof. Munish Ahuja**

Authors	Title	Year of publication	Type of books(Text/Reference/ Report)	Publishers
Rimpy, Rashmi Munish Ahuja	Xanthan Gum in Drug Carriers, in Polysaccharide-based Biomaterials: Delivery of Therapeutics and Biomedical Applications	2023	Reference	Royal Society of Chemistry, London, UK

Prof. Ashwani Kumar

Authors	Title	Year of publication	Type of books(Text/Reference/Report)	Publishers
Kiran Bagri, Ashwani Kumar, Parvin Kumar, Archana Kapoor, Vikas Verma	Computational Methods for the Design and Development of Glutaminyl Cyclase Inhibitors in Alzheimer's Disease	2023	Reference	Springer US

Kumar, Parvin; Kumar, Ashwani	CORAL: Predictions of Quality of Rice Based on Retention Index Using a Combination of Correlation Intensity Index and Consensus Modelling	2023	Reference	
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b) Research Papers/ Articles in Journals

Prof. Neeru Vasudeva

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Manisha, Neeru Vasudeva, Sunil Sharma	2023	Possible Treatment for Traumatic Brain Injury induced Multi-Organ Dysfunction Syndrome through Plants.	CNS & Neurological Disorders Drug Targets	Bentham Sciences	22: 9	1313-1334	Yes	3
Hemlata, Neeru Vasudeva, Sunil Sharma	2023	Possible Mechanism and Pharmacological Activities of a Flavolignan Silibinin	Current Bioactive Compounds	Bentham Sciences	19: 7	1-16	Yes	0.21
Hemlata, Neeru Vasudeva, Sunil Sharma	2023	Phytochemistry and Pharmacological Aspects of Apigenin: A Review	The Natural Products Journal.	Bentham Sciences	13: 4	1-19	Yes	0.86
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar.	2022	Pharmacognostical, Phytochemical, In-vitro Anti-obesity Studies, and Toxicity Analysis of Momordica charantia Linnaeus Fruits from Haryana.	Current Functional Foods.	Bentham Sciences	1:2	1-11	Yes	
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar.	2022	Reversing the Weight Gained by Hypothyroid Mice using Momordica charantia Aqueous Extract.2	Azerbaijan Medical Journal	-	62(9)	5085-5092	Yes	0.18
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar.	2022	Recording the Body Weight Alterations in Hypothyroid Obese Mice Following Treatment with Alcoholic Extract of Citrullus Colocynthis.	Journal of Pharmaceutical Negative Results.	-	13: 9	2405-2411	Yes	0.12

Prof. Sumitra Singh

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Singh, S., Sindhu, R.K., Alsayegh, A.A., Batiha, G.E.S., Alotaibi, S.S., Albogami, S.M. and Conte-Junior, C.A.	2023	Formulation Development and Investigations on Therapeutic Potential of Nanogel from Beta vulgaris L. Extract in Testosterone-Induced Alopecia	BioMed Research International	Hindawi	2023	1-17	Yes	3.2
Sonia, S.S.	2022	Tribulus terrestris L. fruits: An extensive Pharmacognostical and Phytochemical Quality Assessment using UV-spectrophotometer.	Research Journal of Pharmacy and Technology		15 (12)	5431-5435	Yes	-

Prof. Sunil Sharma

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Nidhi Khatri , Sunil Sharma	2023	The Neuroprotective Approach of Amide Analogue of Kynurenic Acid at Mid-Early Stages of Traumatic Brain Injury: A pre-clinical study in mice.	Eur. Chem. Bull.	-	12(4)	13704-13724	Yes	-
Manisha, Neeru Vasudeva, Sunil Sharma	2023	Possible Treatment for Traumatic Brain Injury induced Multi-Organ Dysfunction Syndrome through Plants.	CNS & Neurological Disorders Drug Targets	Bentham Sciences	22:9	1313-1334	Yes	3
Hemlata, Neeru Vasudeva, Sunil Sharma	2023	Possible Mechanism and Pharmacological Activities of a Flavolignan Silibinin	Current Bioactive Compounds	Bentham Sciences	19:7	1-16	Yes	0.21
Hemlata, Neeru Vasudeva, Sunil Sharma	2023	Phytochemistry and Pharmacological Aspects of Apigenin: A Review	The Natural Products Journal.	Bentham Sciences	13:4	1-19	Yes	0.86
Vinesh Dahiya, Neeru	2022	Pharmacognostical, Phytochemical, In-vitro Anti-obesity	Current Functional Foods.	Bentham Sciences	1:2	1-11	Yes	

