



11th Edition

Session: 2024-25



# EQUILIBRIUM

## 2025

**DEPARTMENT OF CHEMISTRY**

**HANSRAJ COLLEGE**

**UNIVERSITY OF DELHI, 110007**

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# PREFACE

It's finally time! We present to you the culmination of the entire year's efforts: the eleventh edition of Equilibrium 2024-25, the Annual Magazine of the Department of Chemistry, brought to you by Rasayanatva, the Chemical Society of Hansraj College.

Through the pages of this magazine, one will experience first-hand the rollercoaster ride that was the 2024-25 tenure where the Society and Department both achieved new heights in all aspects. They will also get to witness the sheer talent that our department possesses, talent that drives us to excel in our chosen fields and maintains our position as one of the leading departmental societies in the University of Delhi. From prose and poetry that will leave you stirred and moved, to the interviews and slightly less serious sections that are sure to make you chuckle, Equilibrium 2024-25 has it all!

This magazine also serves as a physical reminder of the memories we shared and the friends we made, and to the batch that's leaving this year – we could not have asked for better seniors to guide and mentor us. We hope to keep your legacy alive and breathing for years to come.

Happy reading!

Regards,  
Team Equilibrium,  
Rasayanatva 2024-25

# ACKNOWLEDGEMENT

We extend our heartfelt gratitude to our principal, Prof. (Dr.) Rama and our esteemed faculty members. The magazine, as with all our other projects and undertakings, could not have been realized without their unwavering dedication and support. Their dedication to nurturing inquisitive minds and fostering a spirit of scientific curiosity has been key in shaping the vibrant and engaging academic environment we are proud to be a part of.

A huge thank you also goes out to the non-teaching faculty, without whose contributions and aid have been the cornerstone of the Department of Chemistry. Their tireless efforts have served as a catalyst for the continuous improvement of our learning and work environment and the development and growth of the Department.

We would also like to thank all of the contributors to the magazine for taking out the time to formulate submissions and express themselves in their own way. Your creativity and vision have played an integral role in shaping the society's work and has helped us achieve newer heights every time.

Lastly, to our readers, we thank you for taking the time to engage with this edition of the annual magazine of the Department of Chemistry. It is our hope that this magazine reflects the spirit of inquiry, creativity, and collaboration that defines our department. Whether you are a student, faculty member, alumnus, or guest, your support inspires us to keep striving for excellence in both academics and expression.

# EDITORS' NOTE

Ayush Raj Oinam and Mishthi Sharma



"The future belongs to those who believe in the beauty of their dreams."

With the words of Eleanor Roosevelt echoing in their minds, the young minds at Rasayanatva embarked on a journey of blending notes into a perfect symphony, all while constantly conceiving ideas that would completely change the format of 'Equilibrium'. It is not an easy task to look for something positive daily, especially when some days seem a little harder than the previous ones. The Department of Chemistry, each with a different and mighty imagination, looking up to us with hope infused in them, reminded us each day of the colossal work to pen down the fantasy each one of them carried in their heads, in a limited number of pages. The journey of being on the editorial board of 'Equilibrium' was one filled with challenges and hardships, enriched by self-belief, team work and countless memories. To know that you had to create something that would have the potential to live up to the expectations of your own self and of those around you, was indeed a daunting task but the hard work and confidence of each and every board member and the trust, the Department placed in us, brought us success that is preserved in these golden pages.

We owe our sincerest gratitude to our Principal, Prof. (Dr.) Rama, whose wisdom and encouragement were a constant source of motivation and unwavering support, making 'Equilibrium' possible. Our deepest thanks also go to the Convenor, Dr. Manoj Kumar, who offered invaluable help with our urgent tasks and numerous requests. To our Teacher-in-Charge, Dr. Himanshu, we're profoundly thankful for her meticulous oversight and crucial assistance at every step. This magazine would not have been possible without the tireless efforts of my fellow magazine compilers, whose dedication and commitment transformed countless ideas into these vibrant pages. Every single person who submitted an article, poem, artwork, or photograph also deserves our heartfelt appreciation; your creativity is the true essence of 'Equilibrium,' and we are incredibly proud to showcase your contributions. Finally, we also thank our teachers and readers, who were constant pillars of support and inspiration. Their conscientiousness and extraordinary dedication breathed life into these everlasting pages, making this endeavour a reality.

With a vision in our heads, we worked together in unity through the year, laughing, joking, helping each other to the fullest and now that the vision has been accomplished, we smile to ourselves thinking of the beautiful memories we created during this incredible journey. In the end, we would like to leave the readers with a message - The woods are lovely, dark and deep but we have promises to keep; and miles to go before we sleep, and miles to go before we sleep...

# MESSAGE FROM MAGAZINE COMPILERS

Piyush Yadav, Megha Bisht, Yashika and Ashish Kumar Yadav



Dear Readers,

We are pleased to present this latest edition of our magazine—a culmination of thoughtful planning, technical precision, and collective effort. It has been an enriching experience to oversee and compile content that not only highlights the creativity within our community but also upholds the standards of excellence we strive for.

In our capacity as Technical Heads for this tenure, we have aimed to ensure that each article, poem, and feature within these pages is curated with care, accuracy, and purpose. Beyond showcasing talent, this edition serves as a testament to the growth, innovation, and dedication that define our community.

We trust that you will find this edition both engaging and thought-provoking, and we hope it leaves a lasting impression well beyond the final page.

Thank you for being part of this continuing journey.

With sincere regards,  
**Technical Team**





The Department of Chemistry at Hansraj College is renowned for its academic excellence and is considered one of the most prestigious departments in the institution. It not only serves its core students but also supports learners from various other science disciplines, emphasizing on interactive collaborations with other departments.

The curriculum offers students exposure to a wide array of subjects, including Green Chemistry, Environmental Chemistry, Analytical Chemistry, Computational Chemistry, and Industrial Chemistry. Additionally, specialized papers offered through Value Addition Courses, Skill Enhancement Courses and Discipline-Specific Electives introduce students to fields including but not limited to Pharmaceutical Chemistry, Pesticide Chemistry, Molecular Modelling & Drug Design, Fuel Chemistry, Polymer Chemistry, and Cosmetics & Perfumes. This diverse academic framework helps students explore different areas and make informed decisions about their future interests.

With six well-equipped chemistry labs and four dedicated instrumentation labs, students receive hands-on training that strengthens their practical skills. The department's Chemical Society further enhances the academic experience by organizing seminars and workshops on cutting-edge research topics. At the heart of the department is its passionate and supportive faculty, who prioritize collaborative learning to foster student growth and curiosity.

# ABOUT THE DEPARTMENT





# ABOUT RASAYANATVA

Rasayanatva- the Chemical Society of Hansraj College is one of the most vibrant and reputed departmental societies in the University of Delhi. It inspires curiosity and a love for chemical sciences, helping students broaden their understanding and reignite their passion for Chemistry.



The society hosts a variety of engaging events—including seminars, workshops, quizzes, and thought-provoking discussions—that not only enhance academic knowledge but also nurture interpersonal and leadership abilities. Rasayanatva also publishes an annual magazine and journal, providing students with a platform to express their ideas and strengthen their creative and analytical skills.

The society welcomes everyone—from academically inclined students and those who prefer to stay within their comfort zones to those who are new to the wonders of science. Rasayanatva encourages all to explore their potential and grow in confidence. It seeks individuals who have a scientific outlook and a keen desire to learn, discover, and contribute to extend the reach of the chemical sciences at the undergraduate level and further.

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# FROM THE principal



## **PROF. (DR.) RAMA**

PRINCIPAL, HANSRAJ COLLEGE  
UNIVERSITY OF DELHI

*It gives me immense pleasure to extend my heartfelt congratulations to the Department of Chemistry and Rasayanatva – The Chemical Society on the publication of the 11th edition of Equilibrium, the department's annual magazine.*

*Over the years, Equilibrium has emerged as a vibrant platform that reflects not only the academic pursuits of our students but also their creativity, critical thinking, and scientific temper. The continued efforts of Rasayanatva in organizing lectures, events, and competitions — while also curating this annual edition — reflect a deep commitment to both excellence and engagement in science.*

*May Equilibrium continue to inspire curiosity, innovation, and collaboration within and beyond the academic community.*

*Wishing the Department continued success in all its future endeavours.*

# CONVENOR

*It gives me immense pride and joy to witness the release of the 11th edition of Equilibrium, the annual magazine of Rasayanatva.*

*I, being the Convenor, have had the privilege to closely observe the commendable progress that has been made. This academic year has been exceptionally fruitful, marked by a series of thoughtfully curated events, vibrant participation, and several enriching initiatives introduced by the society. The society has grown in both depth and reach, embracing innovation while remaining rooted in the values of scientific inquiry.*

*I commend the entire core team for their tireless efforts in making this year a memorable chapter in Rasayanatva's journey. Their ability to adapt, ideate, and lead is truly commendable. Wishing the entire team of Rasayanatva – The Chemical Society continued success, growth, and meaningful achievements in the years to come.*



**DR. MANOJ KUMAR**



# TEACHER IN CHARGE

*It gives me immense pleasure to extend my warmest greetings and heartfelt congratulations to the entire team of Rasayanatva – The Chemical Society of Hansraj College on the publication of the 11th edition of the annual magazine, Equilibrium.*

*This academic year has been a truly remarkable one for the society. The dedication and enthusiasm displayed by the student council has translated into a successful calendar of events — ranging from intellectually enriching lectures and competitions to impactful outreach initiatives. It is particularly commendable to witness the launch of new ideas and formats that have added fresh dimensions to Rasayanatva's legacy of excellence.*

*I would like to express my appreciation to all students, faculty mentors, and contributors who have worked with such sincerity to ensure the continued success. May the team continue to scale new heights, inspire the upcoming batches, and uphold the values of curiosity, innovation, and collaboration.*



**DR. HIMANSHU**

# PROGRAM CO-ORDINATOR

*It's been wonderful to see Rasayanatva – The Chemical Society grow and improve with each passing year. As the Program Coordinator, I've had the chance to watch the students plan and carry out meaningful events, take up new ideas, and work together with great energy.*

*This year, the society has done a great job balancing new initiatives with its regular activities. The 11th edition of Equilibrium captures all these efforts very well and showcases the talent, hard work, and creativity of the entire team.*

*Congratulations to everyone involved. Keep working with the same dedication, and I wish you all the best for the future.*

*Warm regards!*



**DR. SONU KUMAR**

*Verba*

*Valedictoria*

**FINAL WORDS, ETERNAL ECHOES.**





# PRESIDENT

*Dear Family,*

*It's difficult to find the right words for a journey that has meant everything. As I pen down this farewell note, I find myself overwhelmed with emotions - gratitude, nostalgia, and an overwhelming sense of pride. It's the closing of a chapter I'll always hold close.*

*Serving as the President of our department has been one of the most enriching and unforgettable experiences of my life. This wasn't just a title — it was a responsibility, a commitment, and a deep bond with every single person who made this team what it is today.*

*This year wasn't just about organizing events or fulfilling responsibilities - It was raw, real, full of learning curves, silent struggles, loud victories, late nights, early mornings, and unspoken support. But above all, it was a year of growth — as individuals, as a team, and as a family. We built something meaningful. Something lasting. From brainstorming ideas in cramped rooms to executing events that brought life to our campus — we showed what heart, hustle, and unity can achieve. I saw sparks in each of you, and together, we created fireworks.*

*To my core team — thank you for trusting the vision, for standing strong even in chaos, and for always showing up. I'm proud of what we've built.*



**GARV JAIN**



# PRESIDENT



**GARV JAIN**

*To our juniors and first-years — you are the heartbeat of Rasayanatva's tomorrow. Nurture this family, carry forward the legacy and meaning we stood for, and never forget: it's not the position that defines you, it's your intention and your impact. Lead with love. Always.*

*As I step away from this role, I leave behind not just a society, but a lasting part of who I am. My Department has given me more than I ever asked for — and I'll forever be grateful. I may no longer hold the title, but I'll always be there — cheering for you from the sidelines, rooting for your victories, and smiling as you carry forward the legacy we built together.*

*The journey concludes, but not the flame,  
We carved our mark beyond just name.  
Through restless nights and tireless days,  
We built a legacy in countless ways.*

*Now newer dreams will shape this voice,  
A fresher chorus will make the choice.  
The chapter turns — the ink is yours,  
As I always say, from mine to yours.*

*With all my love and deepest gratitude,  
Signing off!*



# VICE PRESIDENT

*To the Heart & Soul of Rasayanatva!!*

*As my term as vice president comes to an end. A tidal wave of emotions rushes through me. Really It's very hard to believe that this incredible journey is coming to an end. Serving in this role has been an incredible honor and a truly rewarding experience that filled with ups, downs, challenges, victories, and countless memories that I will carry with me forever.*

*This role has taught me more than I could have imagined — about leadership, about people, about perseverance, and most importantly, about myself.*

*Together, we've achieved so much like hosting successful events, growing membership, or overcoming challenges and most important peoples like you all. None of this would have been possible without the dedication, passion, and collaboration of each and every one of you.*

*So Support one another, celebrate each other's growth, and never forget the power of true teamwork. Be honest in your intentions, responsible in your actions, and kind in your leadership. You may face challenges, but know that the strength of a team lies not in perfection, but in how it stands together through adversity. Make it count.*



