



**COLLEGE OF PHARMACEUTICAL
SCIENCES, DEHRADUN**

Affiliated to Veer Madho Singh Bhandari Uttarakhand Technical University

Approved by Pharmacy Council of India | Established 2018



THE PHARMA CHRONICLE

Volume III · Issue 1

August 2024 – January 2025

— A Record of Events, Achievements & Milestones —

The Pharma Chronicle · Volume III · Issue 1 · August 2024 – January 2025

FROM THE CEO'S DESK

A Message to the GNCPS Community · August 2022 – January 2023



As we present the inaugural issue of our college newsletter, I feel a profound sense of pride in the collective achievements of our institution. Over the past six months, from August 2022 to January 2023, Guru Nanak College of Pharmaceutical Sciences has witnessed remarkable growth and dynamic engagement across academic, cultural, and social domains. From insightful seminars on pharmaceutical research and workshops on intellectual property, to vibrant celebrations of our national and cultural heritage, energetic sports events, and meaningful community outreach initiatives, this period truly reflects the spirit and dedication of our academic community.

I extend my sincere appreciation to the editorial team for their dedication and creativity in bringing together this publication. Their efforts have ensured that our collective accomplishments are thoughtfully documented and shared.

— Mr. Bhupinder Singh Arora, CEO

FROM THE PRINCIPAL'S DESK

A Message to the GNCPS Community · August 2024 – January 2025



This fifth issue of our newsletter holds special significance: it documents the period during which our 2024-25 final-year students formally commenced their dissertation work — the capstone of their undergraduate journey. Alongside that milestone, August 2024 to January 2025 saw an extraordinary range of student activities across sports, culture, research, entrepreneurship, and community service. Our students won at national-level chess, running, and entrepreneurship competitions; our research club grew in strength; our celebrations of every national and cultural occasion drew enthusiastic participation. I am especially proud to see in these pages the titles of the research projects our final-year students have undertaken — work that speaks to their emerging identities as independent pharmaceutical scientists. To every student, faculty member, and staff person who contributed to this rich semester, I extend my warmest thanks.

— Dr. S. Duraivel, Principal

FROM THE EDITOR'S DESK

Issue 5 · August 2024 – January 2025



This fifth issue is, in a sense, the heart of our current chronicle — it records the period in which our 2024-25 final-year students commenced their dissertation projects. Readers will find in these pages not only the familiar roster of events and celebrations but also, for the first time, a dedicated section on student research projects. Their inclusion reflects the editorial team's conviction that a college newsletter must document serious academic work alongside festive occasions.

— Ms. Kriti Dabral, Editor

ABOUT THE COLLEGE

Guru Nanak College of Pharmaceutical Sciences, Dehradun

Guru Nanak College of Pharmaceutical Sciences was founded in 2018 under the stewardship of the Northern Institute of Management & Studies Society. The institution is affiliated with Veer Madho Singh Bhandari Uttarakhand Technical University and holds approval from the Pharmacy Council of India. Located in Jhajhra along Chakrata Road in Dehradun, the college offers pharmacy programmes aimed at developing graduates who are technically skilled, ethically responsible, culturally aware, and career-ready.

The College's vision is to create a progressive learning environment inspired by Guru Nanak Dev Ji's teachings, focusing on 'Learning by Doing,' providing practical experiences, and making quality education accessible to all. Its mission is to integrate modern technology into its curriculum to promote practical and industry-relevant learning. It is committed to supporting female students and physically challenged individuals by providing necessary resources and encouraging entrepreneurial initiatives. The institution strives to maintain a team of experienced faculty members while also involving industry experts in its management to ensure quality education and professional exposure. It offers scholarships to diverse groups of students and extends its support to nearby villages by providing free educational opportunities. Additionally, it focuses on guiding students toward successful careers in employment, research, entrepreneurship, and higher studies. The institution also encourages research and development in the field of affordable generic medicines, working towards accessible healthcare solutions based on a no-profit-no-loss approach.

The College's PEO's are as follows

PEO1: Graduates will demonstrate comprehensive knowledge in pharmaceutical sciences, integrating multidisciplinary learning, Indian Knowledge Systems, and ethical practices to address contemporary healthcare challenges.

PEO2: Graduates will engage in advanced research, innovation, and collaborative projects that contribute to sustainable drug development, regulatory compliance, and translational healthcare solutions.

PEO3: Graduates will be equipped with 21st-century skills, digital fluency, and entrepreneurial mindset to thrive in diverse pharmaceutical sectors including industry, academia, and public health.

PEO4: Graduates will uphold values of equity, sustainability, and community engagement, contributing to responsible healthcare practices and environmental stewardship.

