

ANNUAL REPORT- 2023-24 (01.07.2023 TO 30.06.2024)**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 enrust 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.

(IV) Programme (s) offered in the department

| Programme (s) | Sanctioned intake | Present strength(total) |
|----------------------|---|--------------------------------|
| Ph.D. | | |
| P.G | 45+45 | 42+41 |
| U.G | 74 each year + 6 LEET each year from 2nd year onwards + left over seats B. pharm. 1st year | 289 |
| 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 | 11 | 00 | - |

List of Teaching Staff

| S. No. | Name | Designation | Qualification | Teaching Experience (years) |
|--------|-------------------------|-----------------------------------|---------------|-----------------------------|
| 1. | Dr D.C. Bhatt | Professor | M Pharm, PhD | 34 |
| 2. | Dr Sumitra Singh | Professor & Dean | M Pharm, PhD | 26 |
| 3. | Dr Sunil Sharma | Professor & Chairperson | M Pharm, PhD | 27 |
| 4. | Dr Dinesh Dhingra | Professor | M Pharm, PhD | 30 |
| 5. | Dr Munish Ahuja | Professor | M Pharm, PhD | 27 |
| 6. | Dr Sandeep Jain | Professor | M Pharm, PhD | 28 |
| 7. | Dr Archana Kapoor | Professor | M Pharm, PhD | 17 |
| 8. | Dr Ashwani Kumar | Professor | M Pharm, PhD | 17 |
| 9. | Dr Sunil Kumar | Professor | M Pharm, PhD | 17 |
| 10. | Dr Meenakshi Bhatia | Professor | M Pharm, PhD | 17 |
| 11. | Dr Rekha Rao | Assistant Professor | M Pharm, PhD | 17 |
| 12. | Dr Vikramjeet Singh | Assistant Professor | M Pharm, PhD | 13 |
| 13. | Dr Manoj Kumar | Assistant Professor | M Pharm, PhD | 10 |
| 14. | Dr. Kavita | Assistant Professor | M Pharm, PhD | 09 |
| 15. | Dr. Naresh Kumar | Assistant Professor (On contract) | M Pharm, PhD | 15 |
| 16. | Dr. Ravi | Assistant Professor (On contract) | M Pharm, PhD | 10 |
| 17. | Dr. Deepak Kumar Jindal | Assistant Professor (On contract) | M Pharm, PhD | 11 |
| 18. | Ms. Himanshi | Assistant Professor (On contract) | M Pharm | 09 |
| 19. | Dr. Sonali Batra | Assistant Professor (On contract) | M Pharm, PhD | 06 |
| 20. | Dr. Samridhi | Assistant Professor (On contract) | M Pharm, PhD | 06 |

(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 | 42 | 41 |

(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 through LEET</i> | <i>Students Present</i> | <i>Students Present</i> | <i>Students Present</i> |
| 74 | 69 | 74+6 | 78 | 71 | 71 |

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

| Sr. No. | Name of Programme | No. of students Admitted | Name of Country |
|----------------|--------------------------|---------------------------------|------------------------|
| - | - | - | - |

(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 |
|------------------------------------|-----------------------------------|---|---------------------------------------|
| 22 | 3 | 5 | 6 |

List of ongoing PhD scholars of Department of Pharmaceutical Sciences

| S. No. | Regn. no. | Candidate | Supervisor | Co-supervisor |
|---------------|------------------|------------------|----------------------|----------------------|
| 1 | 17129001 | ShaliniYadav | Prof. Sunil Sharma | |
| 2 | 180120090001 | Padmnabh | Prof. D C Bhatt | |
| 3 | 190120290002 | Pooja Kumari | Prof. MunishAhuja | Dr.Viney Kant |
| 4 | 190120290101 | Rashmi | Prof. MunishAhuja | |
| 5 | 190120290005 | Sunidhi | Dr.Meenakshi Bhatia | |
| 6 | 190120390001 | Kulwant Singh | Prof. Dinesh Dhingra | |
| 7 | 190120190102 | Bhawna | Dr. Sunil Kumar/ | Dr. Ashwani Kumar |
| 8 | 190120390101 | Manisha | Prof. Sunil Sharma/ | Prof. NeeruVasudeva |
| 9 | 190120390102 | Hemlata | Prof. Sunil Sharma/ | Prof. NeeruVasudeva |

| | | | | |
|----|--------------|--------------------|----------------------|----------------------|
| 10 | 190120390103 | Prity | Prof. Dinesh Dhingra | |
| 11 | 190120390104 | Pinki | Prof. Sunil Sharma/ | Prof. Neeru Vasudeva |
| 12 | 200120290101 | Sonika Rani Jangra | Prof. D. C. Bhatt | |
| 13 | 210120190101 | Bharti | Dr. Archana Kapoor | |
| 14 | 210120190102 | Alka Yadav | Dr. Vikramjeet Singh | |
| 15 | 210120190103 | Rekha Tanwar | Prof. Sandeep Jain | Dr. Vikramjeet Singh |
| 16 | 210120190104 | Bhupender | Dr. Manoj Kumar/ | Dr. Pooja Chawla |
| 17 | 210120490101 | Diksha Kataria | Prof. Sumitra Singh | |
| 18 | 220120190101 | Poona Rani | Dr. Manoj Kumar | |
| 19 | 190120290004 | Raghuvir Singh | Dr. Rekha Rao | |
| 20 | 190120490002 | Savina | Prof. Sumitra Singh | |
| 21 | 190120190001 | Arti | Prof. Ashwani Kumar | |
| 22 | 190120190006 | Varsha | Dr. Rekha Rao | |

(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 |
|---|---|---|
| 02 | 02 | 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)/ Dr Vikramjeet Singh (Co-PI) | In Progress | Research | March 2023 |
| Development of hyphenated bioactive frameworks based on imidazole towards effective therapeutic agents | Prof. Vikas Verma (PI)/ Prof. Ashwani Kumar (Co-PI) | In Progress | Research | February 2024 |
| | TOTAL | 02 | | |