**HARSHIT  
UPADHAYAY**



# VICE PRESIDENT



**HARSHIT  
UPADHAYAY**

*As I bid goodbye to this chapter, I do so with immense gratitude in my heart. I'm not just leaving a position — I'm leaving behind a family. A family that believed in a shared vision, that worked tirelessly, and that always stood together. And I have no doubt that under new leadership this society mission will remain as strong as ever and will continue to thrive and reach even greater heights.*

*I may no longer hold the title, but I'll always be cheering for you - for all the milestones yet to come and the legacy you will continue to build! Keep shining, and make Rasayanatva proud!!!!*

*With immense pride and warmest wishes!!*

*Signing off!!*

# VICE PRESIDENT



**SNEHA SONI**

*Dear Members,*

*As I bid farewell to Hansraj College and Rasayanatva that has been an integral part of my journey – my heart is full of gratitude and nostalgia. From stepping in as the Creative Head to serving as the Vice President, this incredible journey has been nothing short of transformative. Every theme, decoration we designed, every event we planned, every challenge we overcame – they all shaped me into who I am today.*

*Rasayanatva gave me the platform to express, lead, and evolve. Organizing seminars, chemostav, and interactive sessions taught me responsibility, teamwork, and the power of vision. I cherish the laughter in the labs, the hustle before events, the countless meetings that turned into memories, and the friendships that blossomed along the way.*

*College life is now coming to an end and it seems like we came yesterday only. Though it's bittersweet, I know that every moment spent here will remain ingrained in my heart forever. Whenever I will close my eyes these years I spent here will run through in front of me. I walk away with a wealth of experience and a heart full of emotions. Rasayanatva wasn't just a society—it was my learning ground. Thank you for everything. I'll miss it all deeply.*

*With heartfelt gratitude,  
Signing off!*



# SENIOR SECRETARY



**RAHUL**

*Dear Members,*

*As I step down from my role as Senior Secretary, I do so with immense gratitude and pride. It has been a true honor to serve this society, to work with dedicated and passionate members, and to contribute to the growth and success of our department.*

*This journey has been filled with valuable lessons that I actually learnt throughout meaningful efforts, and moments that you all created, I will carry these moments with me always. I'm proud of what we've achieved together—from overcoming each and every difficulty to celebrating at various moments. None of it would have been possible without your trust and support.*

*While my tenure ends here, but my connection to this society remains forever. I look forward to watching it grow under new leadership, and I am confident that even greater things lie ahead when you will work as a team with trust and unity.*

*Thank you for the opportunity, the memories, and the trust. Wishing all of you continued success and best of luck in whichever field you will go.*

*One more thing agar koi bhi dikkat ho to anytime you can contact us.*

*Warm regards,  
Signing off!*



# TREASURER



**KARAN MEHRA**

*As I prepare to step down from the role of Treasurer, I do so with immense pride and heartfelt gratitude. Being part of this society's journey has been truly fulfilling, and it's been an honor to support its progress, stability, and meaningful initiatives.*

*What made this experience truly memorable were the people I had the privilege to work with—dedicated members, volunteers, and passionate fellow leaders. Each person brought something valuable to the table, and together, we accomplished goals that would have been impossible alone. Whether it was organizing events, planning for the future, every achievement was the result of teamwork and shared purpose.*

*To all members of the society, thank you. Your trust, collaboration, and shared values have been the driving force behind every success. You are the heart of this organization, and I'm grateful for the memories we've created together.*

*Looking ahead, I'm confident the society will continue to flourish. With your dedication to innovation, inclusiveness, and integrity, the future is indeed bright. Stay true to your mission, embrace new challenges, and continue making a positive difference.*

*Though I may no longer hold this position, my support and best wishes remain with you always. I look forward to witnessing your continued success.*

*With deep appreciation and best wishes for all that lies ahead,  
Signing off!*

# *Imago Coetus*

A TRIBUTE TO TOGETHERNESS.





# TEACHING STAFF



# NON-TEACHING STAFF



# CORE TEAM 2024-25



LEFT TO RIGHT —

RAHUL, SNEHA SONI, GARV JAIN,  
DR. MANOJ KUMAR, HARSHIT  
UPADHAYAY AND KARAN MEHRA



3RD YEAR



2ND YEAR



1ST YEAR





2024-25

## LECTURE ON SUSTAINABLE CATALYSIS USING VISIBLE LIGHT, AIR AND WATER !



## SCIQUEST : PRESENTATION SHOWDOWN



On October 8, 2024, Rasayanatva, the Chemical Society of Hansraj College, organized the SciQuest Presentation Competition, an event aimed at encouraging students to think innovatively and present their ideas with clarity and confidence.

A major highlight of the event was the keynote address by Dr. Arun Bharadwaj, a distinguished alumnus of Hansraj College and a renowned scientist at ISRO. His insightful talk focused on the impact of globalization on climate change, shedding light on pressing environmental concerns and the role of science in addressing them. Dr. Bharadwaj's presence was not only an honor but also a source of immense inspiration for the students, motivating them to pursue excellence in scientific research and innovation.

The competition witnessed enthusiastic participation, with students showcasing well-researched and thought-provoking presentations. The event concluded on a note of gratitude, with heartfelt appreciation extended to all participants for their efforts, to Dr. Bharadwaj for his enlightening words, and to the dedicated faculty members whose support and guidance ensured the success of the event.

## PLASTIC WASTE MANAGEMENT WORKSHOP & STREET PLAY



Rasayanatva - the Chemical Society & Haritima - the Environmental Awareness Society of Hansraj College, in collaboration with Indian Pollution Control Association (IPCA), successfully hosted a Workshop on Plastic Waste Management on March 21, 2025. From insightful discussions on sustainable waste practices to thought-provoking yet humor filled Street Play that highlighted the harsh realities of plastic

pollution, the event was a powerful reminder that every small step counts in the fight for a greener planet.



# RASAYANATVA

## E V E N T S



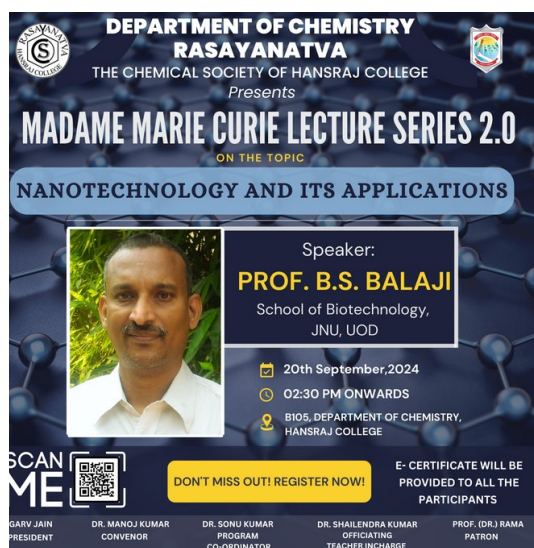


# TEACHERS' DAY 2024





# MADAME MARIE CURIE LECTURE SERIES 2.0



Rasayanatva, the Chemical Society of Hansraj College, hosted the second instalment of the Madame Marie Curie Lecture Series 2.0 in the afternoon of 20th September 2024. The event was presided over by Professor B.S. Balaji of the School of Biotechnology, Jawaharlal Nehru University, who spoke on nanotechnology and its many applications in different fields.

With his engaging style of teaching and many years' experience, Prof. Balaji illuminated how these minute innovations hold the power to revolutionize technology, medicine, and industries. His words didn't just educate—they sparked inspiration, igniting the imaginations of young minds and planting seeds of ambition in the next generation of scientists.

The event wasn't just a lecture—it was a vibrant celebration of curiosity, creativity and fun. These kinds of event often remind us that deep learning and AI are not the only innovation taking place in 21st century. At the end our event ended with the felicitation of our speaker by professor Manoj Kumar and refreshment distribution.







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the impact of globalization on climate change, shedding light on pressing environmental concerns and the role of science in addressing them. Dr. Bharadwaj's presence was not only an honor but also a source of immense inspiration for the students, motivating them to pursue excellence in scientific research and innovation.

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# 2ND INDO-MALAYSIAN INTERNATIONAL SYMPOSIUM



The Department of Chemistry, Hansraj College successfully hosted the **2nd Indo-Malaysian International Symposium on Chemical Biology and Translational Medicine**. The event was graced by the esteemed Prof. (Dr.) David Whitford, Vice-Chancellor of the University of Cyberjaya (Uoc), Malaysia, and Dr. Ashok Kumar Balaraman, Director of the Research Management Unit at UoC.

Prof. Whitford's insightful talk on **"Type 2 Diabetes: Progress and the Road Ahead"** explored innovative treatments and bariatric surgery, while Dr. Balaraman's presentation on **"Ensuring Safety and Efficiency: Herbal Medicine Regulations in the USA, Europe, and Malaysia"** emphasized the importance of regulatory frameworks in herbal medicine.

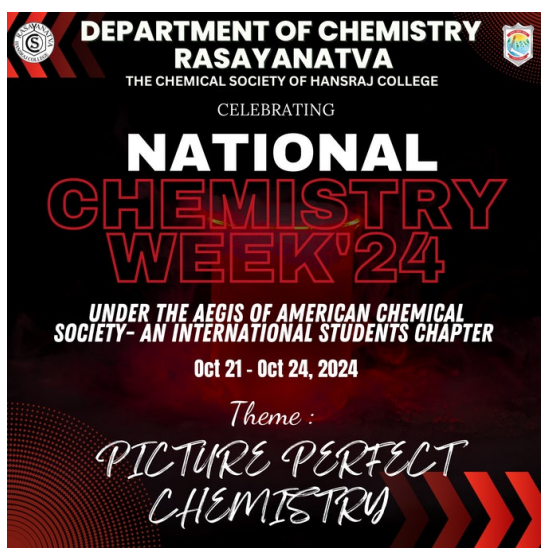
A host of other notable and enlightening presentations were given by revered experts. An award ceremony celebrated the exceptional research contributions of distinguished faculty members from Hansraj College.







# NATIONAL SCIENCE WEEK



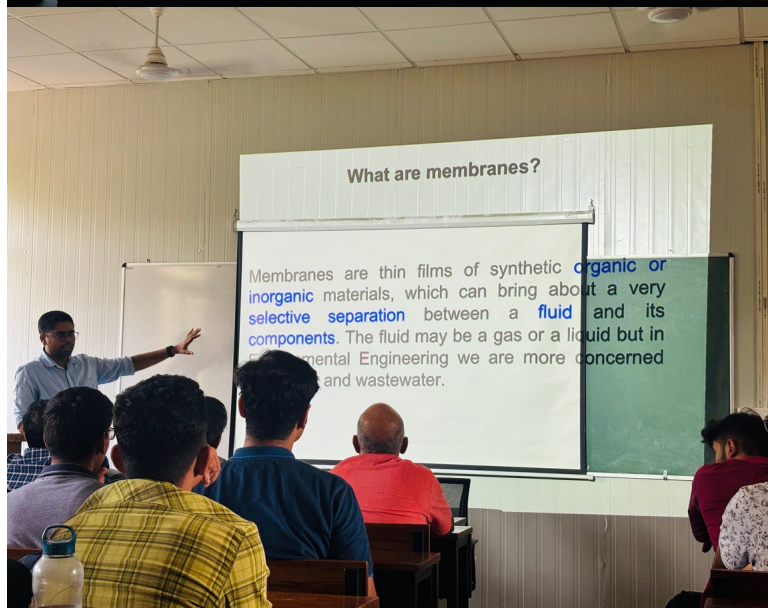
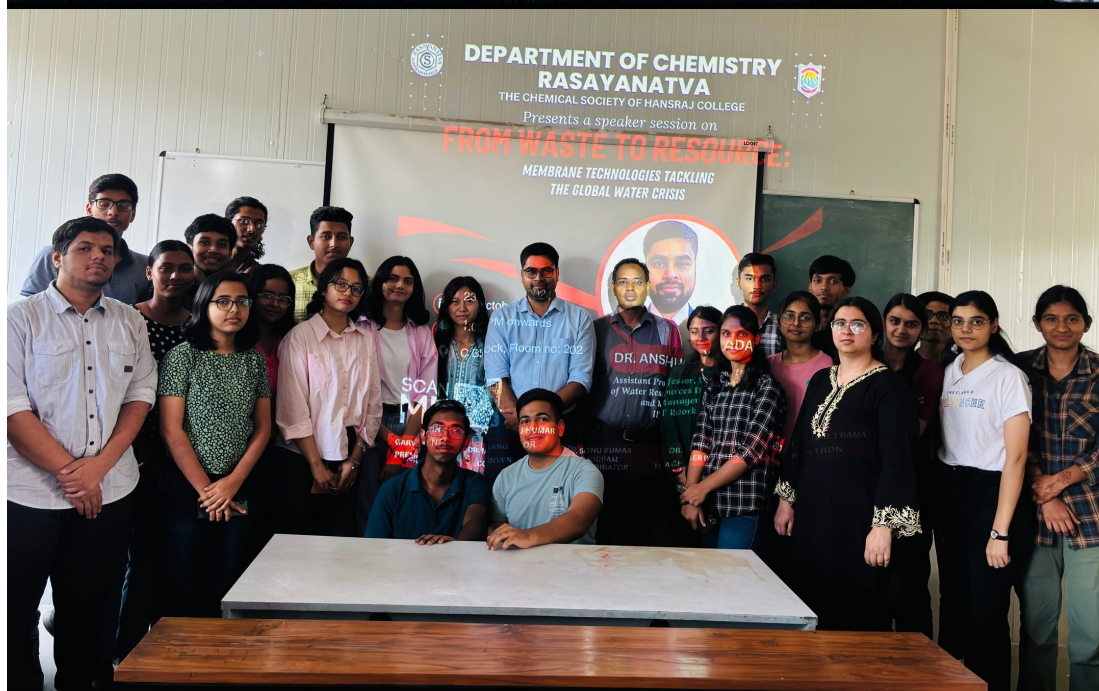
Observed each year in the third week of October, 'National Chemistry Week' is a vibrant celebration of knowledge that unites curious minds to explore the captivating ways Chemistry impacts our everyday lives — turning the ordinary into extraordinary!