PEO5: Graduates will evolve as ethical leaders and lifelong learners, committed to continuous professional development, policy advocacy, and global best practices in pharmacy.

The academic journey is supported by a committed faculty team under the leadership of the principal, along with Heads of Department and experienced professors, ensuring a learning experience that is both rigorous and enriching. Students benefit from well-equipped laboratories, a resourceful library, modern classrooms, hostel accommodations, and recreational amenities that collectively enhance campus life.

THE PERIOD AT A GLANCE

August 2024 – January 2025

The period documented in this issue — August 2024 – January 2025 — represented a particularly vibrant chapter in the life of Guru Nanak College of Pharmaceutical Sciences, Dehradun. Across the semester, the institutional calendar was populated with distinct events ranging from carefully-curated research seminars to student-led cultural festivals, from health-awareness camps to inter-class sports tournaments. Each of these events, documented in detail across the pages that follow, contributed in its own way to the rounded education that the College strives to offer.

Equally significant was the calibre of recognition our students earned at external competitions, carrying the Guru Nanak name to inter-institute, regional, and national platforms. These wins are celebrated with pride in the Awards section of this issue, and they serve as beacons of inspiration for students yet to take that first competitive leap. Taken together, the events and achievements of this semester reflect a campus in full, confident motion.

PUBLICATIONS HIGHLIGHT

Research & Scholarly Output during August 2024 – January 2025

The faculty and students of Guru Nanak College of Pharmaceutical Sciences, Dehradun have continued to contribute to pharmaceutical literature through peer-reviewed research papers published in reputed national and international journals. These publications span areas such as herbal drug formulation, nanoparticle preparation, phytochemistry, drug delivery systems, ocular therapeutics, antimicrobial resistance, environmental toxicology, clinical pharmacy, and pharmacognosy – reflecting both the breadth of our departmental research interests and the depth of our commitment to original scientific work.

The College actively encourages a culture of research through its dedicated Research Club, regular workshops on literature review and scientific writing, training on statistical and reference-management tools, and a sustained emphasis on publication ethics. Final-year students are guided through dissertation projects that increasingly result in peer-reviewed publications, with 2025 alone seeing multiple student-led papers in indexed journals.

For a complete list of publications, book chapters, and institutional magazines issued during this period, readers are invited to consult the dedicated publications register maintained by the Research Committee. The register is updated continuously and serves as the definitive scholarly record of the institution.

IN THIS ISSUE

- | | | |
|-----------|---------------------------------------|--|
| 01 | From the CEO's Desk | <i>A welcome note from the head of our Institution</i> |
| 02 | From the Principal's Desk | <i>A welcome note from the head of our department</i> |
| 03 | From the Editor's Desk | <i>Notes on what we have selected for this issue</i> |
| 04 | About the College | <i>An overview of Guru Nanak College of Pharmaceutical Sciences</i> |
| 05 | Events & Activities | <i>Events — seminars, workshops, celebrations, sports, cultural programmes</i> |
| 06 | Awards & Achievements | <i>Recognitions won at inter-institute competitions</i> |
| 07 | Student Research Projects | <i>Final-year dissertation projects (2024-25 batch)</i> |
| 08 | Publications Highlight | <i>Notable academic contributions of our faculty and students</i> |
| 09 | Looking Ahead | <i>A glimpse of what the coming months hold</i> |
| 10 | Credits & Acknowledgements | <i>The people behind this issue</i> |

Events & Activities

Events from August 2024 – January 2025

A chronicle of the seminars, workshops, celebrations, sports tournaments, and cultural programmes that shaped our campus life during this period.

Inter-Class Volleyball League

The Inter-Class Volleyball League infused the campus with enthusiasm and team spirit, as students actively supported their peers and engaged in strategic gameplay. Conducted by the Sports Club with participation from 95 students, the event highlighted the importance of balancing academics with physical activity. It reinforced the institution's commitment to making sports an enjoyable and regular part of student life.

The matches were marked by high energy, coordination, and healthy competition among teams. Students demonstrated leadership, communication, and resilience throughout the tournament. The event also strengthened peer bonding and encouraged a culture of active participation in extracurricular activities.



Research Club Orientation

The Research Club Orientation introduced 110 students to the fundamentals of pharmaceutical research through practical exposure. Organised by the Research Club, the session focused on outlining the research pathway and familiarising students with essential tools. It played a key role in strengthening the college's research-driven environment and encouraging scholarly contributions.

Students gained clarity about research methodologies, publication processes, and career opportunities in research. Interactive discussions allowed participants to engage with faculty and clarify their doubts. The session also motivated students to actively participate in future research initiatives and projects.