X) Number of Publications of Faculty (in Total)

| Books | Research papers | | Research paper | | Other Articles |
|--------------|------------------------|-----------------|-----------------------|---------------------|-----------------------|
| | SCI/Scopus | UGC Care | Refereed | Non refereed | |
| 04 | 57 | | 57 | | |

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

| Authors | Title | Year of publication | Type of books(Text/Ref erence/Report) | Publishers |
|---|--|----------------------------|--|----------------------|
| Sunil Sharma, Ramchander Khatri | Gut Dysbiosis: Root Cause and Health Impact. (Vol I), | 2024 | Reference | Weser Books, Germany |
| Perna Sharma, Sumeet Gupta, Hitesh Malhotra, Bhawna Chopra, Sunil Sharma, | Emerging Approaches to Tackel Neglected Diseases: From Molecule to End Product | 2024 | Reference | Bentham Science |

Prof. Munish Ahuja

| Authors | Title | Year of publication | Type of books(Text/ Reference/Report) | Publishers |
|--|--|----------------------------|--|-------------------|
| Rimpy Pahwa, Rashmi Sharma, Munish Ahuja | Chapter 22 - Gellan gum–based ocular formulations, | 2024 | Reference | Academic Press |
| Himanshi, Manu Sharma, | Role of nanotechnology in delivering phyto | 2024 | Reference | Nova Science |

| | | | | |
|---------------------------|---|--|--|--|
| Munish Ahuja, Ravi Berwal | herbals as targeted drug delivery systems | | | |
|---------------------------|---|--|--|--|

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 |
| Parvin Kumar, Ashwani Kumar | CORAL: Predictions of Quality of Rice Based on Retention Index Using a Combination of Correlation Intensity Index and Consensus Modelling | 2023 | reference | Springer |
| Rahul Singh, Parvin Kumar, Meena Devi, Ashwani Kumar, Ritu Langyan, Sohan Lal | Other medicinal applications | 2024 | | Elsevier |

Dr. Manoj Kumar

| Authors | Title | Year of publication | Type of books(Text/Reference/Report) | Publishers |
|---|--|---------------------|--------------------------------------|--------------------------------|
| Bhupender Nehra, Manoj Kumar, Sumitra Singh, Viney Chawla, Pooja A Chawla | Chapter 10- Synthesis of bioactive N, S-heterocycles under solvent-free conditions | 2023 | Reference | Walter de Gruyter GmbH & Co KG |

| | | | | |
|---|---|------|-----------|--------------------------------|
| Bhupender Nehra, Manoj Kumar, Pooja A Chawla, Viney Chawla | Chapter 13- Role of spectroscopy in drug discovery | 2024 | Reference | Walter de Gruyter GmbH & Co KG |
| Bhupender Nehra, Manoj Kumar, Pooja A Chawla, Viney Chawla, Monika, Honey Goel, Imtiyaz Ahmed Najar | Chapter 15- Developing safer therapeutic agents through toxicity prediction | 2024 | Reference | Walter de Gruyter GmbH & Co KG |
| Bhupender Nehra, Manoj Kumar, Pooja A Chawla, Viney Chawla, Sarita Pawar | Chapter 16- Identifying prominent molecular targets in the fight against drug resistance | 2024 | Reference | Walter de Gruyter GmbH & Co KG |
| Bhupender Nehra, Manoj Kumar, Pooja A Chawla, Viney Chawla | Chapter 17- Delivering cancer chemotherapeutics to the brain through novel drug delivery system | 2024 | Reference | Academic Press |

Dr Kavita

| Authors | Title | Year of publication | Type of books(Text/Reference/Report) | Publishers |
|---|---|----------------------------|---|--------------------|
| Dr. Kavita Bahmani, Dr. Neelam Pawar | Regulatory Aspects of Hebal & Biologicals | 2023 | Reference | Academic Publisher |
| Dr. Kavita Bahmani, Dr. Neelam Pawarm Ms. Aparajita Raina | Scale up and Technology Transfer in Pharmaceutical Industry | 2024 | Reference | Edsol Infomatics |

Dr. Ravi

| Authors | Title | Year of publication | Type of books(Text/ | Publishers |
|----------------|--------------|----------------------------|----------------------------|-------------------|
|----------------|--------------|----------------------------|----------------------------|-------------------|

| | | | Reference/Report) | |
|---|--|------|-----------------------|-----------------|
| Himanshi, Manu Sharma, Munish Ahuja, Ravi Berwal | Role of nanotechnology in delivering phyto herbals as targeted drug delivery systems | 2024 | Reference | Nova Science |

Ms. Himanshi

| Authors | Title | Year of publication | Type of books(Text/ Reference/Report) | Publisher s |
|---|--|------------------------|---|-----------------|
| Himanshi, Manu Sharma, Munish Ahuja, Ravi Berwal | Role of nanotechnology in delivering phyto herbals as targeted drug delivery systems | 2024 | Reference | Nova Science |

Dr. Sonali Batra

| Authors | Title | Year of publication | Type of books(Text/Ref erence/Report) | Publishers |
|---|------------------------------------|------------------------|---|------------|
| Sharma, S., Batra, S., Chauhan, M.K., Kumar, V. | Photothermal Therapy for Cancer | 2023 | Reference | Springer |

b)**Research Papers/ Articles in Journals****Prof. Sumitra Singh**

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol & No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|---|------|--|---------------------|------------|-----------------|---------------|----------------------------|------------------|
| Bhupender Nehra, Manoj Kumar, Sumitra | 2024 | Sojourn of Nitrogenous Heterocycles as Promising Antileishmani | Chemistry Africa | Springer | 7 | 3485- 3529 | Yes | 2.3 |

| | | | | | | | | |
|--|----------|--|-----------------------------------|--------------------|---|---|-----|-----|
| Singh, Viney Chawla, Pooja A. Chawla | | al Agents: Medicinal Perspectives and Structure–Acti vity Relationship Studies | | | | | | |
| Bhupende r Nehra, Manoj Kumar, Sumitra Singh, Viney Chawla, Pooja A. Chawla, Parul Grover | 202 4 | Recent Developments in the Antimicrobial Potential of Some Nitrogenous Heterocycles and their SAR Studies: A Review. | Current Medicinal Chemistry | Bentham Science | - | - | Yes | 3.5 |