Vasudeva, Sunil Sharma, Ashok Kumar.		Studies, and Toxicity Analysis of Momordica charantia Linnaeus Fruits from Haryana.						
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar.	2022	Reversing the Weight Gained by Hypothyroid Mice using Momordica charantia Aqueous Extract.2	Azerbaijan Medical Journal	-	62(9)	5085-5092	Yes	0.18
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar.	2022	Recording the Body Weight Alterations in Hypothyroid Obese Mice Following Treatment with Alcoholic Extract of Citrullus Colocynthis.	Journal of Pharmaceutical Negative Results.	-	13:9	2405-2411	Yes	0.12
Nidhi Khatri, Sunil Sharma.	2022	Kynurenic Acid Amide Analogue hinders Secondary Consequences at Early Stage in Traumatic Brain Injury In Mice.	Chinese Journal of Medical Genetics.	-	31:3	1339-1359	Yes	0.12

Prof. Dinesh Dhingra

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Jyoti Bakshi, Meenakshi Mehra, Sapna Grewal, <u>Dinesh Dhingra</u> , Santosh Kumari.	2023	Berberine Loaded Tragacanth-Acacia Gum Nanocomplexes: Synthesis, Characterization and Evaluation of In Vitro Anti-inflammatory and Antioxidant Activity	Journal of Cluster Science	Springer	34 (2)	747-760	Yes	2.8

Prof. Munish Ahuja

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Kaushik, A., Yadav, S., Mudgal, P., Pahwa, R., Kumar, T., Ahuja, M.	2023	Propyl modification of <i>Moringa</i> gum for drug delivery applications	<i>Polym. Bull.</i>	Springer	-	1-28	Yes	2.843
M Bernela, P Kaushal, N Verma, R Thakur, M Ahuja, P Kaur	2023	Anti-Inflammatory Therapeutics: Conventional Concepts and Future with Nanotechnology	<i>Recent Advances in Inflammation & Allergy</i>	Bentham Science	17:1	7-19	Yes	

			<i>Drug Discovery</i>					
Pahwa, R., Ahuja, M.	2023	Design and Development of Fluconazole-Loaded Nanocellulose-Eudragit Vaginal Drug Delivery System.	<i>J Pharm Innov</i>	Springer		1-19	Yes	2.538
Pahwa, R., Ahuja, M.	2023	Nanocellulose-gellan cross-linked scaffolds for vaginal delivery of fluconazole	<i>International Journal of Biological Macromolecules</i>	Elsevier	229	668-683	Yes	8.025

Prof. Sandeep Jain

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Sandeep Jain, Shilpi Chauhan, Shilpy Aggarwal, Deepika Saini	2023	Novel hybrids of quinoline with pyrazolylchalcones as potential antimalarial agents: Synthesis, biological evaluation, molecular docking and ADME prediction	Chemico-Biological Interactions	Science Direct	373	110379	Yes	5.19
Navidha Aggarwal, Sandeep Jain, Neetu Chopra	2022	Hybrids of Thiazolidin-4-Ones and 1,3,4-Thiadiazole: Synthesis and Biological Screening of A Potential New Class of Acetylcholinesterase Inhibitors	Biointerface Research in Applied Chemistry	-	12:3	2800-2812	Yes	-

Prof. Sunil Kumar

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Bhawna, Ashwani Kumar, Meenakshi Bhatia, Archana Kapoor, Parvin	2022	Monoamine oxidase inhibitors: A concise review with special emphasis on structure activity relationship studies	European Journal of Medicinal Chemistry	Elsevier	-	242	Yes	6.7