Independence Day Program

The Independence Day celebration, organised by the Cultural Club with 145 participants, combined patriotic fervour with youthful enthusiasm. The program emphasized national values and civic responsibility, encouraging students to view their future roles in pharmacy as part of a broader contribution to public health and nation-building.

The event included flag hoisting, cultural performances, and speeches reflecting on India's journey. Students expressed their creativity through patriotic songs and presentations. The program instilled a deep sense of pride, unity, and responsibility among participants.



Campus Startup Pitch Fest

The Campus Startup Pitch Fest, conducted by the Entrepreneurship Club with 75 students, encouraged participants to think like innovators. Students presented business ideas, analysed markets, and explored financial feasibility. The top three teams were awarded, and the event strengthened entrepreneurial thinking among pharmacy students.

Participants developed confidence in pitching ideas and communicating effectively. Judges provided constructive feedback, helping students refine their concepts. The event also encouraged risk-taking and creative problem-solving among aspiring entrepreneurs.



Grant Writing Workshop

This workshop, attended by 65 students and organised by the Research Club, focused on developing skills for writing effective research proposals. Through hands-on learning, students gained insights into funding applications, reinforcing the institution's focus on building strong research capabilities. Participants learned how to structure proposals, justify research significance, and align with funding priorities. Practical exercises enhanced their understanding of grant formats and requirements. The workshop empowered students to pursue funded research opportunities confidently.



Journal Club – III

The Journal Club session engaged 55 students in critical evaluation of research papers. Conducted by the Research Club, it enhanced analytical skills and deepened understanding of scientific literature, contributing to the academic and research culture of the institution.

Students discussed key findings, methodologies, and limitations of selected studies. The session encouraged critical thinking and evidence-based analysis. It also helped students improve their presentation and discussion skills.



Innovation Ideathon

The Innovation Ideathon brought together 70 students to develop creative and practical solutions in pharmaceutical contexts. Organised by the Entrepreneurship Club, the event rewarded innovative ideas and strengthened problem-solving and entrepreneurial skills.

Participants collaborated in teams to brainstorm and refine their ideas. Mentors guided students in evaluating feasibility and impact. The competition fostered creativity and encouraged students to think beyond conventional approaches.



Hindi Pakhwada

Observed with participation from 75 students, Hindi Pakhwada celebrated linguistic heritage through cultural and literary activities. Organised by the Cultural Club, it promoted appreciation for language while contributing to the development of culturally aware professionals.

Activities included poetry recitation, essay writing, and discussions. Students actively engaged in showcasing their linguistic abilities. The event fostered respect for national language and cultural diversity.



Seminar on Guidance on How to Start a Small Scale Enterprise

Led by Dr. Lalit Kumar, this seminar provided valuable insights into starting small-scale enterprises. The session enriched students' understanding of entrepreneurship and emphasized the importance of continuous learning in a dynamic professional environment.

Real-life examples and case studies made the session highly informative. Students gained practical knowledge about business planning and execution. The seminar inspired participants to explore entrepreneurial ventures.



Kho-Kho Tournament

The Kho-Kho Tournament, with 80 participants, fostered teamwork and sportsmanship. Organised by the Sports Club, it encouraged discipline, resilience, and collaboration, while also helping students develop leadership and physical endurance.

The matches were fast-paced and highly engaging. Students displayed agility, coordination, and quick decision-making skills. The event strengthened team spirit and promoted traditional sports.



AI in Pharma Research

This session introduced 90 students to the role of artificial intelligence in pharmaceutical research. Conducted by the Research Club, it combined theoretical knowledge with practical exposure, highlighting the growing importance of technology in pharmacy careers.

Hands-on demonstrations helped students understand real-world applications. Participants explored tools used in drug discovery and data analysis. The session broadened their perspective on future career opportunities.



Gandhi Jayanti

Celebrated with 90 students, the event reflected on Gandhian values and their relevance today. Organised by the Cultural Club, it aimed to instil ethical responsibility and civic awareness among future healthcare professionals. Activities included speeches, cleanliness drives, and discussions on non-violence. Students reflected on the importance of truth and simplicity in daily life. The event encouraged moral and ethical development.



|

Reference Management

This workshop trained 60 students in using citation and reference tools effectively. Organised by the Research Club, it supported students in improving academic writing and maintaining research accuracy. Participants practiced using software for managing references.

The session improved their ability to organize research data efficiently. It also highlighted the importance of avoiding plagiarism.



Badminton Championship

The championship saw participation from 70 students and encouraged healthy competition. Organised by the Sports Club, it reinforced values like discipline, teamwork, and perseverance. Matches were competitive and showcased excellent sportsmanship. Students demonstrated focus, agility, and determination. The event boosted enthusiasm for indoor sports.