Prof. Sunil Sharma

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol. & No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|---|----------|--|--------------------------|-----------------|------------|---------|---------------------|---------------|
| Shukla, Sunil, Sunil Sharma, Neeru Vasudeva, and Tanuj Hooda | 202 4 | "Danshensu Attenuates Diabetes Associated Cognitive Dysfunction by Markedly Reversing Oxidative Stress, A β and AChE Activity | Ind. J. Pharm. Edu. Res | APTI | 58:2 | 503-509 | Yes | - |
| Shukla, Sunil, Sunil Sharma, Neeru Vasudeva, and Tanuj Hooda | 202 4 | Ameliorative Effect of Cichoric Acid against Diabetes Associated Cognitive Decline with Emphasis on Neurobehavioral Activity, A β and AChE | Ind. J. Pharm. Edu. Res | APTI | 58:2 | 595-602 | Yes | - |
| Vinesh Dahiya, Neeru Vasudeva, Sunil | 202 4 | Administration of Citrullus colocynthis Linnaeus Extracts for the Treatment of | Current Functional Foods | Bentham Science | - | - | Yes | - |

| | | | | | | | | |
|---|------|---|--|-----------------|-------|-------------|-----|------|
| Sharma, Ashok Kumar | | Hypothyroid Obesity and Study of Thyroid Histology and Related Biochemical Indicators in Mice. | | | | | | |
| Ravi Berwal, Neeru Vasudeva, Sunil Sharma, Manisha, Amit Lather, Tanuj Hooda. | 2024 | Phyto-Chemical characterization of ethanol extract of <i>Acacia arabica</i> (Lam.) Willd root utilizing GC-MS | Bulletin of Environment, Pharmacology and Life Sciences. | - | 13:2 | 172-177 | Yes | - |
| 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. | Deuton-X Ltd | 12:4 | 13704-13724 | Yes | 3.71 |
| 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 Science | - | - | Yes | 3 |
| Hemlata, Neeru Vasudeva, Sunil Sharma | 2023 | Possible Mechanism and Pharmacological Activities of a Flavolignan Silibinin. | Current Bioactive Compounds | Bentham Science | 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 | | | | Yes | 0.86 |

Prof. Dinesh Dhingra

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol. & No. | Pages | SCI/Scopus (Yes/N) | Impact factor |
|---------|------|----------------|-----------------|------------|------------|-------|--------------------|---------------|
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|---|------|--|--|--------------------------|-------|------------|-----------|----------|
| Sudha Bansal, Dinesh Dhingra | 2023 | Behavioral, biochemical and histopathological evaluation of sinapic acid for antidepressant activity in normal mice and stressed mice. | Research Journal of Pharmacy and Technology | AV Publications , Raipur | 16(8) | 3569-3577 | Yes | --- |
| Jyoti Bakshi, Sapna Grewal, Dinesh Dhingra, Santosh Kumari. | 2023 | Improving the biological properties of berberine by using gellan and gum acacia as a potential delivery carrier. | Carbohydrate Polymer Technologies and Applications | Elsevier | 6 | 100347 | Yes | 6.2 |
| Meenakshi Mehra, Sapna Grewal, Dinesh Dhingra, Rajesh Thakur, Santosh Kumari. | 2023 | Synthesis and Optimization of Sodium Alginate-Tween 80 nanocarrier for Berberine delivery. | Journal of Advanced Zoology | | 44(2) | 4644-4654. | No | -- |
| Abhishek Sharma, Dinesh Dhingra , Rubina Bhutani , Amit Nayak and Adish Garg. | 2024 | Depression-reminiscent Behavior Induced by Chronic Unpredictable Mild Stress Paradigm in Mice Substantially Abrogated by Diosmin. | Current Psychiatry Research and Reviews | Bentham Science | 20(3) | 251-269 | Yes | 0.3 |
| Meenakshi Mehra, Jyoti Sheorain, Jyoti Bakshi, Sapna Grewal, Dinesh Dhingra, | 2024 | Sodium alginate polymer nanoformulation as promising carrier for berberine delivery: Synthesis, morphology and in-vitro | Carbohydrate Polymer Technologies and Applications | Elsevier | 7 | 100408 | Yes | 6.2 |

| | | | | | | | | |
|---|------|---|--|----------|---|--------|-----|-----|
| Manju Bernela, Santosh Kumari. | | evaluation. | | | | | | |
| Meenakshi Mehra, Jyoti Sheorain, Jyoti Bakshi, Rajesh Thakur, Sapna Grewal, Dinesh Dhingra, Santosh Kumari. | 2024 | Synthesis and evaluation of berberine loaded chitosan nanocarrier for enhanced in-vitro antioxidant and anti-inflammatory potential. | Carbohydrate Polymer Technologies and Applications | Elsevier | 7 | 100474 | Yes | 6.2 |