Kumar. Sunil Kumar								
Sunil Kumar , Sandeep Jain	2022	Anti-inflammatory and Analgesic Studies of 2-aryl-3-(5-alkyl-1, 3, 4-thiadiazol-2-yl) 4-thiazolidinones	Research J. Pharm. and Tech.		15:12	5555-5558	Yes	
Parvin Kumar, Sunil Kumar , Ashwani Kumar	2022	Creation of Quantitative Feature Toxicity Relationship Models for Cytotoxicity of Cadmium Containing Quantum Dots Towards HEK Cells Using QuasiSMILES	International Journal of Quantitative Structure-Property Relationships		7:1	1-20	No	
Ayushi Singh, Sunil Kumar , Archana Kapoor, Parvin Kumar & Ashwani Kumar	2022	Development of reliable quantitative structure-toxicity relationship models for prediction of benzene derivatives using semiempirical descriptors, Toxicology Mechanisms and Methods	Toxicology Mechanisms and Methods	Taylor and Francis online	33:3	222-232	Yes	3.2
Shikha Kamboj, Samridhi Thakral, Sunil Kumar , and Vikramjeet Singh	2023	Synthesis, Biological Evaluation and In Silico Studies of 3-Hydroxy-N-(2-(substituted phenyl)-4-oxothiazolidin-3-yl)-2-naphthamide Derivatives	Chem. Biodiversity	Wiley online library	20:6	e202200976	Yes	2.9

Prof. Meenakshi Bhatia

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Verma, R., Mittal, V., Pandey, P., Bhatia, S., Bhatia, M., Karavasili, C., & Kaushik, D.	2023	Exploring the role of self-nanoemulsifying systems in drug delivery: challenges, issues, applications and recent advances.	Current Drug Delivery,	Bentham	20(9)	1241-61	Yes	3.758
Bhawna , Ashwani Kumar , Meenakshi Bhatia , Archana Kapoor,	Aug 2022	Monoamine oxidase inhibitors: A concise review with special emphasis on structure	European Journal of Medicinal Chemistry	Elsevier	242	114655	Yes	7

Parvin Kumar , Sunil Kumar		activity relationship studies						
Laxmi Deswa Vikas Verma, Devinder Kumar, Yogesh Deswal · Ashwani Kumar · Rajnish Kumar · Mahavir Parshad · Meenakshi Bhatia	Aug 2022	Synthesis, antimicrobial and α -glucosidase inhibition of new benzimidazole-1,2,3-triazole-indoline derivatives: a combined experimental and computational venture	Chemical Papers	Springer	https://doi.org/10.1007/s11696-022-02436-1		Yes	2.146

Prof. Ashwani Kumar

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus	Impact factor
							(Yes/No)	
Singh, Ayushi; Kumar, Sunil; Kapoor, Archana; Kumar, Parvin; Kumar, Ashwani;	2022	Development of reliable quantitative structure-toxicity relationship models for toxicity prediction of benzene derivatives using semiempirical descriptors	Toxicology Mechanisms and Methods	Taylor and Francis	33/3	222-232	Yes	3.2
Kumar, Ashwani; Bhatia, Meenakshi; Kapoor, Archana; Kumar, Parvin; Kumar, Sunil;	2022	Monoamine oxidase inhibitors: A concise review with special emphasis on structure activity relationship studies	European Journal of Medicinal Chemistry	Elsevier	242	114655	Yes	6.7
Deswal, Laxmi; Verma, Vikas; Kumar, Devinder; Deswal, Yogesh; Kumar, Ashwani; Kumar, Rajnish; Parshad, Mahavir;	2022	Synthesis, antimicrobial and α -glucosidase inhibition of new benzimidazole-1, 2, 3-triazole-indoline derivatives: a combined experimental and computational	Chemical Papers	Springer	76	7607–7622	Yes	2.2