Rasayanatva - The Chemical Society Of Hansraj College, brought together passionate students to engage in rigorous quizzes, horizon-expanding fun competitions, thought-provoking discussions and speaker sessions, embodying the true spirit of this

week. It truly was a picture-perfect celebration, wherein learning met inspiration and enthusiasm ignited creativity and excitement.









# FRESHERS' 2024: THE VELVET AFFAIR



Rasayanatva - the Chemical Society of Hansraj College, organized the much-awaited Departmental Fresher's Party, 'The Velvet Affair' in the afternoon of November 30, 2024. This event was more than just a brief welcoming of the freshers into the Department - it was an opportunity for the freshers to get a glimpse of what lies ahead, and form new bonds with their seniors and batchmates.

The theme 'Vintage Glamour' made everyone embrace the spirit by dressing up in their best attire and showcasing their retro style, taking all present back to the golden era, a time of glitz and shine.

Full of celebration and energy, the event brought together the freshers and seniors through games, song and dance, and of course, who can forget, the much-awaited Mr. and Ms. Freshers' competition, making a one-of-a-kind spectacle and memories that will last a lifetime. An evening truly to remember!







# LECTURE ON SUSTAINABLE CATALYSIS USING VISIBLE LIGHT, AIR AND WATER !

The Department of Chemistry organized a thought-provoking session on “Sustainable Catalysis using Visible Light, Air and Water” on 10th December 2024 by the esteemed Dr. Rajeev Gupta who is a distinguished senior professor in the Department of Chemistry, University of Delhi and a renowned expert in the field of research.

The speaker session aimed to enhance students’ understanding of sustainable chemical processes specifically catalysis, and also emphasizing its pivotal role in advancing green chemistry practices and reducing environmental impact. Prof. Gupta shared valuable insights from his extensive research and experience on the subject, emphasizing the importance of diverse approaches in order to achieve sustainable solutions. An interesting Q&A was followed by the lecture, where Dr. Gupta addressed queries of students and faculty related to practical applications and challenges in implementing sustainable practices in laboratory settings.

The event proved to be engaging, inspiring and highly informative providing the attendees with a deeper understanding of catalysis and sustainability and developing a great interest in research and innovation. The lecture session also marked yet another milestone for the Department of Chemistry in promoting academic excellence and comprehensive learning.

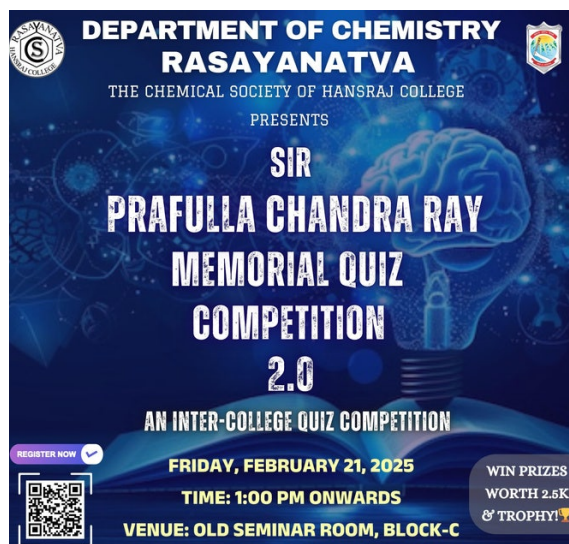


# LECTURE ON SUSTAINABLE CATALYSIS USING VISIBLE LIGHT, AIR AND WATER !





# PRAFULLA CHANDRA RAY MEMORIAL QUIZ COMPETITION 2.0



Rasayanatva, the Chemistry Society of Hansraj College, hosted the Sir Prafulla Chandra Ray Memorial Quiz Competition 2.0 on 21st February 2025 in the Old Seminar Room. The inter-college quiz cultivated scientific interest and intellectual rivalry among all the participants. The quiz started with a tribute to the father of Indian chemistry, Sir Prafulla Chandra Ray, and a welcome message.

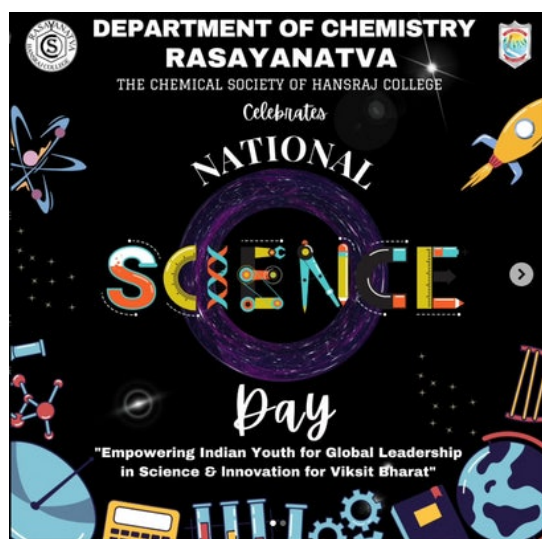
Twenty-one teams contested in the competition that had three rounds intended to prove knowledge, sense, and fast decision-making ability. The Preliminary Round took the form of a written examination that limited competition to 11 teams to face the following round. The Mind Maze Round entailed four subsidiary rounds designed to challenge analytical thinking and visual recognition skills of contesting teams until competition narrowed down to five teams. The Rapid Fire Round was a demanding test of speed and accuracy. A surprise Final Gamble Round added a strategic element, where teams bet on their answers to gain or lose points, keeping everyone on their toes until the last question. The fast-paced format generated an electric environment for contestants and audience members, keeping them on the edge of their seats right until the last question.







# NATIONAL SCIENCE DAY

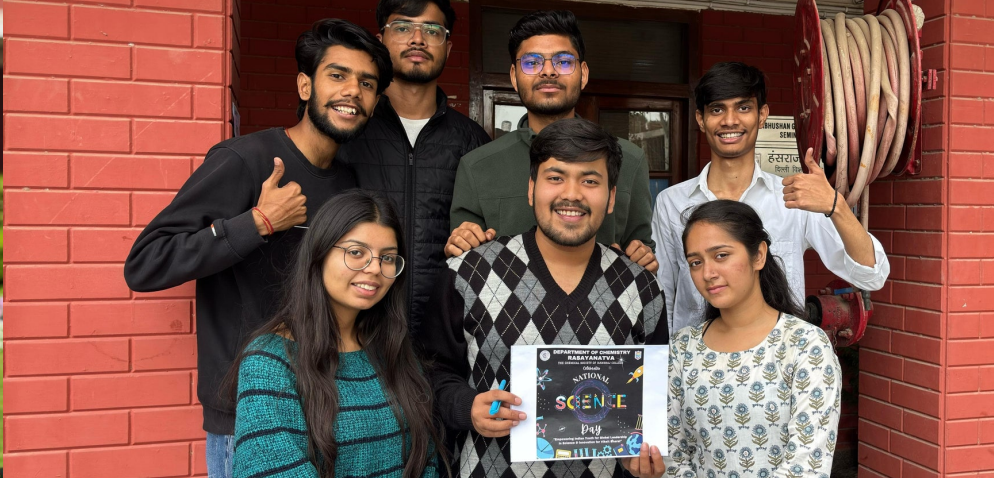


On the 27th and 28th of February 2025, Rasayanatva, in collaboration with the science departments of Hansraj College, came together to orchestrate a spectacular celebration for National Science Day. Day 1 was a workshop on Innovative Technologies in Scientific Research, followed by an inter-departmental paper presentation competition. Day 2 was a whirlwind of excitement, packed with engaging mini

games hosted by the various departmental societies. Three invigorating games were hosted by Rasayanatva on Day 2 which were: The Science Loop, Crack the Code, and Science Pictionary. The Science Loop was a team-based word-chain game where teams formed science-related words, each member starting with the last letter of the previous one where the longest chain won. Crack the Code comprised of players matched science clues on bingo cards, racing to complete a row or full card. And lastly, the Science Pictionary where teams decoded scientific terms using emoji-based clues, testing creativity and quick thinking.

These games successfully fostered teamwork, scientific curiosity and interactive learning, fully embodying the spirit of the National Science Day, and winning Rasayanatva a trophy, displaying their organizing aptitude.







# PLASTIC WASTE MANAGEMENT WORKSHOP & STREET PLAY



Rasayanatva - the Chemical Society & Haritima - the Environmental Awareness Society of Hansraj College, in collaboration with Indian Pollution Control Association (IPCA), successfully hosted a Workshop on Plastic Waste Management on March 21, 2025. From insightful discussions on sustainable waste practices to thought-provoking yet humor filled Street Play that highlighted the harsh realities of plastic

pollution, the event was a powerful reminder that every small step counts in the fight for a greener planet.





# CHEMOTSAV'25 DAY 1



Rasayanatva, the Chemical Society of Hansraj College, hosted its annual fest, Chemotsav 2025, on the 28th and 29th of March. With the theme "A Symphony of Serendipity Beyond Lab Coats," the event aimed to bring together science and creativity in a fun and engaging way.

The first day began with a cultural program, featuring energetic dance performances that celebrated India's diverse heritage. The amphitheater was filled with excitement as

students showcased their talents, creating a lively atmosphere to start the event. With the help of faculty members and under the direction of President Garv Jain and the organizing team, Day 1 of Chemotsav 2025 ended up becoming a very successful and seamless occasion. The excitement and energy in the air made it truly special, reflecting the spirit of Rasayanatva — celebrating science while embracing the vibrant culture of the college community.







# CHEMOTSAV'25

## DAY 2



Day two of Chemotsav 2025, the Annual Fest of Rasayanatva, the Chemical Society of Hansraj College, witnessed academia and student innovation in one place. Organized on 29th March at the New Seminar Hall, the day kicked off with an expert talk titled "Scientific Writing Simplified: Tools and Techniques," led by Dr. Ravi Tomar, Assistant Professor at the Department of Chemistry, SRM Institute of Science & Technology, Ghaziabad. discussing essential tips and tools for effective and precise scientific

writing and engaging students in an important discussion on clarity, organization, and accuracy in research writing and communication.

After the talk, the competitions commenced! The Ultimate Face-Off, where three competitions took place. Voices of Valor, where quick and challenging debates took place, Canvas of Ideas, the poster making competition which saw students bringing ideas to life through powerful visual work, and Through the Lens, the photography competition were the highlights of the day, with participants going all out in their respective fields. The event drew to a close with the prize distribution ceremony, honouring the remarkable talent of the attendees and encapsulating the essence of the celebration – enthusiastic involvement, collaborative spirit, and collective joy. With creativity, intellect, and the vibrant ethos of the society at its heart, Day 2 of Chemotsav 2025 exceeded expectations, leaving behind an enduring impression of excellence and unity.







# ROOTS AND RENAISSANCE

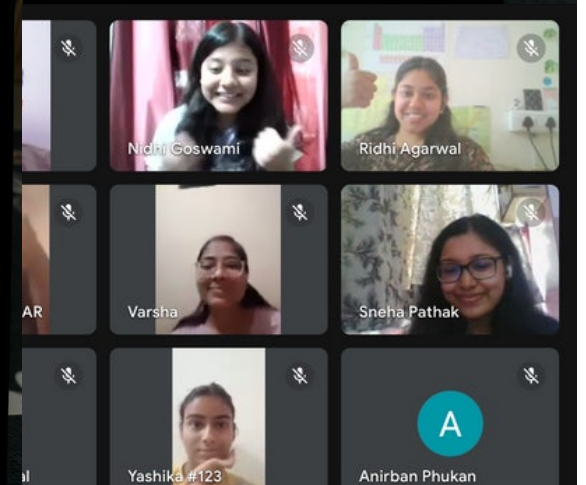
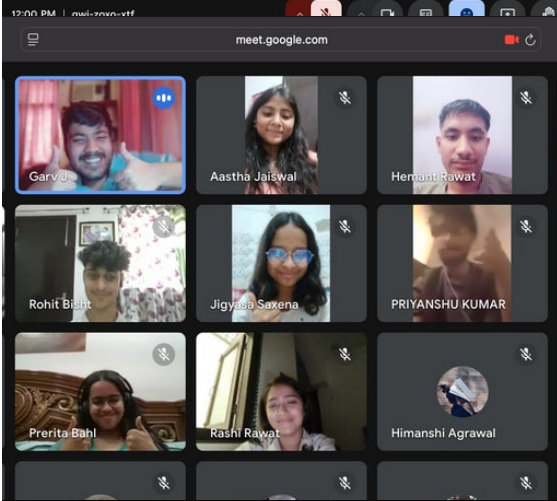


On Sunday, April 13th 2025, Rasayanatva, the Chemical Society of Hansraj College hosted a special speaker session online over Google Meet with the former President of the society (2020-2021), Mr. Ankush Paul. Mr. Paul has been a renowned figure in the teaching industry, having worked with Doubtnut, Unacademy and Filo Edutech and currently serving as Senior Chemistry Faculty at Physicswallah. He has been awarded the title of 'Intern Junior Scientist' at INMAS DRDO and has co-authored a number of research

journals and papers. This event was presided over by Mr. Garv Jain, President of Rasayanatva and hosted by Prerita Bahl, Year I and Ayush Raj Oinam, Year II and current Editorial Head for 2024-25. The event was inaugurated with a rundown of Rasayanatva's events in 2024-25 and an address by Mr. Paul, where he talked about his experience with teaching and life after graduation. Following this, the Research Heads, Rohit Bisht and Sneha Pathak led an interview delving deeper into Mr. Paul's college experiences and possible future options for his juniors, both then and now. After the interview, the session moved into a Rapid Fire Question Round, where the hosts for the afternoon asked a series of lighthearted and fun questions to Mr. Paul.