Prof. Munish Ahuja

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol.& No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|--|------|---|---|------------------|-----------|-------|---------------------|---------------|
| Himanshi, Manu Sharma, Munish Ahuja | 2024 | Fabrication and Characterization of Poloxamer Based Gel Formulations for Drug Delivery | Annals of Biology | Agri Bio Science | 40 (1) | 81-87 | Yes | 0.32 |
| Himanshi, Manu Sharma, Munish Ahuja | 2024 | Preparation and Evaluation of Berberine Chloride Loaded Poloxamer Gel for Transungual Delivery | Annals of Biology | Agri Bio Science | 40 (1) | 73-80 | Yes | 0.32 |
| Kumari, Pooja, Kant, Vinay, Ahuja Munish | 2024 | Formulation, characterization, in vitro and in vivo evaluation of thermoresponsive lawson-based Pluronic F-127 nanogels for wound healing | Journal of Drug Delivery Science and Technology | Elsevier | - | - | Yes | 4.5 |

| | | | | | | | | |
|--|------|--|--------------------------------|---------------------------|---|---|-----|---|
| Kumari, Sushma, Ahuja, Munish, Duhan, Surendera. | 2024 | Controlling release and cytotoxicity with berberine-loaded KIT-6. | Materials Research Innovations | Taylor and Francis online | - | - | Yes | - |
| Kumari, Pooja, Kant, Vinay, Chandratre, Gauri A., Ahuja, Munish. | 2024 | Formulation and Evaluation of Pluronic F-127 Thermoresponsive nanogels containing juglone for in vivo wound healing potential. | BioNanoSci. | Springer | - | - | Yes | 3 |

Prof. Archana Kapoor

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol.& No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|---|------|--|---|-----------------|-----------|------------|---------------------|---------------|
| Kadian, Varsha, Pooja Dalal, Sunil Kumar, Archana Kapoor, and Rekha Rao | 2023 | Comparative evaluation of dithranol-loaded nanosponges fabricated by solvent evaporation technique and melt method | Future Journal of Pharmaceutical Sciences | Springer nature | - | 2314-7253. | Yes | 2.4 |

Prof. Ashwani Kumar

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol.& No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|--|------|---|---|------------|-----------|--------|---------------------|---------------|
| Laxmi Narayan, Parvin Kumar, Jayant Sindhu, Ashwani Kumar, Devender Singh, | 2024 | Quinoxaline-linked N-acyl hydrazine: A “turn-off” fluorescent probe for the selective recognition of Fe ³⁺ in real water samples | Journal of Photochemistry and Photobiology A: Chemistry | Elsevier | 457 | 115857 | Yes | 4.1 |

| | | | | | | | | |
|--|----------|---|---|------------------------------------|-------|--------------|-----|-----|
| Sohan Lal, Harish Kumar | | | | | | | | |
| Rahul Singh, Jayant Sindhu, Meena Devi, Parvin Kumar, Sohan Lal, Ashwani Kumar, Devender Singh, Harish Kumar | 202 4 | Synthesis of thiazolidine- 2,4-dione tethered 1,2,3- triazoles as α - amylase inhibitors: In vitro approach coupled with QSAR, molecular docking, molecular dynamics and ADMET studies | European Journal of Medicinal Chemistry | Elsevier | 275 | 1166 23 | Yes | 6.0 |
| Ravinder Punia, Satbir Mor, Mohini Khatri, Deepak Kumar, Priyanku Pradip Das, Deepak Kumar Jindal, Ashwani Kumar, Prem Selvaraj, Rajnish Kumar, Rajni Mohil, Komal Jakhar | 202 4 | Facile synthesis and in silico studies of benzothiazole- linked hydroxypyrazol ones targeting α -amylase and α -glucosidase | Future Medicinal Chemistry | Taylor and Francis Online | 16:10 | 999- 1027 | Yes | 3.2 |
| Ravinder Punia, Satbir Mor, Suchita Sindhu, | 202 4 | Design, synthesis, α - amylase and glucose diffusion inhibition, and | Bioorgan ic & Medicinal Chemistry Letters | Elsevier | 103 | 1296 92 | Yes | 2.5 |

| | | | | | | | | |
|--|------|---|--------------------------------|---------------------------|------|---------|-----|-----|
| Deepak Kumar, Priyanku Pradip Das, Deepak Kumar Jindal, Ashwani Kumar, Rajni Mohil, Komal Jakhar | | molecular docking studies of new indenopyrazolones bearing benzothiazole derivatives | | | | | | |
| Pratibha Periwal, Ashwani Kumar, Vikas Verma, Devinder Kumar, Mahavir Parshad, Meenakshi Bhatia, Sourbh Thakur | 2024 | Design, Synthesis, and Antimicrobial Evaluation of Novel Sulfonamide Modified with Azoles | Current Organic Chemistry | Bentham Science | 28:7 | 558-572 | Yes | 1.7 |
| Arti Soni, Ashwani Kumar, Vivek Kumar, Ravi Rawat, Volkan Eyupoglu | 2024 | Design, synthesis and evaluation of aminothiazole derivatives as potential anti-Alzheimer's candidates | Future Medicinal Chemistry | Taylor and Francis Online | 16:6 | 513-529 | Yes | 3.2 |
| Satbir Mor, Ravinder Punia, Mohini Khatri, Deepak Kumar, Ashwani Kumar, Deepak | 2024 | Synthesis, biological evaluations and in silico studies on pyrimidine-appended fused pyrazolones as anticancer and antimicrobial agents | Journal of Molecular Structure | Elsevier | 1296 | 1367-59 | Yes | 4.0 |

| | | | | | | | | |
|--|------|--|--|---------------------------|---|---------|--------|-----|
| Kumar Jindal, Namita Singh, Renuka Sharma, Manzoor Ahmed, Sanket Shukla, Komal Jakhar | | | | | | | | |
| Pratibha Periwal, Vikas Verma, Devinder Kumar, Ashwani Kumar, Meenakshi Bhatia, Sourbh Thakur, Mahavir Parshad | 2024 | Novel azole-sulfonamide conjugates as potential antimicrobial candidates: synthesis and biological assessment | Future Medicinal Chemistry | Taylor and Francis Online | 16:2 | 157-171 | Yes | 3.2 |
| Bhawna, Sunil Kumar, Parvin Kumar, Ashwani Kumar | 2024 | Correlation Intensity Index-Index of Ideality of Correlation: A hyphenated target function for furtherance of MAO-B inhibitory activity assessment | Computational Biology and Chemistry | - | 108 | - | - | - |
| Rahul Singh, Parvin Kumar, Jayant Sindhu, Ashwani Kumar, Sohan Lal | 2023 | CORAL: probing the structural requirements for α -amylase inhibition activity of 5-(3-arylallylidene)-2-(arylimino)thiaz | Journal of Biomolecular Structure and Dynamics | Taylor and Francis | https://doi.org/10.1080/07391102.2023.2265490 | | Scopus | 2.7 |