Bhatia, Meenakshi;		venture						
Kumar, Parvin; Singh, Rahul; Kumar, Ashwani; Toropova, Alla P; Toropov, Andrey A; Devi, Meena; Lal, Sohan; Sindhu, Jayant; Singh, Devender;	2022	Identifications of good and bad structural fragments of hydrazone/2, 5-disubstituted-1, 3, 4-oxadiazole hybrids with correlation intensity index and consensus modelling using Monte Carlo based QSAR studies, their molecular docking and ADME analysis	SAR and QSAR in Environmental Research	Taylor and Francis	33	677-700	Yes	3
Yadav, Priyanka; Kaushik, CP; Kumar, Ashwani;	2022	Synthesis and antimicrobial activity of piperazine containing substituted 1, 2, 3-triazoles with amide linkage	Synthetic Communications	Taylor and Francis	52	2149-2162	Yes	2.1
Deswal, Laxmi; Verma, Vikas; Kirar, Jagat Singh; Kumar, Devinder; Deswal, Yogesh; Kumar, Ashwani; Bhatia, Meenakshi;	2023	Benzimidazole-1, 2, 3-triazole-piperazine hybrids: design, synthesis, antidiabetic evaluation and molecular modelling studies	Research on Chemical Intermediates	Springer	49	1059–1083	Yes	3.3
Duhan, Meenakshi; Singh, Rahul; Devi, Meena; Sindhu, Jayant; Kumar, Parvin; Kumar, Sudhir; Kataria, Ramesh; Kumar, Ashwani; Lal, Sohan; Singh, Devender	2023	Thiazolidin-2, 4-dione framework containing spiropyrrolidine-oxindole and 1, 2, 3-triazole scaffold: Synthesis, in vitro α -amylase inhibition and insilico studies	New Journal of Chemistry	RSC	47	5399-5412	Yes	3.3

Singh, Rahul; Kumar, Parvin; Sindhu, Jayant; Devi, Meena; Kumar, Ashwani; Lal, Sohan; Singh, Devender	2023	Parsing structural fragments of thiazolidin-4-one based α -amylase inhibitors: A combined approach employing in vitro colorimetric screening and GA-MLR based QSAR modelling supported by molecular docking, molecular dynamics simulation and ADMET studies	Computers in Biology and Medicine	elsevier	157	106776	Yes	7.7
Singh, Rahul; Kumar, Parvin; Devi, Meena; Sindhu, Jayant; Kumar, Ashwani; Lal, Sohan; Singh, Devender; Kumar, Harish; Kumar, Sumit	2023	Urease Inhibition and Structure-Activity Relationship Study of Thiazolidinone-, Triazole-, and Benzothiazole-Based Heterocyclic Derivatives: A Focus Review	Chemistry Select	Wiley	8	e202300244	Yes	2.1
Chahal, Manisha; Kaushik, Chander Prakash; Luxmi, Raj; Kumar, Devinder; Kumar, Ashwani;	2023	Synthesis, antimicrobial, and antioxidant activities of disubstituted 1, 2, 3-triazoles with amide-hydroxyl functionality	Medicinal Chemistry Research	Springer	32	85-98	Yes	2.6
Bagri, K; Kapoor, A; Kumar, P; Kumar, A	2023	Hybrid descriptors–conjoint indices: a case study on imidazole-thiourea containing glutaminy cyclase inhibitors for	SAR and QSAR in Environmental Research	Taylor and Francis Online	34	361-381	Yes	3

		design of novel anti-Alzheimer's candidates						
Kumar, Naresh; Asija, Sonika; Deswal, Yogesh; Saroya, Sonia; Kumar, Ashwani	2022	Development of new tridentate ligands bearing hydrazone motif and their diorganotin (IV) complexes: Synthesis, spectral, antimicrobial and molecular docking studies	Research on Chemical Intermediates	Springer	48	5133-5154	Yes	3.3
Barwa, Pinki; Asija, Sonika; Deswal, Yogesh; Kumar, Naresh; Kumar, Ashwani; Devi, Jai	2023	New pentacoordinated diorganotin (IV) complexes of o-aminophenol based Schiff base ligands: Synthesis, characterization, antioxidant, antimicrobial and molecular docking studies	Research on Chemical Intermediates	Springer	49	3411–3440	Yes	3.3

Dr. Vikramjeet Singh

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Manoj Kumar, Vijay Kumar, Vikramjeet Singh and Samridhi Thakral	2023	Synthesis, in silico studies and biological screening of (E)-2-(3-(substitutedstyryl)-5-(substitutedphenyl)-4,5-dihydropyrazol-1-yl) benzo[d]thiazole derivatives as an anti-oxidant, anti-inflammatory and antimicrobial agents	BMC Chemistry	Springer Nature	16	103	Yes	4.095
Nisha Kamra, Suman Rani, Sumit Thakral, Ajeet Singh, Pyare Lal Sangwan,	2022	Synthesis, biological activity and molecular docking studies of heterocyclic chalcones	Chemistry & Biodiversity	Wiley	19	e202200560	Yes	2.745