The event was a resounding success and a true celebration of the spirit of knowledge and curiosity, while also strengthening bonds with alumni and industry professionals.







# *Carrying forward the Legacy*

**KEEPING THE FLAME ALIVE**

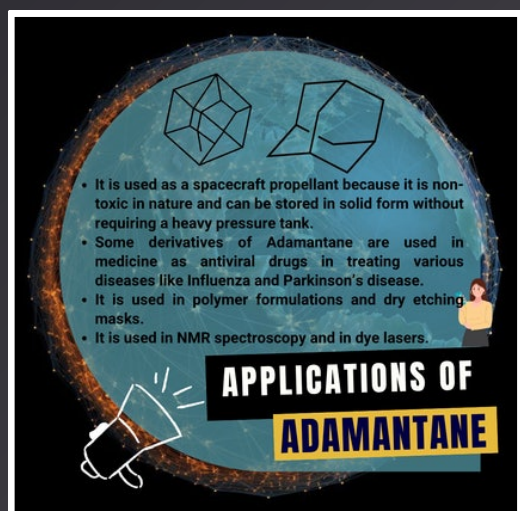
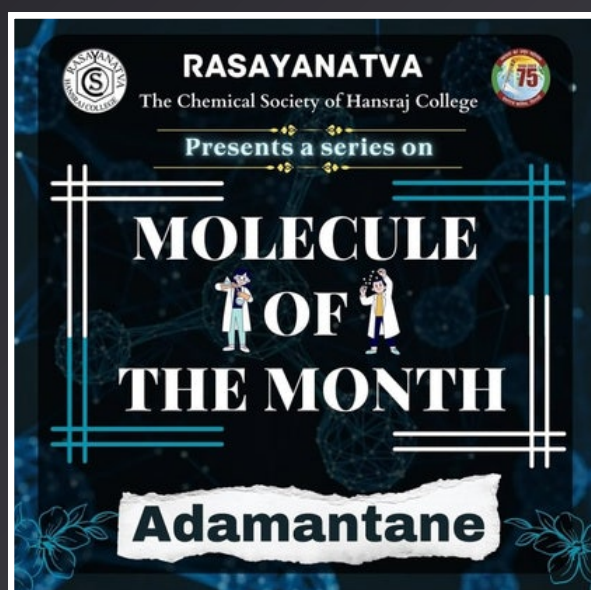




# MOLECULE OF THE MONTH

Aimed at exploring the fascinating world of Chemistry by spotlighting captivating molecules and unraveling their stories and significance, Rasayanatva, the Chemical Society of Hansraj College, introduced a brand new series in December 2023 called 'Molecule of the Month.'

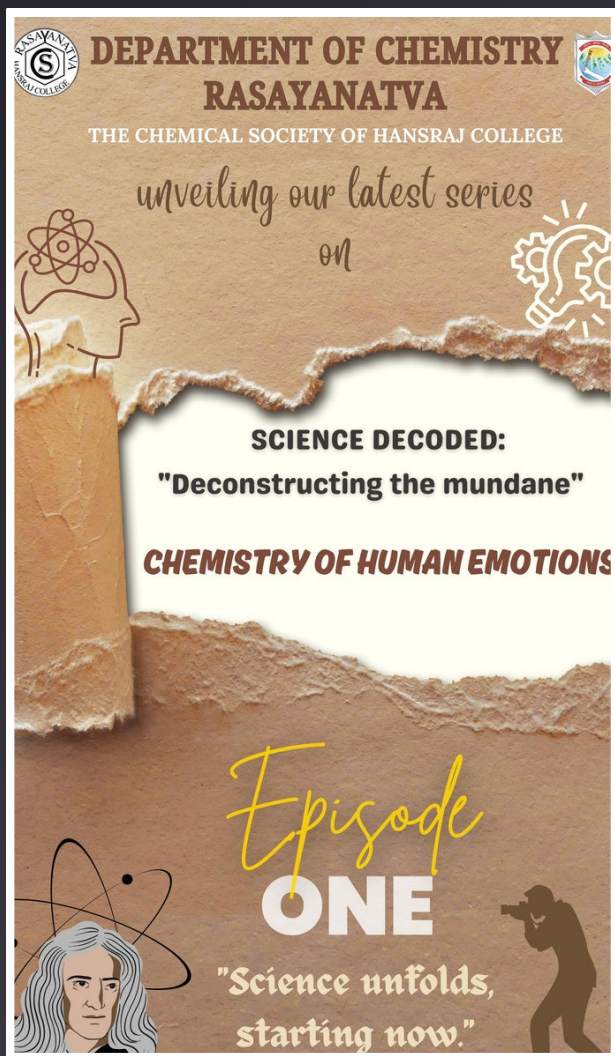
Since its launch, Rasayanatva has successfully showcased around 14 different molecules like Penicillin, Aspartame, Luminol etc. consistently sparking curiosity and making complex chemical concepts accessible and interesting.





# SCIENCE DECODED: DECONSTRUCTING THE MUNDANE

In August 2024, Rasayanatva - The Chemical Society of Hansraj College, initiated 'SCIENCE DECODED: Deconstructing the Mundane,' an engaging series that elucidated the hidden scientific principles within everyday occurrences. This illuminating endeavor aimed to rescue viewers from the inertia of doomscrolling, transforming the commonplace into a captivating exploration and offering a pathway to galvanize curiosity and foster productivity through deeper understanding.






# FROM LAB TO LEGACY

Launched in December 2024 by Rasayanatva, The Chemical Society of Hansraj College, the "From Lab to Legacy" series served as a commendable endeavor to commemorate the pioneering figures who have indelibly shaped the landscape of chemical innovation. This unique initiative not only recognized their significant contributions and enduring impact but also thoughtfully marked their birth anniversaries with insightful features. Spearheaded by the Research Team '25, this approach aimed to forge a deeper connection with the lives and legacies of these scientific luminaries, inspiring future generations by celebrating their journeys from inception to their groundbreaking impact, thereby instilling a sense of historical awareness and appreciation for the transformative power of scientific inquiry.

**DEPARTMENT OF CHEMISTRY**  
**RASAYANATVA**  
THE CHEMICAL SOCIETY OF HANSRAJ COLLEGE

PRESENTS

**FROM LAB  
TO LEGACY**




*Chemist's Code :*

I CLASSIFIED LIFE WITH METHODICAL CARE,  
ASSIGNING EACH SPECIES ITS RIGHTFUL SHARE.  
FROM PLANTS TO ANIMALS, EACH HAD ITS NAME.  
A SYSTEM SO SIMPLE, YET NEVER THE SAME.  
BINOMIAL NOMENCLATURE, MY GREAT DISCOVERY,  
BRINGING ORDER AND CLARITY TO LIFE'S  
DIVERSITY.WHO AM I?

**DEPARTMENT OF CHEMISTRY**  
**RASAYANATVA**  
THE CHEMICAL SOCIETY OF HANSRAJ COLLEGE

*Celebrating the Birthday  
of*



**CARL LINNAEUS**  
MAY 23, 1707 - JAN 10, 1778

Born on 23rd May 1707, Carl Linnaeus was a Swedish botanist, physician, and zoologist, who is renowned for developing the modern system of naming organisms called the binomial nomenclature and made it possible to group living organisms in a systematic way. He is often called as the "father of modern taxonomy" as he contributed in understanding the connection among species.



# JOURNAL' 25: MATERIALS SCIENCE

In 2025, the Department of Chemistry at Hansraj College proudly unveiled the 8th Edition of the Journal of Research in Chemical Sciences (JRCS), with "Materials Science" as its central theme. This edition showcased pioneering research and forward-thinking insights from the college's talented students, exploring topics ranging from nanomaterials to sustainable innovations that are shaping the future of science. Readers were invited to engage with this vibrant collection of ideas and discoveries reflecting the evolving landscape of chemical sciences, with their feedback deemed essential. The journal was made accessible via the provided link, as noted by Team Rasayanatva '25.



## NON-DESTRUCTIVE TESTING METHODS MATERIAL EVALUATION

BY SIMRAN CHAUDHARY (DEPARTMENT OF CHEMISTRY, HANSRAJ COLLEGE)



Figure 1: Ultrasonic Testing for Material Evaluation

### ABSTRACT:

Data is essential for the success of any research or for the discovery of new methods. This data is analysed by the researchers for trend analysis, to uncover patterns and test different hypothesis. Testing methods ensures that the data collected is reliable and valid and help in qualitative analysis, comparative studies, defect analysis, monitoring and compliance. These methods need to be non-destructive so that they do not alter the properties of materials. Non-destructive methods play an important role in various industries as well as in scientific research. NDT methods help in flaw detection by identifying surface and internal defects such as cracks, voids, inclusions, ensuring the structural integrity of materials. They also help in ensuring that products meet quality standards during manufacturing and minimize the risk of failure in service. NDT also provides data about the properties of the materials and their conditions, helping in selection process for different applications. They also provide aid in evaluating new materials and designs, facilitating innovation and creativity. NDT provides valid and reliable data which is necessary for any scientific discovery.





# Capta Caelum

Fragments of fire and feeling





# मैं देखता था...

मैं अल्हड़(भोला) सा लड़का, प्यार में यूं भटका,  
मिलने की आरजू(तरसना) को, मैं देखता था।  
हमसफर की तलाश में, कॉलेज के पास में,  
पपीहा सा तकता मैं, श्वाती की बूंद को,  
यूं अरसा(समय) भुलाने को, मैं देखता था।  
मैं अल्हड़ सा लड़का...

वो कॉलेज की लड़की, निगाहों में भड़की,  
पैरवी(फ़ॉलो) में उसके, दिन यूं गुजरते,  
वो दिल को चुराने को, मैं देखता था।  
मैं अल्हड़ सा लड़का...

उसकी हिरणी सी चाल, मैं देखकर बेहाल,  
सुराही सी गर्दन में, तुलसी की माल,  
उसके माले के मानकों को, मैं देखता था।  
मैं अल्हड़ सा लड़का...

उसके होठों की लाली, और कानों की बाली,  
मुखड़े में सजती हैं, आंखें काली काली,  
उसके आंखों के काजल को, मैं देखता था।





मैं अल्हड़ सा लड़का...

सितारों सी आंखें, देखकर पिघलना,  
उसका नजरें चुराकर, हंसकर निकलना,  
यूं दिल के धड़कने को, मैं देखता था।

मैं अल्हड़ सा लड़का...

वो कॉलेज की क्लॉस, टीचर के अल्फाज,  
अल्फाजों के बीच में, आंखों को सींच के,  
वो नजरें मिलाने को, मैं देखता था।

मैं अल्हड़ सा लड़का...

उसकी जुल्फें गिराना, नजरें झुकाना,  
मेरी सांसों का चलना, पर जान का निकलना,  
उसके रेशम से बालों को, मैं देखता था।

मैं अल्हड़ सा लड़का...