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|--|------|--|--------------------------------|--------------------|------|-----------|--------|-----|
| | | olidin-4-one derivatives based on QSAR with correlation intensity index, molecular docking, molecular dynamics, and ADMET studies | | | | | | |
| Parvin Kumar, Ashwani Kumar, Jayant Sindhu, Sohan Lal | 2023 | Quasi-SMILES as a basis for the development of QSPR models to predict the CO ₂ capture capacity of deep eutectic solvents using correlation intensity index and consensus modelling | Fuel | Elsevier | 345 | 128237 | Scopus | 6.7 |
| Alla P Toropova, Andrey A Toropov, Parvin Kumar, Ashwani Kumar, P Ganga Raju Achary | 2023 | Fragments of local symmetry in a sequence of amino acids: Does one can use for QSPR/QSAR of peptides? | Journal of Molecular Structure | Elsevier | 1293 | 136300 | Scopus | 4 |
| Laxmi Narayan, Jayant Sindhu, Parvin Kumar, Ashwani Kumar, Devender Singh, Sohan Lal | 2023 | Quinoxaline-derived “turn off” fluorescent sensor for the selective detection of Fe ³⁺ : Synthesis, spectroscopic analysis, BSA binding and computational studies | Journal of Molecular Structure | Elsevier | 1293 | 136223 | Scopus | 4 |
| Meena Devi, Parvin | 2023 | α -amylase inhibition and in silico studies | Future Medicinal Chemistry | Taylor and Francis | 15 | 1511-1525 | Scopus | 3.2 |

| | | | | | | | | |
|--|------|--|----------------------------|--------------------|----|-----------|--------|-----|
| Kumar, Rahul Singh, Jayant Sindhu, Ashwani Kumar, Sohan Lal, Devender Singh, Harish Kumar | | of novel naphtho[2,3-d]imidazole-4,9-dione linked N-acyl hydrazones | | | | | | |
| Rahul Singh, Parvin Kumar, Jayant Sindhu, Meena Devi, Ashwani Kumar, Sohan Lal, Devender Singh, Harish Kumar | 2023 | Thiazolidinedione–triazole conjugates: design, synthesis and probing of the α -amylase inhibitory potential | Future Medicinal Chemistry | Taylor and Francis | 15 | 1272-1294 | Scopus | 3.2 |

Prof. Sunil Kumar

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol.& No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|---|------|--|---|-----------------|-----------|------------|---------------------|---------------|
| Kadian, Varsha, Pooja Dalal, Sunil Kumar, Archana Kapoor, and Rekha Rao | 2023 | Comparative evaluation of dithranol-loaded nanosponges fabricated by solvent evaporation technique and melt method | Future Journal of Pharmaceutical Sciences | Springer nature | - | 2314-7253. | Yes | 2.4 |
| Bhawna, Sunil Kumar, Parvin Kumar, Ashwani Kumar | 2024 | Correlation Intensity Index-Index of Ideality of Correlation: A hyphenated target function | Computational Biology and Chemistry | - | 108 | - | - | - |

| | | | | | | | | |
|--|--|---|--|--|--|--|--|--|
| | | for furtherance of MAO-B inhibitory activity assessment | | | | | | |
|--|--|---|--|--|--|--|--|--|

Prof. Meenakshi Bhatia

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol.& No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|---|------|---|---|----------------------------|-----------|---------|---------------------|---------------|
| Sunidhi Lohan, Ravinder Verma, Deepak Kaushik and Meenakshi Bhatia | 2023 | Optimization and evaluation of microwave-assisted curcumin-loaded nanostructured lipid carriers: a green approach | Future Journal of Pharmaceutical Sciences | Springer | 9:117 | - | Yes | 3.1 |
| Meenakshi Bhatia and Sunita Devi | 2023 | Co-crystallization: a green approach for the solubility enhancement of poorly soluble drugs | CrystEng Comm | Royal Society of chemistry | 26 | 293-311 | Yes | 3.1 |
| Pratibha Periwal, Ashwani Kumar, Vikas Verma, Devinder Kumar, Mahavir Parshad, Meenakshi Bhatia and Sourbh Thakur | 2024 | Design, Synthesis, and Antimicrobial Evaluation of Novel Sulfonamide Modified with Azoles | Current Organic Chemistry | Bentham Science | 28 | 558-72 | Yes | 2.2 |
| P Rani, V Verma, S Kumar, M | 2024 | Isolation, characterization and evaluation | Iranian Polymer Journal | Springer | J33 | 687-698 | Yes | 2.4 |

| | | | | | | | | |
|---|------|--|--|----------|-------|--------|-----|-----|
| Bhatia | | of pineapple crown waste nanofiber gel entrapping ampicillin in topical bacterial infections | | | | | | |
| Pooja Rani, Rimpay Pahwa, Vikas Verma, Meenakshi Bhatia | 2024 | Preparation, characterization, and evaluation of ketoconazole-loaded pineapple cellulose green nanofiber gel | International journal of biological macromolecules | Elsevier | 262:2 | 130221 | Yes | 7.7 |