Sashank K. Singh, Samridhi Thakral, Vikramjeet Singh , and Devinder Kumar								
Devinder Kumar, Sumit Thakral, Samridhi Thakral, Vikramjeet Singh , A. Muni Nagesh, Sneha Verma, Deepak Pandey	2022	Synthesis and biological evaluation of 2-(halophenyl) benzoxazole-5-carboxylic acids as potential anti-inflammatory and cytotoxic agent with molecular docking studies	Chemistry & Biodiversity	Wiley	19	e202200489	Yes	2.745

Dr. Rekha Rao

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Anroop B. Nair, Pooja Dalal, Varsha Kadian, Sunil Kumar, Archana Kapoor, Minakshi Garg, Rekha Rao, Bandar Aldhubia b, Nagaraja Sreeharsha, Rashed M. Almuqbil, Mahesh Attimara d, Heba S. Elsewedy and Pottathil Shinu	2022	Formulation, Characterization, Anti-Inflammatory and Cytotoxicity Study of Sesamol-Laden Nanosponges	Nano-materials	MDPI	12(23)	4211	Yes	3

Varsha Kadian, Pooja Dalal, Sunil Kumar, Archana Kapoor & Rekha Rao	2023	Comparative evaluation of dithranol-loaded nanosponges fabricated by solvent evaporation technique and melt method	Future Journal of Pharmaceutical Sciences	SPRINGER	9(1)	1-15	Yes	2
Anroop B. Nair, Pooja Dalal, Varsha Kadian, Sunil Kumar, Minakshi Garg, Rekha Rao, Rashed M. Almuqbil, Ahmed S. Alnaim, Bandar Aldhubiab and Fatemah Alqattan	2023	Formulation Strategies for Enhancing Pharmaceutical and Nutraceutical Potential of Sesamol: A Natural Phenolic Bioactive	Plants	MDPI	2(5)	1168	Yes	2
Hawra Mohammed Alhelal, Sidharth Mehta, Varsha Kadian, Vandita Kakkar, Himanshi Tanwar, Rekha Rao, Bandar Aldhubiab, Nagaraja Sreeharsha, Pottathil Shinu and Anroop B. Nair	2023	Solid Lipid Nanoparticles Embedded Hydrogels as a Promising Carrier for Retarding Irritation of Leflunomide	Gels	MDPI	9(7)	576	Yes	
Pooja Dalal, Rekha	2023	β -Cyclodextrin nanosponges for enhanced anti-	Results in Chemistry	Science Direct		101006	Yes	1

Rao		melanoma potential of silymarin with functions of anti-oxidant, anti-inflammatory and anti-tyrosinase						
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Dr. Manoj Kumar

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Manoj Kumar, Vijay Kumar, Vikramjeet Singh and Samridhi Thakral	2023	Synthesis, in silico studies and biological screening of (E)-2-(3-(substitutedstyryl)-5-(substitutedphenyl)-4,5-dihydropyrazol-1-yl) benzo[d]thiazole derivatives as an anti-oxidant, anti-inflammatory and antimicrobial agents	BMC Chemistry	Springer Nature	16	103	Yes	4.095

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:**(a) Total Number of Seminars/ Conferences attended by faculty and papers presented**

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor,	2					
Associate Professor						
Assistant Professor	1				2	

Name of the Faculty		Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE / Univ./etc.
Prof. Dinesh Dhingra	Chairman in the Scientific Session in International	Innovations and Technology Transforming Pharmaceutical	Dept. of Pharmaceutical Sciences, M.D. University	Rohtak (Haryana)	25-26 April, 2023	University

	Conference	Education and Research				
Dr. Rekha Rao	-	Innovations and Technology Transforming Pharmaceutical Education and Research	Dept. of Pharmaceutical Sciences, M.D. University	Rohtak (Haryana)	25-26 April, 2023	University

(b)International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE / Univ./etc.

(c)National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Vikram jeet Singh	3-Hydroxy-2-naphthoic acid derivatives and their biological potential	National Conference (SPARK-2022)	Guru Gobind Singh College of Pharmacy	Yamuna Nagar, Haryana	25 th & 26 th November 2022	-----
Vikram jeet Singh	Chemical constituents of Triphala for the treatment of Alzheimer's disease: A review	Innovations and Technology Transforming Pharmaceutical Education and Research	Department of Pharmaceutical Sciences, Maharshi Dayanand University	Rohtak	25 th - 26 th April 2023	-----

(d)Regional/ State Level Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.