Entrepreneurship Quiz Bowl

The quiz competition, with 65 participants, tested students' knowledge of entrepreneurship. Conducted by the Entrepreneurship Club, it promoted learning through competition and rewarded top performers.

The quiz covered business concepts, startups, and market trends. Participants engaged actively and displayed strong analytical skills. The event enhanced knowledge retention in an interactive format.



Paper Writing Workshop

Attended by 70 students, this workshop focused on research writing skills, including methodology and ethics. Organised by the Research Club, it prepared students for academic publishing.

Students learned structuring of research papers and data presentation techniques. Practical sessions improved their writing clarity and coherence. The workshop boosted confidence in academic communication.



Navratri Garba Night

With 130 participants, this cultural event celebrated traditional dance and festive spirit. Organised by the Cultural Club, it encouraged teamwork, coordination, and cultural engagement.

Students participated enthusiastically in dance performances. The vibrant atmosphere promoted inclusivity and joy. The event strengthened cultural bonding within the campus.



Product Commercialization Challenge

The challenge involved 50 students presenting market-ready product ideas. Conducted by the Entrepreneurship Club, it enhanced business understanding and rewarded top-performing teams.

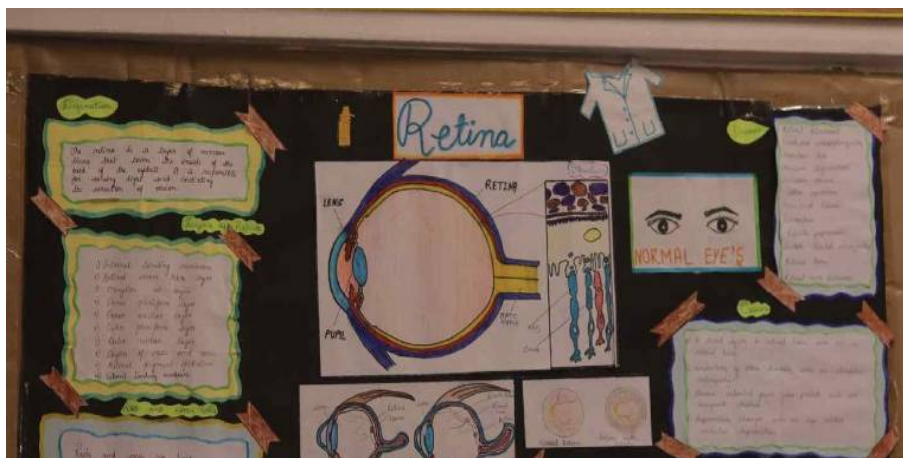
Participants focused on branding, pricing, and marketing strategies. Judges evaluated feasibility and innovation. The event helped students understand real-world commercialization processes.



Research Day Poster

This event showcased research work by 85 students. Organised by the Research Club, it encouraged scientific presentation skills and research excellence.

Students presented posters explaining their research findings. The session promoted peer learning and constructive feedback. It also enhanced communication of scientific ideas.



Diwali Night

Celebrated by 120 students, the event highlighted cultural unity and festive joy. Organised by the Cultural Club, it fostered social bonding and cultural appreciation.

Campus decorations and traditional attire added vibrancy. Students participated in cultural activities and celebrations. The event promoted harmony and togetherness.



Regulatory Research Seminar

The Regulatory Research Seminar provided students with an opportunity to interact directly with subject experts and gain insights beyond routine classroom teaching. Organised by the Research Club with participation from 80 students, the session focused on understanding regulatory pathways in the pharmaceutical sector. Structured presentations followed by interactive discussions allowed students to engage deeply with the topic.

The seminar helped bridge the gap between academic learning and real-world regulatory practices. Students were able to clarify concepts related to compliance, approvals, and industry standards. Such expert-led sessions enhanced curiosity, improved career awareness, and broadened students' understanding of pharmaceutical regulations.



Startup Poster Presentation

The Startup Poster Presentation encouraged students to explore entrepreneurial thinking and present their business ideas creatively. Organised by the Entrepreneurship Club with 48 participants, the event focused on visual communication and innovation.

The competition enhanced students' ability to communicate ideas effectively in a concise format. Judges evaluated entries based on creativity, feasibility, and clarity of presentation, and prizes were awarded to the best performers.



Constitution Day Activities

The Constitution Day Activities were organised by the Cultural Club with participation from 80 students to promote awareness of legal and civic responsibilities. The program highlighted the importance of constitutional values and their relevance in everyday life. The celebration combined formal observance with active student involvement.

Activities included discussions, speeches, and awareness sessions focused on rights and duties of citizens. Students gained a deeper understanding of democratic principles and governance. The event reinforced the idea that healthcare professionals must also be responsible and informed citizens.