वो रातों का जगना, किताबों को रंगना,  
किताबों के पन्नों में, दिल का सरकना,  
यूं रातें उड़ाने को, मैं देखता था।

मैं अल्हड़ सा लड़का, प्यार में यूं भटका,  
मिलने की आरजू को, मैं देखता था।

~ आकृष्ट त्रिपाठी  
तृतीय वर्ष





# THE UNHEARD THOUGHT

You heard it, right?

the sighs breaking free and whispers so loud  
clocking out of time with rush all around.  
there I stood freezed as I broke through  
running, running ending up awoke  
there I stood cm's away from where I was

I brought rushes, rushing from a grocery  
store

THEY told me it cures everyone's hunger  
my own was secondary, merely a concern  
it's all they told me since I was seven  
i happily unpacked the groceries so young  
cutting them to pieces hoping,  
they would fulfill the purpose

but less I knew that's not how it works  
you also need, to grill them up  
and again I stood staring at my slab  
waking up back in middle of nowhere  
I whined to reality, who was just tired  
maybe of me, whining weekly

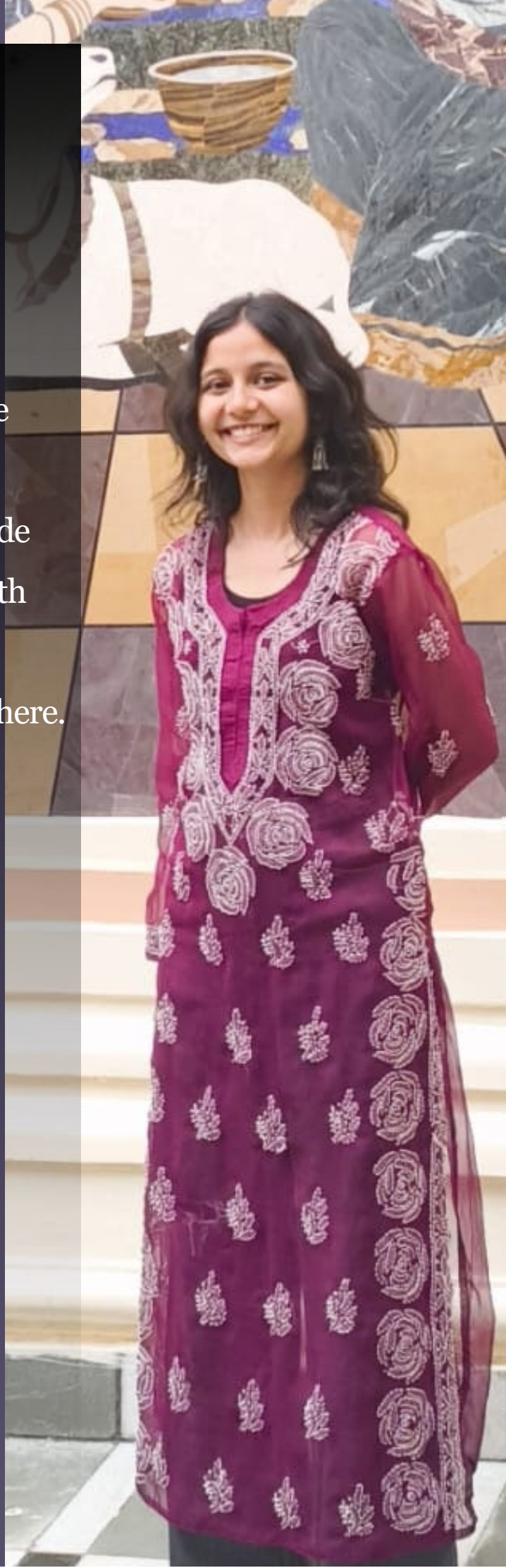




running running I hopped on a cab  
I asked the driver what was ahead?  
less I knew he was lost and  
couldn't catch a rider since the block  
how glad I was to have taken the cab  
and I woke up back in midst of nowhere

I thought it was tough and whole of a ride  
but now I know it was just back and forth  
all my delusion of better things ahead  
But still I stand awoke it middle of nowhere.

~ **Ayushi**  
3rd Year





# COLLEGE SUCKS!

That's what I used to say when I entered Hansraj, Delhi — a totally new place and of course, that totally polluted air with unfamiliar and unwelcoming faces.

I had a very good school life, the one we always fantasize about as kids. I found my best friends there, was the best version of myself, was loved by most, and most importantly, I was happy. Leaving that comfort zone was hard because I was the first one among my friends to leave — and that sucked. I always had that midnight snack-like craving kii- *Mujhe ghar jana hai*.

Even though I had put in **absolutely zero effort** to talk to people here, I blamed the place, the college, and of course, the people — because I just wasn't ready to accept them. I kept to myself, didn't come to college (*vo toh ab bhi nai aati, idk if it's me or the people*) — and honestly, I guess I'm still not able to accept them.

Earlier it was easy because I didn't care enough to try, but later it became as difficult **as surviving an organic chemistry exam**, because even when I tried, when I genuinely cared, the results were heartbreakingly the same.





But I'm grateful I was never completely alone.

During my first year, a little classmate of mine (won't be disclosing names because it's way too obvious) accepted me. We soon became a group of four. I had a wonderful time with them — almost half of my college life was spent with them — and for that, I'll always be grateful.

I met good people through societies, from other departments, but somehow, everything lacked that easy comfort I had known with my school friends.

And I was very proud.

*Lagta tha yeh college aakar dosti kiski khatam hoti hai, akele kon reh jata hai, baad mein samajh aaya kaun reh jata hai.*

Talking about classmates — I don't know — there were genuinely good people who always reached out to me. I know they weren't my friends, but at least they were kind. And then there were a few — who didn't even know me but still gossiped behind my back. (Well, I didn't care.)

My college life was like a Bollywood movie in my second year. I had fun, had good friends, and was happy with how everything was flowing. But too much happiness, everything going too perfectly — it never makes complete sense, does it?





The coin flipped, the seasons changed — it was no longer the comforting fall where I could embrace the weathering leaves; it became the itchy, **suffocating spring**, blooming poisonous flowers I hadn't asked for, releasing pollens I was allergic to — a time I wasn't ready for.

I lost all my friends.

The bonds I cherished snapped one after the other.

The people who mattered — they either left, or *maybe, I let them go.*

*Some did wrong to me. I did wrong to some.*

*But the truth is — I just wasn't ready for any of it.*

*Baat pata hai kya hai,*

*Jab ek saath sab jaate hain, toh despite the fact that you think you're right,*

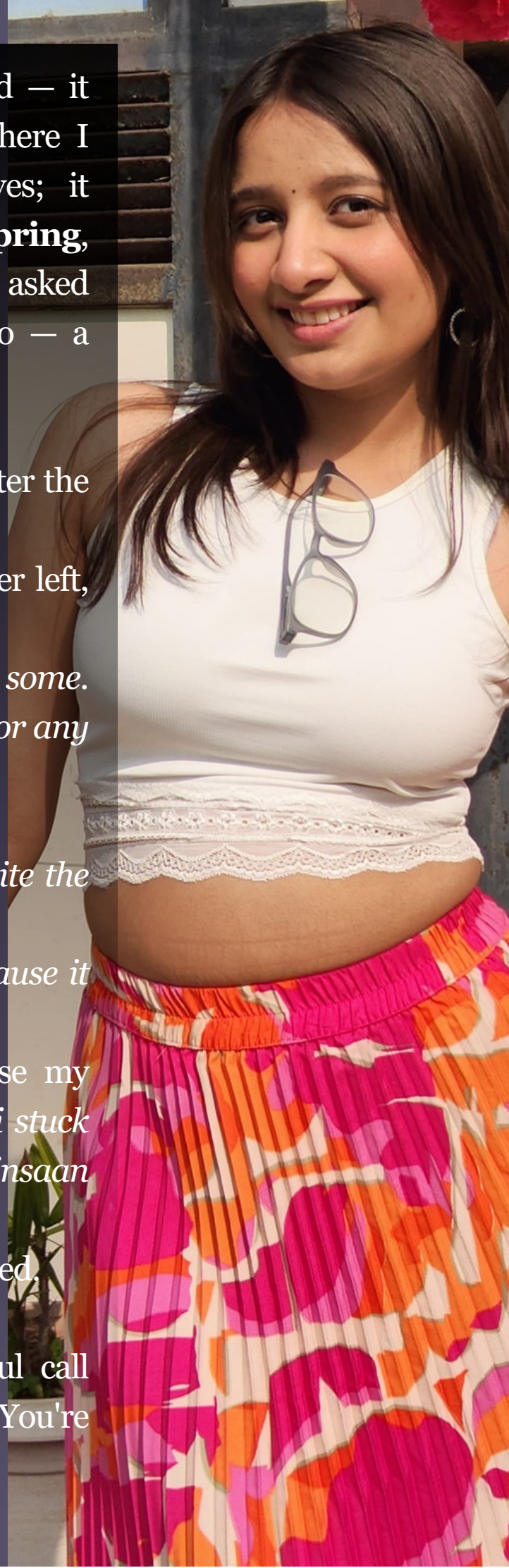
*Lagta hai ki it all had to happen because it was you.*

I tried to make them stay — because my mother had always advised me: *kabhi stuck ho kisi cheez mein, then think — insaan zaroori hai ya baat.*

Of course, it was the insaan that mattered.

So I fought for them. I tried holding on.

But one day, after yet another tearful call with my mother, she simply said — "You're the one who's most important."





And something clicked.

I decided to let it all go — the guilt, the attachments, the regrets — because nothing and **no one is worth losing yourself over.** (And if anyone calls that selfish, good for them — I don't care.)

I became reluctant to even step into college — afraid of being asked *ki dost kahan hai tumhare.*

Some people did ask.

And honestly? It hurt.

More than I admitted.

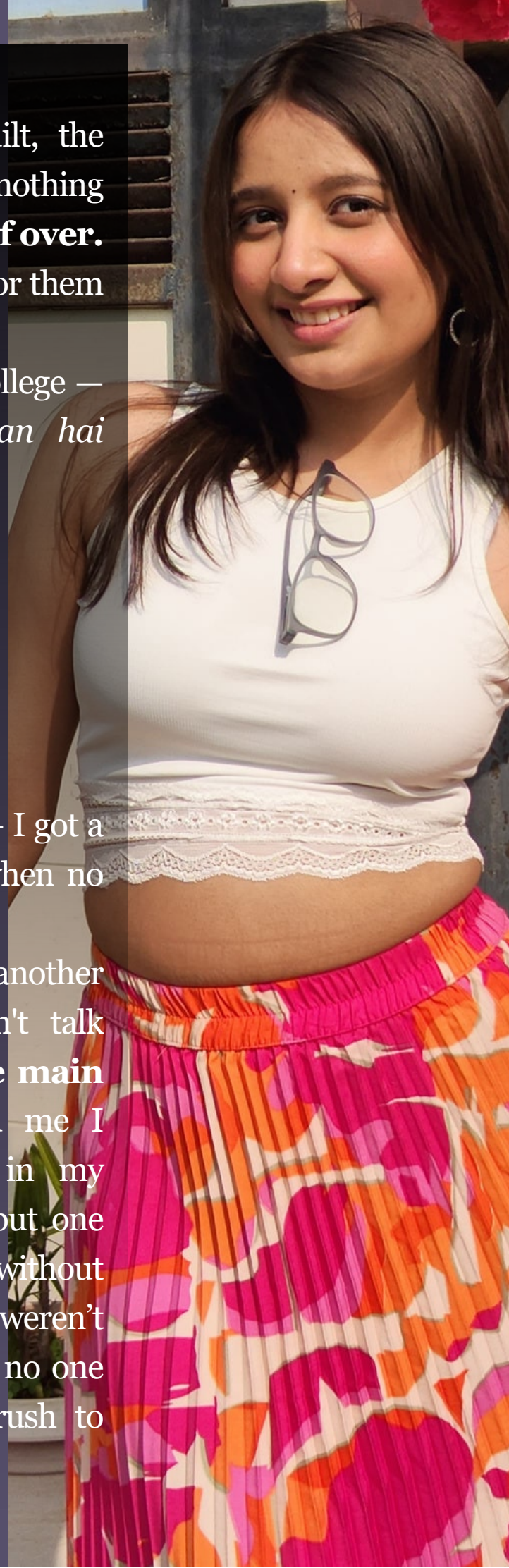
But it is what it is.

Third year totally sucked.

But that's not the whole story.

Because third year also rewarded me — I got a good roommate who held my hand when no one else did.

I made two unexpected friends from another department — even though we don't talk much, they treated me like **I was the main character of my story**, and told me I deserved better. I found a friend in my department — a little late maybe — but one who listened to all my gossip without judgment. There were people who weren't friends but still asked about me when no one else did. And of course — a tiny crush to remember fondly when I leave.





I guess they were the "home" I was searching for, right here in college.

Coz even though my life sometimes paused at the wrong timings,

Maybe... **some things don't need perfect timings, just the right people.**

There are a lot of things I wish I could go back and change.

But if I hadn't met the wrong ones, maybe I wouldn't have appreciated the right ones.

A friend asked me a few days back — "Do you think we met too late?"

"Maybe. Or maybe... just in time not to regret it."

And now as I leave, I just want to say:

College didn't really suck.

Even though I carry regrets, I'm still glad — glad that I got to live through this ending.

*(Be it the relief of achha hai ab khatam hua yeh ganda course or the maturity to finally let go of what no longer serves me.)*

In school farewells, there's no fear — because we know we'll meet again. As soon as holidays begin, we're back together. But in college, deep down, we all know — maybe, just maybe, that was the last time we saw each other.





And as Alag Aasmaan plays in the background

—

*(Ab alag aasmaan hai  
Aur hai zameen bhi kuch alag si  
Par miloge jab kabhi toh dekhna tabhi  
Main kuch alag nahi.)*

I ask for your leave.

I hope when we meet next time, we'll laugh —  
not the awkward kind from years ago, but the  
familiar, I-know-you-still  
kind.

~ **Shatakshi Shukla**  
3rd Year





# THE QUIET TRUTHS OF GROWING UP!

The hardest part about growing up?  
Realizing that everything they said—"You'll understand when you're older"—wasn't something people said to pass the time. It was a quiet truth waiting for its time.

Before you're ready, life doesn't wait.  
It gives you heartbreak to teach you strength.  
Failure so you learn how to grow.  
Loss to teach you how to treasure what was,  
while embracing what is.