(e)Refresher Courses/ Orientation Courses:

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Dr. Vikram	Inculcating	AICTE, New		GJUST	8 th to 12 th May 2023

Jeet Singh	Universal Human Values in Technical Education (Online)	Delhi		Hisar Online	
Dr. Vikram Jeet Singh	Machine Learning for Internet of Things (Online)	Department of Emerging Technology GJUST, Hisar		GJUST Hisar Online	15 th to 20 th May 2023
Dr. Rekha Rao	Inculcating Universal Human Values in Technical Education (Online)	AICTE, New Delhi		GJUST Hisar Online	8 th to 12 th May 2023
Dr. Rekha Rao	Machine Learning for Internet of Things (Online)	Department of Emerging Technology GJUST, Hisar		GJUST Hisar Online	15 th to 20 th May 2023
Dr. Manoj Kumar	Inculcating Universal Human Values in Technical Education (Online)	AICTE, New Delhi		GJUST Hisar Online	8 th to 12 th May 2023
Dr. Manoj Kumar	Machine Learning for Internet of Things (Online)	Department of Emerging Technology GJUST, Hisar		GJUST Hisar Online	15 th to 20 th May 2023

(f) National/International Webinars Attended

Name of Faculty	Title of Webinar	Host organization	Dates/Duration
-	-	-	-
-	-	-	-

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- i) **Refresher Course** : 06
- ii) **Orientation Course** : 00
- iii) **Webinar** : 00
- iv) **Total** : 06

**(XIII) Association with National and State Level Bodies
(Give Faculty-wise details):**

i) Membership of Professional Bodies:

Prof. Dinesh Dhingra: Life member of Indian Pharmacological Society, Association of Pharmaceutical Teachers of India, Panjab University Pharmaceutical Society

Prof. Sunil Sharma

Life member of Indian Pharmacological Society, Society of Pharmacovigilance, Indian Hospital Pharmacists Association (IHPA)

Prof. Munish Ahuja

Life Member of The Indian Pharmaceutical Association (IPA), Indian Hospital Pharmacists Association (IHPA), Indian Pharmacy Graduate Association (IPGA), Society of Pharmacovigilance India (SOPi)

Prof. Dinesh Dhingra

Life member of Indian Pharmacological Society, APTI, Panjab University Alumni Association.

Prof. Ashwani Kumar

Life member of IPGA

Dr. Vikram Jeet Singh

Life Member of The Association of Pharmaceutical Teachers of India (APTI No. HA/LM-222), Indian Hospital Pharmacists Association (IHPA).

ii) Member of Expert Committees:

Prof. Dinesh Dhingra: Nominee of CCSEA (Committee for Control and Supervision of Experiments on Animals) on IAEC of four institutes [Nominated by CCSEA, Ministry of Fisheries, Animal Husbandry and Dairying, Govt. of India, New Delhi]

Inspector nominated by Pharmacy Council of India, New Delhi.

iii) Member of Academic Bodies of other institutions:

Prof. Dinesh Dhingra: Member of Board of Studies, Dept. of Pharmacology, Central University of Punjab, Bathinda.

iv) Any Other

(XIV) Detail of Consultancy Project/ Work in Department:

Name of Faculty	Title of the project /work	Name of Agency	Total Amount

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail)

Type	Name of Faculty	Topic/ Subject	Institution	Dates
Invited talk	Prof. Munish Ahuja	Significance and Theory of Dissolution Testing & Dissolution and	Lloyd Institute of Management and Technology, Greater Noida	28 th June, 2022

	Prof. Dinesh Dhingra	Drug Release testing Apparatus Ethical aspects, Handling and care of small laboratory animals	from Dept. of Pharmaceutical Sciences, Central University of Haryana, Mahendergarh	21-2-2023
Extension lectures	-	-	-	-
Any other	-	-	-	-