Strength training for pharmacy profession

This session, led by Dr. C. Subramaniam, focused on physical fitness and its importance in professional life. It provided students with practical exposure to strength training techniques that can improve work performance and overall well-being. The initiative highlighted the role of personal health in delivering effective patient care.

Students actively participated in demonstrations and learned exercises that can be incorporated into daily routines. The session emphasized discipline, consistency, and preventive health practices. It reinforced the institution's belief that healthy professionals are better equipped to serve society.



Fitness & Nutrition Talk

The Fitness & Nutrition Talk, organised by the Sports Club with participation from 160 students, focused on promoting health awareness among students. The session highlighted the importance of balanced nutrition and physical activity in maintaining overall well-being.

Students gained practical knowledge about diet planning, lifestyle management, and disease prevention. Interactive discussions allowed them to clarify doubts related to nutrition and fitness habits. The event encouraged students to adopt healthier lifestyles and integrate wellness into their daily routines.



Business Ethics Case Competition

The Business Ethics Case Competition, organised by the Entrepreneurship Club with 40 participants, encouraged students to analyse real-world ethical dilemmas in business. The event required participants to present solutions while considering market realities and ethical standards.

Students developed critical thinking and decision-making skills through case analysis. Judges evaluated the practicality and ethical soundness of solutions, and prizes were awarded. The competition reinforced the importance of integrity and responsible business practices in entrepreneurship.



Youth Cultural Festival

The Youth Cultural Festival, organised by the Cultural Club with participation from 100 students, celebrated creativity, diversity, and cultural expression. The event brought together students to showcase their talents through various performances and activities.

Students actively participated in organising and managing the event, gaining practical experience in coordination and teamwork. The festival created an inclusive environment where cultural diversity was appreciated. It also helped in building confidence and leadership skills among participants.



Athletics Meet

The Athletics Meet brought energy and enthusiasm to the campus, with 115 students participating in various track and field events. Organised by the Sports Club, the event highlighted the importance of physical fitness alongside academic excellence.

Students displayed determination, discipline, and competitive spirit throughout the competitions. The event encouraged participation, teamwork, and healthy rivalry. It also reinforced the institution's commitment to holistic student development through sports.



Republic Day Program

The Republic Day Program was celebrated with participation from 155 students and organised by the Cultural Club. The event highlighted the significance of India's democratic framework and the values enshrined in the Constitution.

The program included ceremonial activities, speeches, and cultural performances reflecting patriotism and unity. Students paid tribute to freedom fighters and reflected on their responsibilities as citizens. The celebration strengthened national pride and encouraged students to contribute positively to society through their profession.



FACULTY CORNER

Voices from the Teaching Community

The faculty of Guru Nanak College of Pharmaceutical Sciences brings together decades of collective experience in pharmaceutical education, research, and industry practice. In this feature, we share brief perspectives from members of our teaching community on the semester that has been — what stood out, what surprised them, and what they carry forward into the next.

“Pharmacy education goes beyond textbooks — it nurtures professionals who combine scientific expertise with a deep sense of responsibility toward society.”

— Dr. S. Duraivel

Principal

“In pharmacy, knowledge is power — but its true value lies in how responsibly it is used to serve society.”

— Mr. Brajesh Rajak

Assistant Professor, Pharmaceutics

“Behind every prescription stands a pharmacist whose role is critical in ensuring safe and effective healthcare delivery.”

— Ms. Jyotsna

Assistant Professor, Pharmaceutics

Awards & Achievements

Recognitions from August 2024 – January 2025

Our students have represented Guru Nanak College at inter-institute, regional, and national-level competitions. The following pages celebrate their successes.

AWARD · 08 January 2025 · Inter-Institute Competitions

Business Ethics Case Competition — 1st Position

This achievement brings pride to Guru Nanak College of Pharmaceutical Sciences, Dehradun. The award was secured in the “Business Ethics Case Competition” with a 1st position by Aman Singh from Guru Nanak College, Dehradun. The institution extends heartfelt congratulations to the winner for this remarkable accomplishment.

Such competitions demand analytical thinking, ethical reasoning, and strong presentation skills. Success in this event demonstrates not only individual capability but also the effectiveness of the College’s emphasis on holistic development and professional ethics.

AWARD · 08 January 2025 · Inter-Institute Competitions

Business Ethics Case Competition — 2nd Position

The College is pleased to celebrate this achievement earned in the “Business Ethics Case Competition,” where Neha from Guru Nanak College, Dehradun secured the 2nd position. This recognition is the result of consistent effort, preparation, and the courage to compete at a higher level.