Before you're ready, life throws betrayal and unkindness your way—not to break you, but to show you the value of loyalty, honesty, and being kind even when it's hard.  
It humbles you, stripping away pride and arrogance, only to plant the seeds of humility.  
It shows you fear, only so that you may learn the meaning of true courage.





And as the days pass, you begin to understand why people miss their childhood, why your sibling got emotional coming home, why your parents' laughter feels more precious now. You start to crave peace over noise, presence over perfection, and moments over milestones.

Then one day, quietly, life says:  
"You're ready."

And with it, it hands you everything you once wished for—not as a reward, but as a responsibility.

Because now you know:  
The little things were never little.  
And all of it... was preparing you for this.

~ **Garv Jain**  
3rd Year





# MY COLLEGE JOURNEY

Hi dear juniors,

I'm your Jatin Bhaiya. Hope you all are doing well.

Doing well in what?

Academics? Nah!

Doing well means that you're happily enjoying and making the most of your college life.

You know what? College is like a buffer period for all of us. We're free here. There's no pressure from anyone about what to do or what not to do. You're like a free electron — don't bind yourself too much with just chemistry.

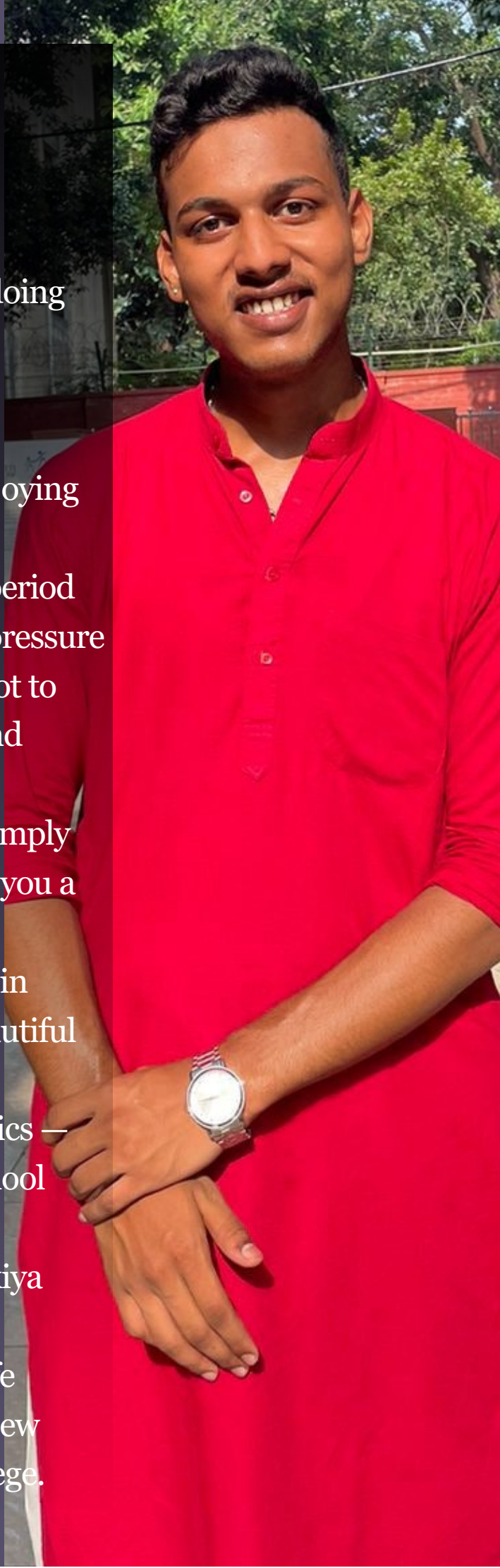
The purpose of writing this article is to simply express myself, show gratitude, and give you a genuine bade bhaiya talk.

I'm Jatin Singh, a guy with two backlogs in chemistry (haha!) but with countless beautiful memories and experiences.

Back in school, I was totally into academics — and honestly, only good at that. After school ended, one thought kept haunting me:

“Kash padhai ke alawa aur bhi kuch try kiya hota.”

School life was good, but I had no real-life experiences. But it was okay, because a new opportunity was waiting — Hansraj College.





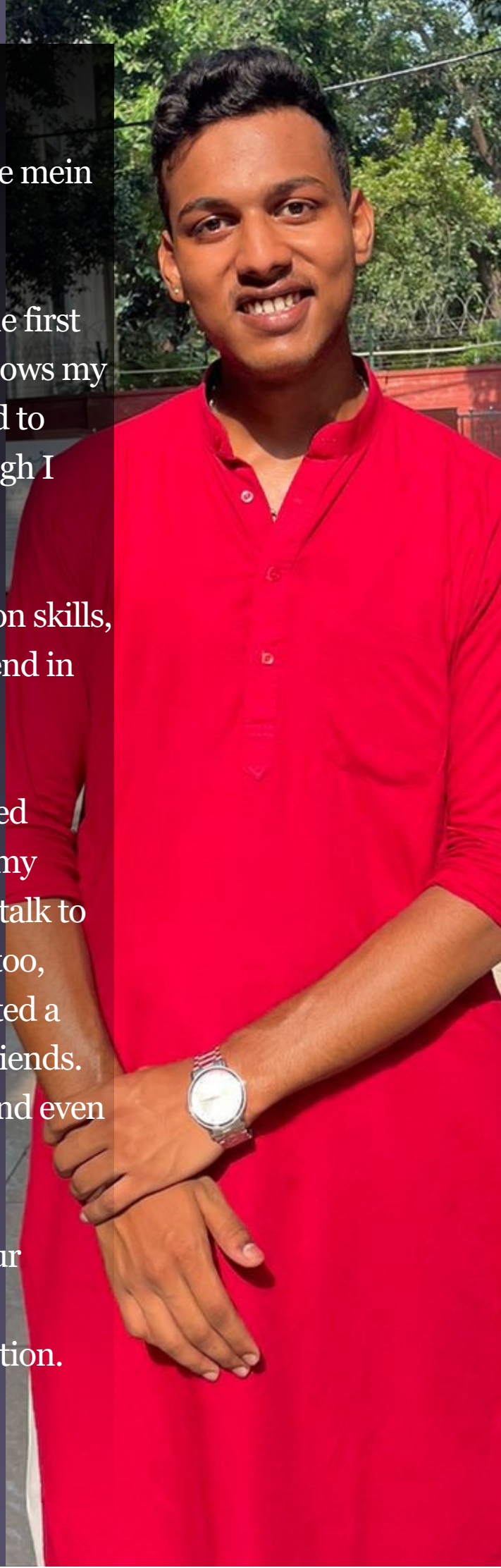
my mind, I was clear from day one:  
“Jo school mein nahi kar paya, vo college mein  
karunga.”

I was mocked and bullied during school  
because of my low confidence. But on the first  
day of college, I told myself — no one knows my  
past here. It's a new beginning. I decided to  
behave like a confident guy — even though I  
wasn't fully confident from within yet.  
I started watching YouTube videos on  
personality development, communication skills,  
and — yes — even how to make a girlfriend in  
college (haha!).

And guess what? I lived through all of it.  
I improved my personality. People started  
complimenting me — and that boosted my  
confidence even more. I learned how to talk to  
girls, made many female friends, dated too,  
performed on stage multiple times, started a  
YouTube channel, and made amazing friends.  
Today, most students in our college — and even  
in other colleges — know me.

So how did it all begin?

It all started on 23rd January 2023 — our  
Chemistry Honours Freshers' Party. I  
participated in the Mr. Fresher Competition.  
We had to do a ramp walk and give a  
performance.





I still remember — during the ramp walk, I was the only guy who did the SRK pose — and the crowd went crazy! I made it to the second round, where I recited a poetry piece, adding a trending TikTok background score. The response was amazing — everyone started hooting and cheering.

I didn't win the Mr. Fresher title, but I won something far more precious — confidence and belief in myself.

That was the turning point.

After that, I went on to do many stage performances, joined NCC (which helped a lot in personality building), became the PR and Sponsorship Head of the Chemistry Department, joined multiple societies, and grabbed every opportunity I was excited about.

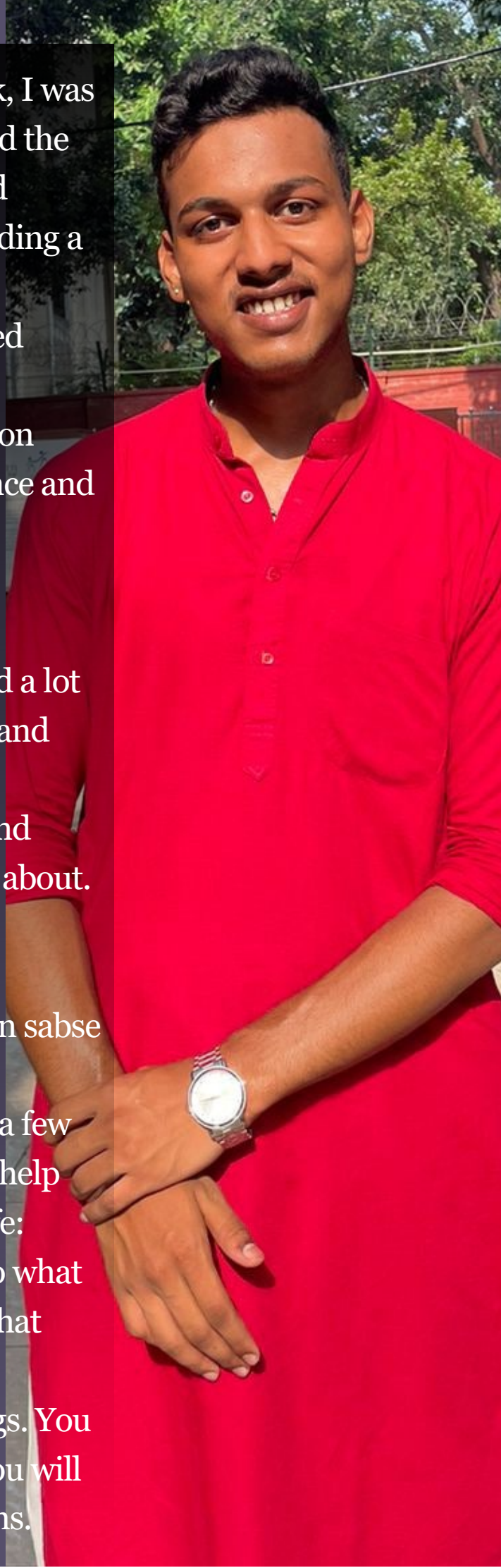
Was I scared at first? Yes!

But you know what?

“Jo cheezein pehli baar hoti hain, unmein sabse zyada maza aata hai.”

Now that I've shared my story, here are a few things I've learned — lessons I hope will help you make the most out of your college life:

1. Move out from your comfort zone. Do what really matters to you (join society, grab that opportunity, talk to that girl /boy)
2. Explore yourself! Do numbers of things. You know what? In the end of your college you will definitely get to know about your passions.





3. It's okay to bunk a few classes.

“Ghumo, phiro, dosti karo, fest attend karo.”

That's where the memories are made

: 4. Create many Beautiful memories and experiences ,Because the quality of life matters more than the quantity of life.

: I know, “THODA PHILOSOPHICAL LAG RAHA HOGA ,” but it's true.

College is not just about academics. It's a place where you find yourself.

It gives you a buffer time (zero year) — so use it wisely and make the most of it.

— Jatin Bhaiya

And haan... mujhe toh bohot maza aagya yaar college mein!

I truly wish that one day, when your journey ends, you can say the same — with a big smile.

Wish you all the very best!