Dr Rekha Rao

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol.& No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|--|------|--|-----------------|-----------------|-----------|-------|---------------------|---------------|
| Kadian, Varsha, and Rekha Rao | 2024 | Enhancing anti-inflammatory effect of brucine nanohydrogel using rosemary oil: a promising strategy for dermal delivery in arthritic inflammation. | 3 Biotech. | Springer nature | 14:6 | 157 | Yes | 2.8 |
| Kumar, Sunil, Babu Lal Jangir, and Rekha Rao | 2024 | Novel Topical Clobetasol Propionate Nanosponges Loaded Hydrogel for Psoriasis: Irritation Evaluation, Mechanistic Insights, in Vivo Appraisal and Biochemical Investigations | BioNanoScience | Springer nature | - | 1-18 | Yes | 3 |
| Kumar, | 202 | Dermal | Current | Bentham | 19:4 | - | Yes | 1.513 |

| | | | | | | | | |
|--|------|---|---|-----------------|----|------------|-----|-----|
| Sunil, and Rekha Rao | 3 | Nanomedicines: Recent Progress and Advances | Nanoscience | Sciences | | | | |
| Kadian, Varsha, and Rekha Rao | 2023 | Exploring the in vitro anti-arthritic potential of capsaicin-coordinated β -cyclodextrin nanosponges | Journal of Drug Delivery Science and Technology | Elsevier | 87 | 104801 | Yes | 5 |
| Dalal, Pooja, and Rekha Rao | 2023 | β -Cyclodextrin nanosponges for enhanced anti-melanoma potential of silymarin with functions of anti-oxidant, anti-inflammatory and anti-tyrosinase | Results in Chemistry | Elsevier | 6 | 101006 | Yes | 2.3 |
| Alhelal, Hawra Mohammed, 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 | - | 576-583 | Yes | 4.4 |
| Kadian, Varsha, Pooja Dalal, Sunil Kumar, | 2023 | Comparative evaluation of dithranol-loaded nanosponges fabricated by | Future Journal of Pharmaceutical Sciences | Springer nature | - | 2314-7253. | Yes | 2.4 |

| | | | | | | | | |
|-------------------------------|--|---|--|--|--|--|--|--|
| Archana Kapoor, and Rekha Rao | | solvent evaporation technique and melt method | | | | | | |
|-------------------------------|--|---|--|--|--|--|--|--|

Dr Vikramjeet Singh

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol.& No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|---|------|--|-------------------------------|-----------------|-----------|------------|---------------------|---------------|
| 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 | Chemistry & Biodiversity | Wiley | 20(6) | e202200976 | Yes | 2.9 |
| Suprava Shah, Rakesh Narang, Vikram Jeet Singh, Pilli Govindaiah, Surender K. Nayak | 2023 | A review on anticancer profile of flavonoids: Sources, chemistry, mechanisms, structure-activity relationship and anticancer activity | Current Drug Research Reviews | Bentham Science | 15 (2) | 122-148 | Yes | |
| Samridhi Thakral, Alka Yadav, Vikramjeet Singh, Manoj Kumar, Pradeep Kumar, Rakesh Narang, Kalvatala Sudhakar, Amita Verma, Habibulla | 2023 | Alzheimer's disease: Molecular aspects and treatment opportunities using herbal drugs | Ageing Research Reviews | Elsevier | 88 | 101960 | yes | 12.5 |

| | | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| h Khalilulla h, Mariusz Jaremko, Abdul- Hamid Emwas | | | | | | | | |
|---|--|--|--|--|--|--|--|--|

Dr Manoj Kumar

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol. & No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|--|-------------|---|--|-------------------|-----------------------|--------------|----------------------------|----------------------|
| Sarwan Mudgil, Manoj Kumar, Pushpendra Lamba, Bhupendra Nehra, Poonam Rani | 2023 | Synthesis, Anti-Inflammatory and Antimicrobial Evaluation of Novel 2-phenyl-3-((4-phenylthiazol-2-yl) amino)thiazolidin-4- One Derivatives | Open Access Journal of Pharmaceutical Research | Medwin Publishers | 7 (4) | 287 | No | - |
| Pushpendra Lamba, Manoj Kumar, Sarwan Mudgil, Bhupendra Nehra, Poonam Rani | 2023 | Synthesis, Anti-Inflammatory, Antimicrobial and Antioxidant Evaluation of Novel N-((3-(substituted phenyl)-1-phenyl-1H-pyrazol-4-yl)methylene) naphthalen-1- Amines | Der Pharma Chemica | | 15 (6) | 105-112 | Yes | 3.2 |
| Poonam Rani, Manoj Kumar, Sonali, Bhupendra Nehra | 2023 | Synthesis and Anti-inflammatory Activity of Novel 2-Chloro-4-(Aryl Amino)-6, 7-Dimethoxy Quinazoline Derivatives | Der Pharma Chemica | | 15 (6) | 115-118 | Yes | 3.2 |
| Bhupendra Nehra, Manoj | 2024 | Therapeutic Potential of Natural | Chemistry Select | Wiley | 9 (13) | e202400419 | Yes | 1.9 |

| | | | | | | | | |
|---|----------|---|-----------------------------------|--------------------|-----------|---------------|--------------------------------|-----|
| Kumar, Pooja A. Chawla, Viney Chawla | | Metabolites Coupled Pyrazole and Its Bio Isosteres: Medicinal Perspectives and SAR Studies | | | | | | |
| Manoj Kumar, Sumit Kumar, Radha Rani, Poonam Rani, Bhupende r Nehra | 202 4 | Synthesis and evaluation of anti-microbial and anti- inflammatory activity of fatty acid esters | Ajasra ISSN 2278-3741 | | 13 (2) | 298- 308 | UGC CAR E Grou p 1 | 6.7 |
| Sumit Kumar, Manoj Kumar, Ajay Kumar, Bhupende r Nehra, Poonam Rani | 202 4 | Synthesis, Estimation, Molecular docking and biological evaluation of methyl piperazine and nitro Mannich bases derivatives | Ajasra ISSN 2278-3741 | | 13 (2) | 270- 287 | UGC CAR E Grou p 1 | 6.7 |
| Bhupende r Nehra, Manoj Kumar, Sumitra Singh, Viney Chawla, Pooja A. Chawla | 202 4 | Sojourn of Nitrogenous Heterocycles as Promising Antileishmanial Agents: Medicinal Perspectives and Structure–Activ ity Relationship Studies | Chemistry Africa | Springer | 7 | 3485- 3529 | Yes | 2.3 |
| Bhupende r Nehra, Manoj Kumar, Sumitra Singh, Viney Chawla, Pooja A. Chawla, | 202 4 | Recent Developments in the Antimicrobial Potential of Some Nitrogenous Heterocycles and their SAR Studies: A | Current Medicinal Chemistry | Bentham Science | | | Yes | 3.5 |

| | | | | | | | | |
|--------------|--|---------|--|--|--|--|--|--|
| Parul Grover | | Review. | | | | | | |
|--------------|--|---------|--|--|--|--|--|--|