Such accomplishments highlight the importance of perseverance and dedication. They also reflect the institution’s commitment to nurturing capable and confident professionals who are prepared to excel in competitive environments.

AWARD · 08 January 2025 · Inter-Institute Competitions

Business Ethics Case Competition — 3rd Position

Guru Nanak College of Pharmaceutical Sciences takes pride in this achievement, where Abhishek Yadav secured the 3rd position in the “Business Ethics Case Competition.” This success is a testament to sustained effort, practice, and determination.

The College believes that every student has the potential to excel, and achievements like this reinforce that belief. These recognitions contribute to building a legacy of excellence and serve as motivation for future students.

AWARD · 18 January 2025 · Inter-Institute Competitions

National-Level Chess Championship — 1st Position

This remarkable accomplishment was achieved in the “National-Level Chess Championship,” where Deepak Bisht secured the 1st position. The College celebrates this success as a reflection of strategic thinking, patience, and intellectual discipline.

Achievements in such competitions require rigorous practice and sharp analytical skills. This recognition further strengthens the institution’s commitment to promoting excellence across both academic and extracurricular domains.

AWARD · 25 January 2025 · *Inter-Institute Competitions*

Rural Entrepreneurship Challenge — 1st Position

This achievement marks a proud moment for Guru Nanak College of Pharmaceutical Sciences, Dehradun. The award was secured in the “Rural Entrepreneurship Challenge” with a 1st position by Dhirti Bishwas from Guru Nanak College, Dehradun. The College extends sincere congratulations for this outstanding performance.

Competitions of this nature encourage innovation and practical problem-solving. Such achievements reflect the institution’s emphasis on entrepreneurship and its commitment to preparing students for real-world challenges.

AWARD · 25 January 2025 · *Inter-Institute Competitions*

Rural Entrepreneurship Challenge — 2nd Position

The College celebrates this commendable achievement in the “Rural Entrepreneurship Challenge,” where Amit Thakur secured the 2nd position. This success is the result of focused effort, creativity, and consistent preparation.

Participation in such events enhances practical knowledge and entrepreneurial thinking. The achievement contributes to the College’s growing recognition and showcases the effectiveness of its student development initiatives.

AWARD · 25 January 2025 · *Inter-Institute Competitions*

Rural Entrepreneurship Challenge — 3rd Position

This recognition in the “Rural Entrepreneurship Challenge” with a 3rd position was achieved by Bharti from Guru Nanak College, Dehradun. Each award earned by a student reflects the collective contribution of the entire academic community, including mentors, peers, and family support.

The College places strong emphasis on external exposure as it broadens perspectives and enhances learning experiences. This achievement highlights both individual excellence and the supportive institutional culture that fosters success.

Student Research Projects

Final-year dissertations · 2024-25 batch

The capstone research undertaken by our final-year B. Pharm students. Each project represents months of dedicated scholarly effort under faculty mentorship.

Phytochemical, Physicochemical & Anti-Inflammatory Investigation Of Leaves And Root Of Lantana Camara Linn.

Student dissertation projects are the capstone of a B. Pharm programme and offer a window into the future research careers of those who undertake them with seriousness. The chosen investigation — "Phytochemical, Physicochemical & Anti-Inflammatory Investigation Of Leaves And Root Of Lantana Camara Linn." — sits within the student's chosen area of pharmaceutical specialization. Undertaken by Aamir Rehaman, supervised by Kriti Dabral.

Area of specialization: Pharmaceutics. Output type: Research Paper. Aligned with Programme Outcomes 1-11 and relevant Programme Specific Outcomes. In this case, the investigation was conducted with close attention to scientific method, ethical responsibility, and institutional project guidelines. The faculty supervisor provided mentorship at every stage, and the student developed both the subject-matter expertise and the soft skills — independent problem-solving, time management, academic writing — that are expected of a pharmacy graduate ready to step into the professional world. The work aligns with multiple Programme Outcomes of the curriculum and contributes meaningfully to the department's evolving research portfolio.

Formulation And Evaluation Of Herbal Wound Healing Gel

This final-year dissertation work, undertaken by the student in the 2024-25 batch, represents a significant academic milestone in a four-year Bachelor of Pharmacy journey. The chosen investigation — "Formulation And Evaluation Of Herbal Wound Healing Gel" — sits within the student's chosen area of pharmaceutical specialization. Undertaken by Abhishek Kumar, supervised by Kriti Dabral. Area of specialization: Pharmaceutics. Output type: Research Paper. Aligned with Programme Outcomes 1-11 and relevant Programme Specific Outcomes. The project reflects the academic rigour, methodological discipline, and scientific curiosity that the College seeks to instil in every pharmacy graduate. Carried out under close faculty mentorship, the investigation involved a structured cycle of literature review, planning, experimentation or analysis, documentation, and oral defence, culminating in a dissertation document that will remain a formal contribution to the College's research output. Projects such as this one equip the graduate with practical research experience and prepare them for careers in formulation development, pharmacognosy, analytical sciences, or post-graduate academic study.