~ **Jatin Singh**  
3rd Year





# रसायन रचता राग - हंसराज के रत्नों संग

(हंसराज महाविद्यालय के रसायन विभाग को समर्पित)

हंसराज की रत्नजड़ित रेखाओं में एक दीप जलता,  
रसायन विभाग – जहाँ तत्वों का गीत पलता।  
नहीं यह केवल प्रयोगों का कोई निर्जीव स्थल,  
यहाँ जिज्ञासा की ज्वाला में तपता है आत्मबल।

लैब के कोने-कोने में छिपी अनगिन रहस्य-गाथाएँ,  
टेस्ट ट्यूबों में जैसे सिसकती हों सृष्टि की तरंगाएँ।  
कभी अम्ल की अँगड़ाई, कभी क्षार की मुस्कान,  
कभी विस्फोट में चंचलता, कभी सूत्रों में जान।

रसायन शास्त्र यहाँ चंद्रमा-सा शांत है,  
तो कभी अग्नि-सा तेजस्वी, विज्ञान का तंत्र है।  
प्रोफेसर के वाक्यों में जैसे गूंजती वेदवाणी,  
सूत्र नहीं, वे ज्ञान की गंगा बहाते कहानी।

प्रयोगशाला की पंक्तियों में प्रतिबिंबित प्रयास,  
पदार्थों की पहचान में पिरोया विश्वास।





कभी 'बेंजीन' की बारीकियों में उलझती दृष्टि,  
कभी 'ऑक्सीडेशन' में सुलझती जीवन की सृष्टि।

यह विभाग नहीं, ज्ञान की अमिट दीपशिखा है,  
जो अंधकार में भी प्रकाश की परिभाषा है।  
यहाँ हर छात्र, अन्वेषण का अर्जुन बनता,  
प्रयोगों का धनुष लेकर, संशोधन का लक्ष्य रचता।

भावों का यह समुद्र, बूँद-बूँद सिखाता सार,  
कि अणु-परमाणु में छुपा है जीवन का व्यापार।  
हंसराज की गोदी में यह तपोभूमि बनी है,  
जहाँ विज्ञान कला बन, कविता में  
ढली है।

~ अरुण कुमार सिंह  
द्वितीय वर्ष



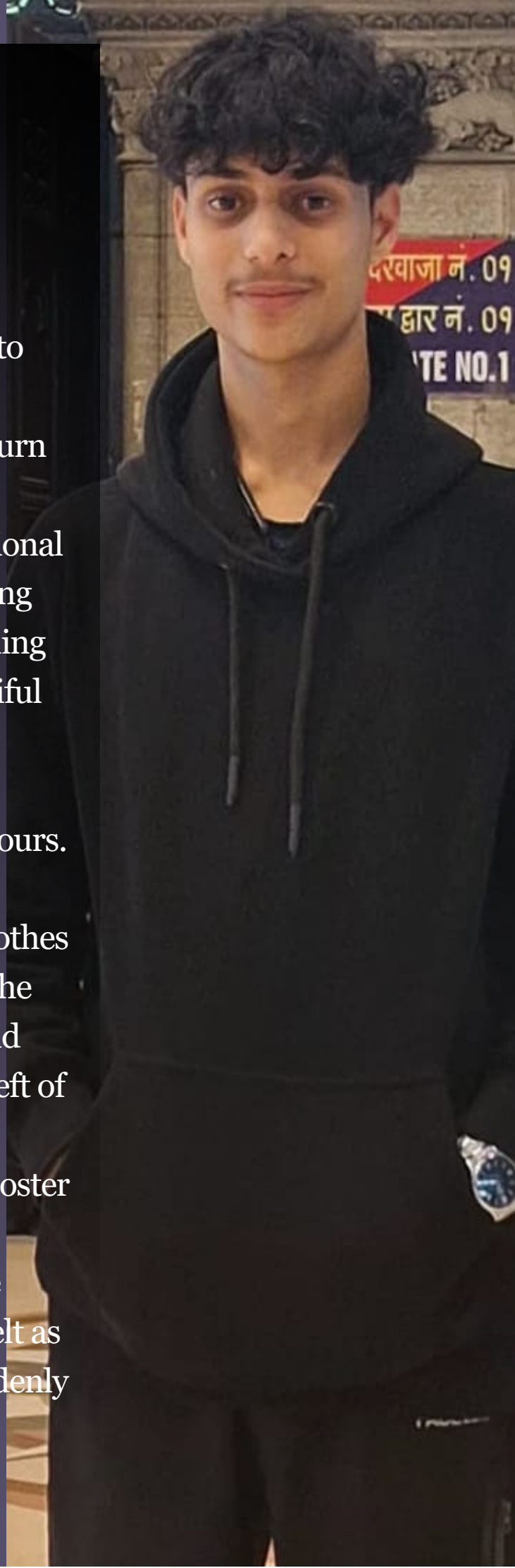


# HOUSE OR HOME?

Just a question—what is a house?

For me, a house is a structure we build to have a safe place. A place where we can sleep after a long day, where we will return no matter how far we go. But there is something special in this three-dimensional space; the specialty lies in how everything within it starts to have meaning, becoming more than just bricks, wood, and beautiful photo frames or paintings on the walls. Everything that science calls non-living starts to have its own life—to give you yours.

The almirah in the corner, where the clothes are always ready to fall. The mirror by the entrance, always contemplating me. And most special of all—the window to the left of the bed, bringing a cold breeze in the summer's heat and turning into an imposter during winter. I don't know how, but whenever important guests arrived, the beauty of that place changed so fast it felt as if an old woman with wrinkles had suddenly become young again, ready to run.



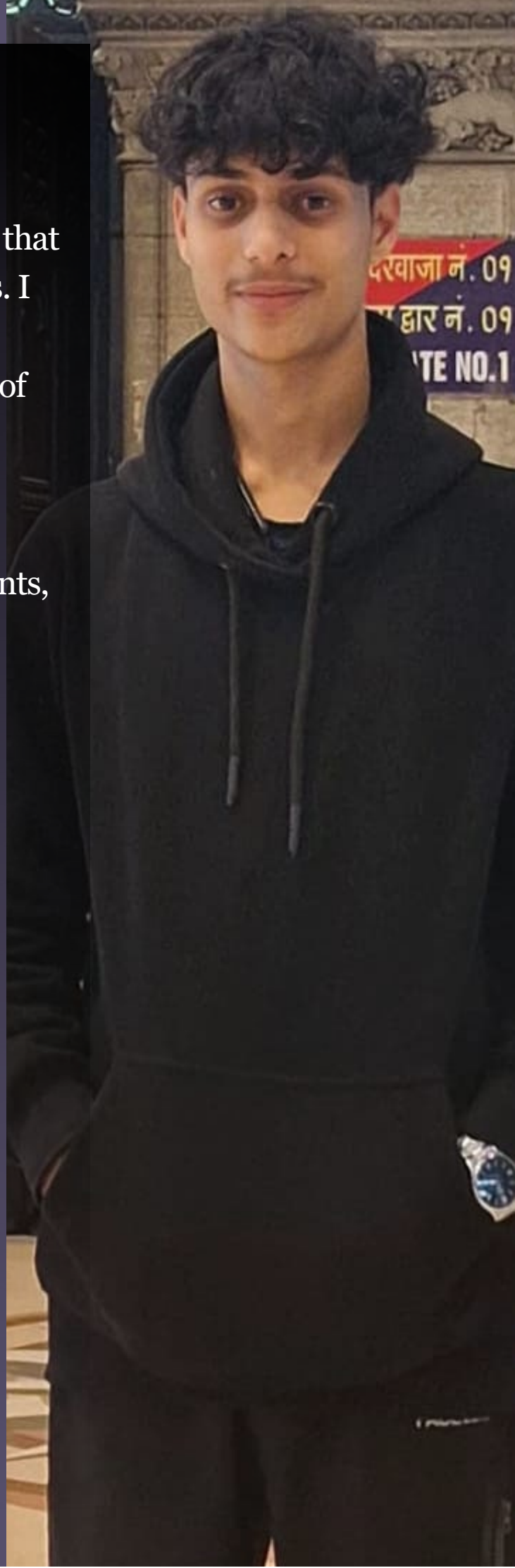


# HOUSE OR HOME?

The presence or absence of someone in that room completely changed the emotions. I can still hear the echoes of our voices bouncing off the walls, feel the warmth of togetherness wrapping around us, and sense the love that fills every corner.

With all those sensations and attachments, a house became a home.

~ **Rohit Bisht**  
2nd Year





# SAATH

Ab na toh hoti h khaas baat h  
Or na hi hoti h mulaqat  
Kabhi unhe dekha Bina na hoti thi morning  
start  
Or ab unhe dekhe Bina hi ho jati h raat  
Pehle lunch bhi hota toh hota unke saath  
Pr ab toh sb krne lge h sawaal jawab  
Puchte h kaha gye vo janaab  
Jinke aap kisse sunate the behisaab  
Fir kya shuru kardiye humne bhi dekhne  
khwaab  
Sochne lge ki lotane aayenge hume humari vo  
kitaab  
Jisme likhe the humare yaadon ke hisaab  
Pr kismat ne toh pehna tha koi alag hi nakaab  
Vo toh na aaye pr satati rhe hume unki yaad  
Pr ab bhi mangte h hum unke aane ki fariyad  
Hawaaon mei bhi hota h unke aane ka ehsaas  
Pr ab toh humare pass bss Bacha h aansuon ka  
taj  
Or lo ab toh calendar ka bhi end hone vala h  
aaj  
Lgta h ab shayad hi aate honge hum unhe  
khwaabon mei bhi yaad  
Shayad yahi tak tha humara or unka saath

~ **Yashika**  
2nd Year





# ZERO

It's the start,  
It's the end,  
It's forever in the blend;

It's the sorrow,  
It's the pain and  
It's the Happiness Insane;

Without shape , without sound,  
Without the clot in the wound,  
With the beauty of it's round,  
It helps everyone surround;

It's the silence of the phase  
where things collide,  
But If the collision is right,  
It always makes the mystery bright;

It's the pain of the broken heart,  
It's the glow of the new start,  
Zero - a place where Void becomes a Full Part;

It's the Paradox, a Place,  
in the realm of mind,  
Zero is the space where Infinity funds...

~ **Poonam Swami**  
2nd Year





# THREADS OF CHARACTER

Kids playing down the streets ,  
In a World where there are a lot of tweets.  
Natty men in dashing suits;  
Dulcet air giving the magnificent .  
Neortic World full of luxury,  
Evilness is where found eventually,  
Sagacious people occupying my planet ;  
Salient nature really looks legendary  
Lambent smile lifting up the hearts  
Oh, but that was one of the lost outs,  
Vibrant people are rare to find;  
Essence of nature leave good imparts.  
Hopeful heart is a wonderful believer,  
Abrasive way turns up everything uglier,  
Perspective human read between the lines;  
Peace is somewhere found under the water.  
Idyllic affection is unquestionably priceless,  
Narcissism turns everything around lifeless ,  
Ebullient soul reflects the beauty ;  
Saintly sunshine fades the bulky darkness  
Self Confidence is one of the great possession.  
Jealousy is an another factor for non  
progression ,  
Optimistic mortal radiate a great zeal;  
Yet, serenity of nature is one of the best  
addiction.

~ **Tanisha Rathi**

1st Year





# किसान का दर्पण

तर्पण तर्पण बेच रहा हूं,  
माया के बाजार में,  
सुख के सपने त्याग चुका हूं,  
काया के व्यापार में,  
पूरा खुद को बेच चुका हूं,  
संसार समूचा दर्पण है,  
पर धरती का मोल नहीं,  
हृदय में इसकी अड़चन है,

खेत लहरती हरियाली में,  
पूछ रहा था मुझसे कल,  
वार चुके हो तन, मन, धन,  
और कितना यूं वारोगे,  
सर्दी की ठंडी चादर में,  
चप्पल कब तक त्यागोगे,  
हर मौसम में लड़ते लड़ते,  
घुटन में खुद को मारोगे,





पेट नहीं अब ये भरता है,  
मिट्टी में उपजे दानों से,  
सुकून हमें तो मिलता है,  
कुछ कर्जों और अफसानों से,  
सच बोलूं तो दिल दुखता है,  
इन कर्मों के जालों से,  
दुनिया का पेट हमे भरना है,  
हाथ पांव के छालों से,

राजा मूक खड़े चौबारे,  
सत्ता के ऊंचे दरबारों में,  
हम काट रहे अपनी तकदीरे,  
इन भूखे खलियानों में,  
हम मां धरती के सच्चे बेटे,  
कर्तव्यों से न भागेंगे,  
अपने बच्चों के त्यागो पर,  
दुनिया के ब  
च्चे पालेंगे ..!

~ रिषभ सिंह  
प्रथम वर्ष





# A SOUL

A soul

Shattered completely,  
Still resolved to intact beauty around.

A soul

Bleeding drastically,  
However scouting others wound.

A soul

Jaded with the worldly vanity,  
Nevertheless wants to finish with finery.

A soul

"Admirer" of merrymaking  
But have a friend named "taciturnity".

A soul

Being highly decisive,  
Although the "Effigy of mistake" at the same  
time.

A soul

Looking for it's soulmate,  
But aware of the deceitful clime.

~ **Gunjan**  
1st Year





# LIFE

Someone someday I'll meet,  
Meet in forest deep, Deep down  
the woods, Woods of haze that's  
world's maze.

Would? I be praised, Praised by  
world,

World which only gaze.

Clear of my words, Words of  
tenderness, I'll show them,  
Them my tremendousness.

Tremendousness to fight,  
Fight against evil,  
Evil is to be killed, Killed by our  
own devil!

Devil will leave,  
Leave with a lesson  
It's my life,  
And I am its mason.

~ **Gurpreet Singh**  
1st Year





# SERENITY IN CHAOS

The world spins, a whirlwind of sound,  
A symphony of chaos profound.  
But within, a stillness resides,  
A sanctuary where peace abides.

Like a lone tree in a raging storm,  
I stand rooted, weathering the norm.  
The wind may howl, the rain may pour,  
But my inner calm remains secure.

For serenity is not the absence of strife,  
But the strength to navigate through life.  
To find beauty in the broken parts,  
To mend the wounds, to heal the hearts.

So let the chaos rage and roar,  
I'll find my peace, and ask for more.  
For within the storm, a light will gleam,  
A beacon of hope,  
a vibrant dream.

~ **Aastha Jaiswal**  
1st Year





# BALANCING ART

Aarav looked at his cluttered desk - unfinished chemistry notes, cold coffee and his mother's fading picture. It had been six months since she was gone, but the grief still struck him like an unstable reaction looking for a catalyst.

He loved chemistry, and especially equilibrium. When a system is stressed, it makes adjustments in order to restore balance. In life, however, balance wasn't so simple. With classes, assignments and an internship, Aarav got overwhelmed.

And then there was Anaya - a bright spot in his life, a pull toward happiness. But even love had to be balanced, and he wasn't sure that he was balancing it perfectly.