Dr Ravi

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol.& No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|--|-------------|--|---|-------------------|----------------------|--------------|----------------------------|----------------------|
| Ravi Berwal, Neeru Vasudeva, Sunil Sharma, Manisha, Amit Lather, Tanuj Hooda | 2024 | Phyto-Chemical characterization of ethanol extract of Acacia arabica (Lam.) Willd root utilizing GC-MS | Bulletin of Environment, Pharmacology and Life Sciences | - | 13(2) | 172-77 | Yes | - |

Dr Deepak Kumar Jindal

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol.& No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|---|-------------|--|------------------------------------|-------------------|----------------------|--------------|----------------------------|----------------------|
| Naresh Kumar, Sonika Asija, Yogesh Deswal, Jagat Singh Kirar, Deepak Kumar, Deepak Kumar Jindal, Biswarup Basu, Monu Kumar Shukla | 2024 | Exploring diorganotin (IV) complexes of hydrazone based ligands as multi-target agents: Synthesis, structural characterization, DFT and in vitro biological evaluation | Inorganic Chemistry Communications | Elsevier | 161 | 112-120 | Yes | 4.4 |
| Satbir Mor, Ravinder Punia, | | Synthesis, biological evaluations and in silico studies | Journal of Molecular Structure | Elsevier | 1296 | 136-759 | Yes | 4.0 |

| | | | | | | | | |
|---|--|---|--|--|--|--|--|--|
| Mohini Khatri, Deepak Kumar, Ashwani Kumar, Deepak Kumar Jindal, Namita Singh, Renuka Sharma, Manzoor Ahmed, Sanket Shukla, Komal Jakhar | | on pyrimidine-appended fused pyrazolones as anticancer and antimicrobial agents | | | | | | |
|---|--|---|--|--|--|--|--|--|

Ms. Himanshi

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol.& No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|-------------------------------------|-------------|--|------------------------|-------------------|----------------------|--------------|----------------------------|----------------------|
| Himanshi, Manu Sharma, Munish Ahuja | 2024 | Fabrication and Characterization of Poloxamer Based Gel Formulations for Drug Delivery | Annals of Biology | Agri Bio Science | 40 (1) | 81-87 | Yes | 0.32 |
| Himanshi, Manu Sharma, Munish Ahuja | 2024 | Preparation and Evaluation of Berberine Chloride Loaded Poloxamer Gel for Transungual Delivery | Annals of Biology | Agri Bio Science | 40 (1) | 73-80 | Yes | 0.32 |

Dr Sonali Batra

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol. & | Pages | SCI/Scopus | Impact |
|----------------|-------------|-----------------------|------------------------|-------------------|-------------------|--------------|-------------------|---------------|
|----------------|-------------|-----------------------|------------------------|-------------------|-------------------|--------------|-------------------|---------------|

| | | | | | No. | | (Yes/ No) | factor |
|---|------|---|--------------------|----------|--------|---------|--------------|--------|
| Panesar Gulsheen, Sonali Batra, Sumit Sharma | 2023 | Automation: A revolutionary vision of artificial intelligence in theranostics | Bulletin du Cancer | Elsevier | 110: 2 | 233-241 | Yes | 1.1 |

Dr Samridhi

| Authors | Year | Title of paper | Name of Journal | Publishers | Vol.& No. | Pages | SCI/Scopus (Yes/No) | Impact factor |
|--|------|--|--------------------------|------------|-----------|------------|---------------------|---------------|
| 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 | Chemistry & Biodiversity | Wiley | 20(6) | e202200976 | Yes | 2.9 |
| Samridhi Thakral, Alka Yadav, Vikramjeet Singh, Manoj Kumar, Pradeep Kumar, Rakesh Narang, Kalvatala Sudhakar, Amita Verma, Habibullah Khalilullah, Mariusz Jaremko, Abdul-Hamid Emwas | 2023 | Alzheimer's disease: Molecular aspects and treatment opportunities using herbal drugs | Ageing Research Reviews | Elsevier | 88 | 101960 | yes | 12.5 |

(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 | 10 | | 10 | | | |
| Associate Professor | | | | | | |
| Assistant Professor | 10 | | 10 | 5 | | 5 |

(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. |
|----------------------|---|---|--|-------|----------------------|--|
| Dr. Vikramjeet Singh | Phytoconstituents of Ginkgo: A Review of biological potential | Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024) | Department of Pharmaceutical Sciences, GJUS&T, Hisar | Hisar | March 20th–21st 2024 | |
| Dr. Samridhi | Synthesis, antimicrobial and in silico studies of benzothiazole containing sulphonamide derivatives | Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024) | Department of Pharmaceutical Sciences, GJUS&T, Hisar | Hisar | March 20th–21st 2024 | |
| Ms. Himanshi | Formulation and Characterization of berberine gel containing permeation enhancer for | Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024) | Department of Pharmaceutical Sciences, GJUS&T, Hisar | Hisar | March 20th–21st 2024 | |

| | | | | | | |
|-----------------|---|---|--|-------|----------------------|--|
| | tranungual drug delivery | | | | | |
| Dr. Ravi | Phytochemical screening of roots of <i>Acacia arabica</i> (Lam.) Willd. | Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024) | Department of Pharmaceutical Sciences, GJUS&T, Hisar | Hisar | March 20th–21st 2024 | |
| Dr Sonali Batra | Tablets of total ash from <i>Nelumbium speciosum</i> flowers ameliorate anxiety | Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024) | Department of Pharmaceutical Sciences, GJUS&T, Hisar | Hisar | March 20th–21st 2024 | |