Intelligent Patient Counseling: A Novel AI-Driven Strategy To Fight Antimicrobial Resistance (AMR)

Student dissertation projects are the capstone of a B. Pharm programme and offer a window into the future research careers of those who undertake them with seriousness. The chosen investigation — "Intelligent Patient Counseling: A Novel AI-Driven Strategy To Fight Antimicrobial Resistance (AMR)" — sits within the student's chosen area of pharmaceutical specialization. Undertaken by Abhishek Yadav, supervised by Kriti Dabral. Area of specialization: Pharmaceutics. Output type: Thesis. Aligned with Programme Outcomes 1-11 and relevant Programme Specific Outcomes. In this case, the investigation was conducted with close attention to scientific method, ethical responsibility, and institutional project guidelines. The faculty supervisor provided mentorship at every stage, and the student developed both the subject-matter expertise and the soft skills — independent problem-solving, time management, academic writing — that are expected of a pharmacy graduate ready to step into the professional world. The work aligns with multiple Programme Outcomes of the curriculum and contributes meaningfully to the department's evolving research portfolio.

Serenitea: Herbal Tea Bags For Hypertension Management

This final-year dissertation work, undertaken by the student in the 2024-25 batch, represents a significant academic milestone in a four-year Bachelor of Pharmacy journey. The chosen investigation — "Serenitea: Herbal Tea Bags For Hypertension Management" — sits within the student's chosen area of pharmaceutical specialization. Undertaken by Avinash Kumar, supervised by Archana Rautela. Area of specialization: Pharmaceutics. Output type: Thesis. Aligned with Programme Outcomes 1-11 and relevant Programme Specific Outcomes. The project reflects the academic rigour, methodological discipline, and scientific curiosity that the College seeks to instil in every pharmacy graduate. Carried out under close faculty mentorship, the investigation involved a structured cycle of literature review, planning, experimentation or analysis, documentation, and oral defence, culminating in a dissertation document that will remain a formal contribution to the College's research output. Projects such as this one equip the graduate with practical research experience and prepare them for careers in formulation development, pharmacognosy, analytical sciences, or post-graduate academic study.

Formulation And Evaluation Of Herbal Mosquito Repellent Cream

Student dissertation projects are the capstone of a B. Pharm programme and offer a window into the future research careers of those who undertake them with seriousness. The chosen investigation — "Formulation And Evaluation Of Herbal Mosquito Repellent Cream" — sits within the student's chosen area of pharmaceutical specialization. Undertaken by Harsh Gupta, supervised by Kriti Dabral. Area of specialization: Pharmaceutics. Output type: Research Paper. Aligned with Programme Outcomes 1-11 and relevant Programme Specific Outcomes. In this case, the investigation was conducted with close attention to scientific method, ethical responsibility, and institutional project guidelines. The faculty supervisor provided mentorship at every stage, and the student developed both the subject-matter expertise and the soft skills — independent problem-solving, time management, academic writing — that are expected of a pharmacy graduate ready to step into the professional world. The work aligns with multiple Programme Outcomes of the curriculum and contributes meaningfully to the department's evolving research portfolio.

Brief Pharmacognostic Study On Datura Innoxia

This final-year dissertation work, undertaken by the student in the 2024-25 batch, represents a significant academic milestone in a four-year Bachelor of Pharmacy journey. The chosen investigation — "Brief Pharmacognostic Study On Datura Innoxia" — sits within the student's chosen area of pharmaceutical specialization. Undertaken by Himanshu Sharma, supervised by Archana Rautela. Area of specialization: Pharmaceutics. Output type: Thesis. Aligned with Programme Outcomes 1-11 and relevant Programme Specific Outcomes. The project reflects the academic rigour, methodological discipline, and scientific curiosity that the College seeks to instil in every pharmacy graduate. Carried out under close faculty mentorship, the investigation involved a structured cycle of literature review, planning, experimentation or analysis, documentation, and oral defence, culminating in a dissertation document that will remain a formal contribution to the College's research output. Projects such as this one equip the graduate with practical research experience and prepare them for careers in formulation development, pharmacognosy, analytical sciences, or post-graduate academic study.