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Teacher	Additional Positions	Duration	
			From	To
1	Prof. Sumitra Singh	Dean Faculty of medical Sciences	April, 2023	Continuing
		Chairperson Department of Pharmaceutical Sciences	September, 2021	
		Member, Academic Council	February, 2022	
		Member, Elective Council		
2	Prof. D.C. Bhatt	Chief Vigilance Officer	July, 2016	Continuing
		Member of University Court	July, 2021	
		EC member		
		IQAC member		
		AC member		
		Member of court		
4	Prof. Dinesh Dhingra	Director, Experimental Animal Facility, GJUS&T, Hisar	July, 2016	Continuing
5	Prof. Munish Ahuja	Member, medical committee	March, 2022	Continuing
6	Dr. Archana Kapoor	Member of Academic council		Continuing
7	Dr. Meenakshi Bhatia	Deputy Chief Warden, Coordinator, Working Women Hostel	July, 2021	Upto January 2023
		NCC Incharge (Girls Battalion)	January, 2017	Continuing
		Coordinator WWH	January, 2016	
8	Dr. Ashwani Kumar	NSS Program Coordinator	June 2022	Continuing
		ICC member	17January,2022	
9	Dr. Vikram Jeet Singh	Warden Boys Hostel -IV	April, 2016	Continuing
		NSS Program Officer	September,2018	
		Member of OBC and minority cell	September,2021	
10	Dr. Manoj Kumar	Warden Boys Hostel -III	November,2014	April 2023
		Nodal officer, Driving License	July, 2019	Continuing

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training	-	-
Placement	15	10

- **Note:- Please attach a list of companies alongwith number of students for training and placement with dates, etc..**

Sr no	Roll no	Name of student	Placement
1	190121250008	Nikhil kumar	Ind swift (QC Department)
2	190121250031	Punit	Marketing associate (Mankind)
3	190121250052	Deepak Patel	Unichem labs (Noida)
4	190121250057	Chanchal	Pharmacist, Sukhda hospital ,Hisar
5	190121250063	Deepak	Marketing associate (Mankind Pharma), Rohtak
6	190121250064	Sahil Saini	Marketing associate (FDC), Rohtak
7	190121250065	Vikas Kumar	Marketing associate (FDC), Rohtak
8	190121250067	Avinash Mehta	Marketing associate (LUPIN)
09	190121259002	Keshav	Marketing associate (Aristo Pharmaceutical)
10	210121210017	Sarvan Kumar	BMU (Teacher)
11	210121210019	Pushpender	Unichem (QA)
12	210121220005	Vivesh Kumar	Unichem (QA)
13	210121220007	Kapil	Lingaas University (Teacher)
14	210121220013	Gaurav Sain	Paraxel(Pharmacovigilance) Mohali
15	210121230008	Naveen Kumar	Bs Anangpuria College (Teacher)

**(XVIII) Detail of Academic activities/Professional Activities/ Programmes
Organized in Department during the year:**

i Seminar/Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/International	Number of participants	Dates/ Duration
-	-	-	-
-	-	-	-

ii. Extension lecture:

Topic	Resource Person	Number of Participants	Dates
-	-	-	-
-	-	-	-

iii. Students tour

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge

iv. Industry interaction programmes :

Name of the Event	Name of the Industry	Name of the Participants	Dates/ Duration
-	-	-	-
-	-	-	-

(XIX) Awards/ Honours received by Faculty

Name of the Teacher	Title of the Award	Name of the Awarding Agency	National / International	Date Conferred
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

(XX) Any other important Information/ Achievement of the Department:

NIRF Ranking: Ranked 49th in Pharmacy Category

Patent Granted:

Dr. Rekha Rao, Sharma Ruchi, Kumar Sunil, Method of synthesis of essential oil based topical mosquito repellent composition.

Application no. 201811001973

Patent no. 396627

Year of Grant: 2022

Signature of the Chairperson

ANNEXURE**DEPARTMENT OF PHARMACEUTICAL SCIENCES****Summary of Research Publications:**

Total Books Published	Books published with International publisher	Books published with National publisher	-
03	03	-	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
46	01	45	08
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
-	-	-	
Total number of funded research projects	Completed	Ongoing	-
01	-	01	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
5	12	10	-

Signature of the Chairperson

ANNEXURE**DEPARTMENT OF PHARMACEUTICAL SCIENCES**

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

Signature of the Chairperson