(c) National Conferences/ Seminars/ Workshops: NIL

| 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. |
|-----------------|--------------------------|--|-------------------------------|---------------------------|-------|-----------------|--|
| - | - | | - | - | - | - | - |
| - | - | | - | - | - | - | - |

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

| 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. Kavita Bahmani | UGC sponsored 8 days online NEP orientation & sensitization | GJUST, HISAR | HRDC | GJUST, HISAR | 13.12.2023 TO 21.12.2023 |

| | | | | | |
|--|----------------------|--|--|--|--|
| | n programme -1 | | | | |
|--|----------------------|--|--|--|--|

(f) National/International Webinars Attended: NIL

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

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

- i) Refresher Course : 01
- ii) Orientation Course : NIL
- iii) Webinar : NIL
- iv) Total : 01

(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 five 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.

Prof Munish Ahuja: Member of NAAC Peer Team

iii) Member of Academic Bodies of other institutions:

Prof. Dinesh Dhingra: Member of School Board of School of Interdisciplinary and Applied Sciences, Central University of Haryana, Mahendergarh

Prof. Munish Ahuja: Member of Board of Studies and Research of Kumaon University Nainital, and Gurukul Kangri Vishwavidhyalaya, Haridwar

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)

Prof. Munish Ahuja

| Type | Topic/ Subject | Institution | Dates |
|--------------|--|---|------------|
| Invited talk | Recent Advances in Ocular Drug Delivery | UGG- Malaviya Mission Teacher Training Centre of Pt. Ravishankar Shukla University Raipur | 07.02.2024 |
| Any other | Mindfulness Meditation | UGC sponsored Two-Weeks Online (Live Mode) Interdisciplinary Refresher Course on "Environmental Studies" organised by UGC-HRDC, GJUS&T, Hisar w.e.f. 3rd to 15th July, 2023 | 07.07.2023 |
| | Health & Wellness during Research through Mindfulness Meditation | UGC sponsored One-week Interaction Programme for Ph.D. Scholars organised by | 07.06.2024 |

| | | | |
|--|--|--|--|
| | | Malaviya Mission Teacher Training Centre (erstwhile UGC-HRDC), GJUS&T, Hisar | |
|--|--|--|--|

Prof. Dinesh Dhingra

| Type | Topic/ Subject | Institution | Dates |
|--------------|---|---------------|--|
| Invited talk | Resource person for two sessions (3.45 pm to 5.15 pm on 6-2-2024 and 11.45 am to 1.00 pm on 22-3-2024) for two days training programme “Handling of laboratory instruments” for laboratory staff by Malaviya Mission Teacher Training Centre, GJUS&T, Hisar | GJUS&T, Hisar | 6-2-2024 to 7-2-2024; and 21-3-2024 and 22-3-2024. |

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

| Sr. No. | Name of Faculty | Additional Positions | Duration From To |
|---------|----------------------|---|-----------------------------|
| 1 | Prof. Munish Ahuja | Director Dr APJ Abdul Kalam Central Instrumentation Lab, GJUST, Hisar | 16.06.2023 to till date |
| 2. | Prof. Dinesh Dhingra | Director, Experimental Animal Facility | Since July, 2016 continuing |
| 3. | Dr. Vikramjeet Singh | Warden Boys Hostel IV | 11.04.2016 to till date |
| 4 | Dr. Vikramjeet Singh | NSS Programme Officer | 01.10.2018 to till date |
| 5 | DR. Kavita Bahmani | Care taker officer, NCC OFFICE | 07/05/2024 TO TILL DATE |
| 6 | Prof. Ashwani Kumar | Coordinator, Patent Cell | Aug. 2023 to till date |

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

| Activity | No. of Students | No. of Companies * |
|-------------------|-----------------|--------------------|
| Internship | 08 | Annexure I |
| Placement 2019-23 | 09 B. Pharm | Annexure II |

| | | |
|---------|-------------|--------------|
| 2021-23 | 21 M. Pharm | Annexure III |
|---------|-------------|--------------|

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

**(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 |
|-------------------|----------------------------|------------------------|--------------------------------|
| Conference | International | 350 | 2 Days (March 20th– 21st 2024) |

ii. Extension lecture:

| Topic | Resource Person | Number of Participants | Dates |
|--|--|---|----------|
| Pharmacist Day & Awareness on road safety rules Celebration | Kuldeep Singh (Additional SP, Hisar) | 96 (offline) | 25/09/23 |
| Guest Lecture on Opportunities as Pharmacist in Central and State Government Departments | Suraj Pandey (Pharmacist in CGHS wellness center, Kochi) | 98 (online: https://meet.google.com/ghe-xncp-pip) | 24/12/23 |

iii. Students tour: NIL

| Places Visited | Number of Participants | Dates/ Duration | Faculty Incharge |
|----------------|------------------------|--------------------|------------------|
| - | - | - | - |
| - | - | - | - |

iv. Industry interaction programmes : NIL

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

(XIX) Awards/ Honours received by Faculty: 01

| Name of the Teacher | Title of the Award | Name of the Awarding Agency | National / International | Date Conferred |
|---------------------|--------------------|--------------------------------------|--------------------------|-----------------|
| Dr. Kavita Bahmani | Award of Honour | Om Sterling global University. Hisar | National | 25TH SEPT. 2024 |

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

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 | - |
| 04 | 02 | 02 | |
| 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 |
| 57 | - | 57 | 12.5 |
| 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 | - |
| 02 | - | 02 | - |
| TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME | PhD. Degree submitted | PhD. Degree awarded | - |
| 03 | 05 | 06 | - |

Signature of the Chairperson

ANNEXURE

DEPARTMENT OF _____

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