Nutraceuticals In Modern Pharmacy: Bridging Nutrition And Therapeutics

Student dissertation projects are the capstone of a B. Pharm programme and offer a window into the future research careers of those who undertake them with seriousness. The chosen investigation — "Nutraceuticals In Modern Pharmacy: Bridging Nutrition And Therapeutics" — sits within the student's chosen area of pharmaceutical specialization. Undertaken by Niloy Sharma, supervised by Kriti Dabral. Area of specialization: Pharmaceutics. Output type: Research Paper. Aligned with Programme Outcomes 1-11 and relevant Programme Specific Outcomes. In this case, the investigation was conducted with close attention to scientific method, ethical responsibility, and institutional project guidelines. The faculty supervisor provided mentorship at every stage, and the student developed both the subject-matter expertise and the soft skills — independent problem-solving, time management, academic writing — that are expected of a pharmacy graduate ready to step into the professional world. The work aligns with multiple Programme Outcomes of the curriculum and contributes meaningfully to the department's evolving research portfolio.

Study And Review Of Oral Anti-Cancer Drugs Present In Market

The final-year project gives every student the opportunity to become, briefly, a researcher — to pose a question, design an approach, and produce an answer that contributes to the larger body of pharmaceutical knowledge. The chosen investigation — "Study And Review Of Oral Anti-Cancer Drugs Present In Market" — sits within the student's chosen area of pharmaceutical specialization. Undertaken by Mo Raza, supervised by Kriti Dabral. Area of specialization: Pharmaceutics. Output type: Thesis. Aligned with Programme Outcomes 1-11 and relevant Programme Specific Outcomes. The investigation was aligned with contemporary trends in the field and addressed issues of practical significance. Completion of such a project demonstrates the student's capacity for sustained scientific effort and positions them well for opportunities in industrial R&D, clinical research organisations, regulatory bodies, or further academic study. The College is proud to list this dissertation among the outputs of the 2024-25 graduating cohort.

CAMPUS LIFE GALLERY

Moments from August 2024 – January 2025

A campus is, at its best, a mosaic of moments — the shared laugh in a corridor, the quiet concentration of a laboratory, the roar of a sporting victory, the hush of a research presentation. The pages that follow invite readers to see this semester through a gallery of such moments.



LOOKING AHEAD

What the Coming Semester Holds

As this issue goes to press, preparations are already underway for the next semester, which will bring fresh cohorts, fresh events, and fresh opportunities for growth. Our calendar includes continued sessions of the Research Club with a focus on advanced research methodology, regular Entrepreneurship Club events designed to stretch student thinking on venture creation, Sports Club tournaments that keep the competitive spirit alive across all four batches, and Cultural Club programmes marking the festivals and national days that punctuate the academic calendar.

Faculty members will continue to deliver research seminars on cutting-edge topics; guest speakers from the pharmaceutical industry, regulatory agencies, and academia will visit the campus through the Industry-Academia engagement cell; and students will participate in external competitions that carry the name of Guru Nanak College to the regional and national stage.

Readers of this newsletter can expect the next issue to document those months with the same care and warmth they have come to expect. Until then, we invite every member of the GNCPS family to engage enthusiastically with the opportunities the campus continues to offer.

CREDITS & ACKNOWLEDGEMENTS

Chief Patron

Hon. Bhupinder Singh Arora, Chairman — Guru Nanak Educational Trust

Patron

Mrs. Vineet Arora, COO — Guru Nanak Educational Trust

Editorial Advisor

Dr. S. Duraivel, Principal — Guru Nanak College of Pharmaceutical Sciences, Dehradun

Editor

Ms. Kriti Dabral, Associate Professor, Department of Pharmaceutics

Editorial Committee

Dr. Nidhi Chatterji, Dean Admissions

Dr. Vishal Kamboj, Controller of Examinations

Dr. Lalit Kumar, Registrar

Mr. Sunil Datt Belwal, Associate Professor

Photography Credits

All photographs are sourced from the GNCPS media archives with contributions from student volunteers and club photographers.

Published by

Guru Nanak College of Pharmaceutical Sciences, Dehradun

Jhajhra, Chakrata Road, Dehradun — 248007, Uttarakhand, India

Disclaimer

The content of this newsletter is compiled from institutional records, event reports, and inputs from faculty and student coordinators. While every effort has been made to ensure accuracy, the editorial team welcomes corrections and suggestions for future issues.

THE PHARMA CHRONICLE

Volume III · Issue 1

August 2024 – January 2025

“Learning is not attained by chance; it must be sought for with ardor and diligence.”

– Abigail Adams

GURU NANAK COLLEGE OF PHARMACEUTICAL SCIENCES

Jhajhra, Chakrata Road, Dehradun — 248007, Uttarakhand, India

Est. 2018 · Affiliated to VMSB Uttarakhand Technical University · Approved by PCI