One night in the library, Anaya set a cup of chai by his side. She said softly, 'You haven't messaged me all day.' Then Aarav said, 'I'm just trying to keep up - exams, internship, everything.' He sighed. 'And how do you fit into all of this?' she asked.





He hesitated. She was right. He'd overloaded his system too much stress, too little room for himself.

His gaze settled on a page in his chemistry book Le Chatelier's Principle. It dawned on him: Life, as in chemistry, is not about removing stresses, it's about orienting to them. He smiled at Anaya. I need to get my balance.

And just how do you propose to do that, Mr. Chemist?" she teased. Less pressure, more space to breathe. Starting now — want to take a walk? Anaya grinned. Sounds like balance now. Aarav stepped out into the cool evening air, feeling weightless. Perhaps he still wasn't entirely stable, but he was getting there - and that was enough.

Because, like chemistry, life will always find a way to bring itself back into balance.

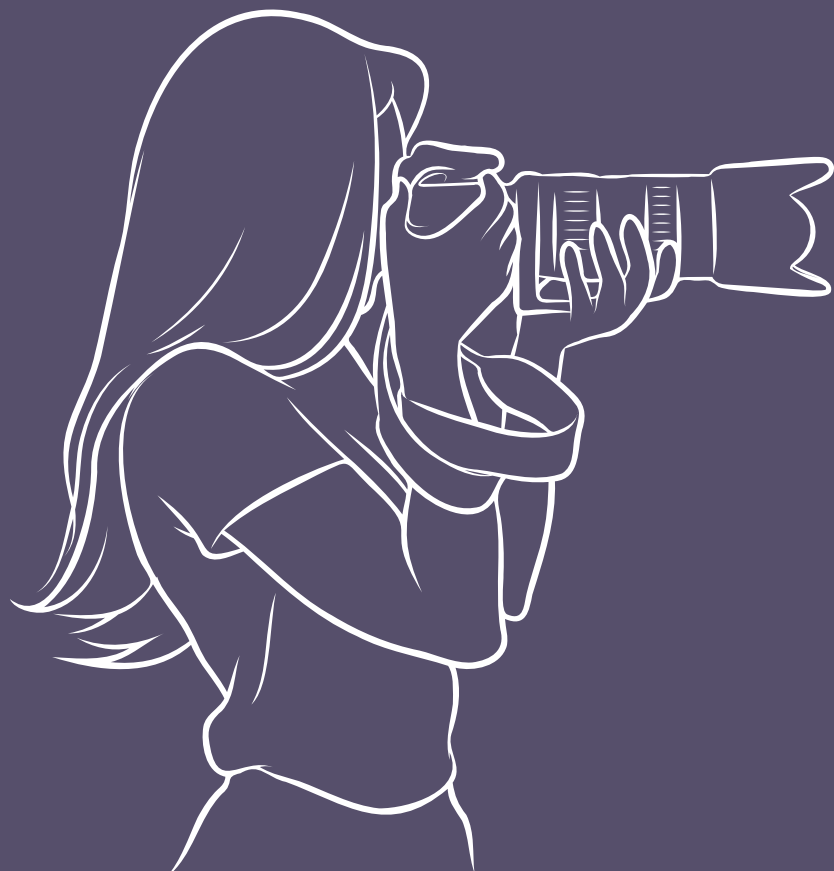
~ **Basant Kumar**  
1st Year



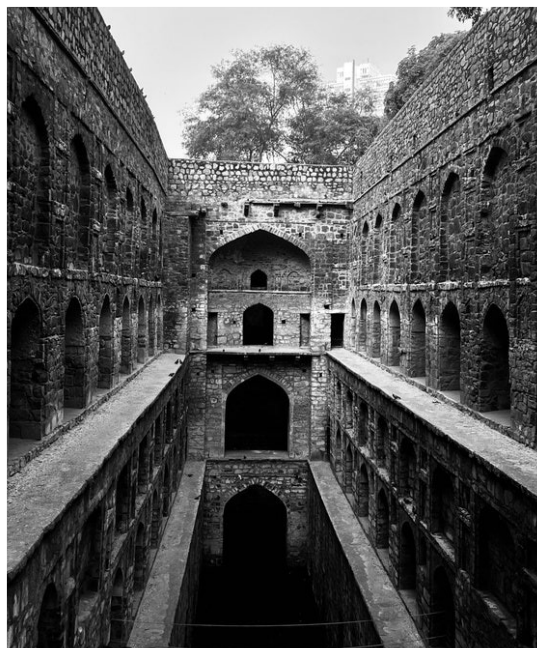


# Click-a-Mania

THROUGH THE LENS OF WONDER







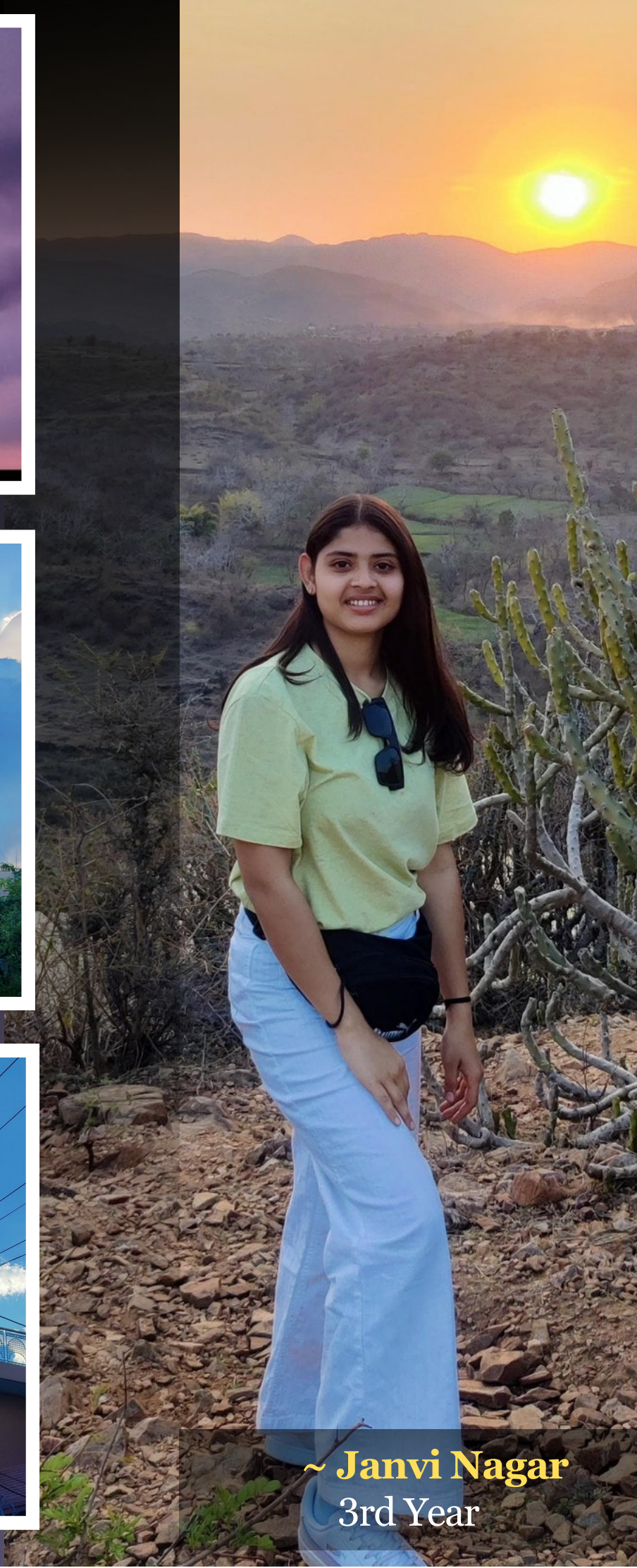
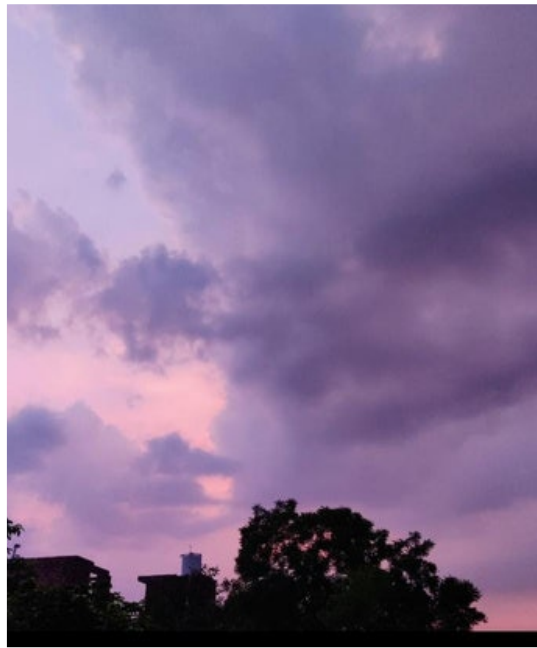
~ Shivam  
3rd Year





~ Ekta Pandey  
3rd Year





~ Janvi Nagar  
3rd Year





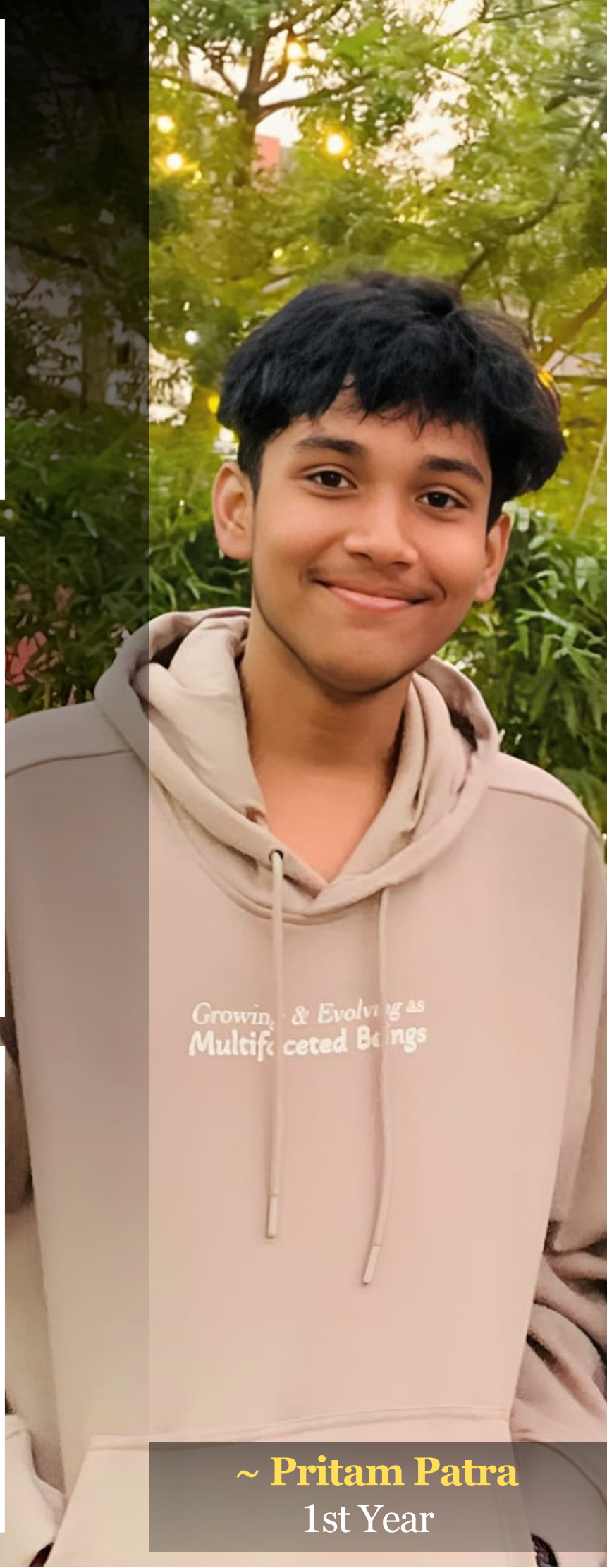
~ Lucky Panwar  
3rd Year





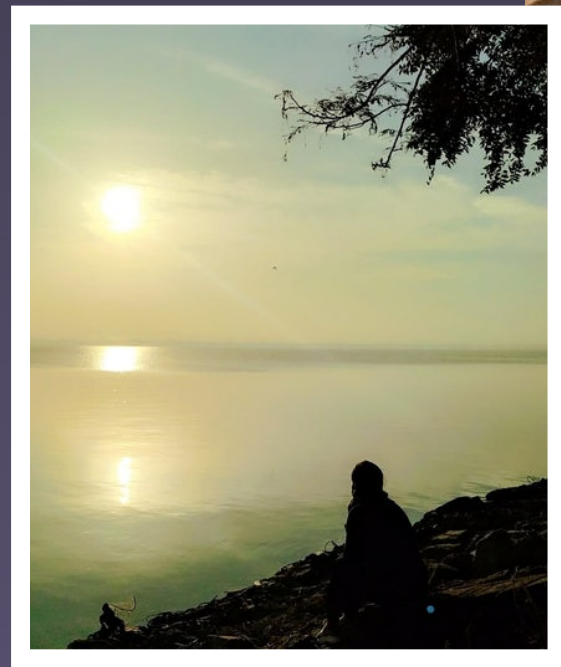
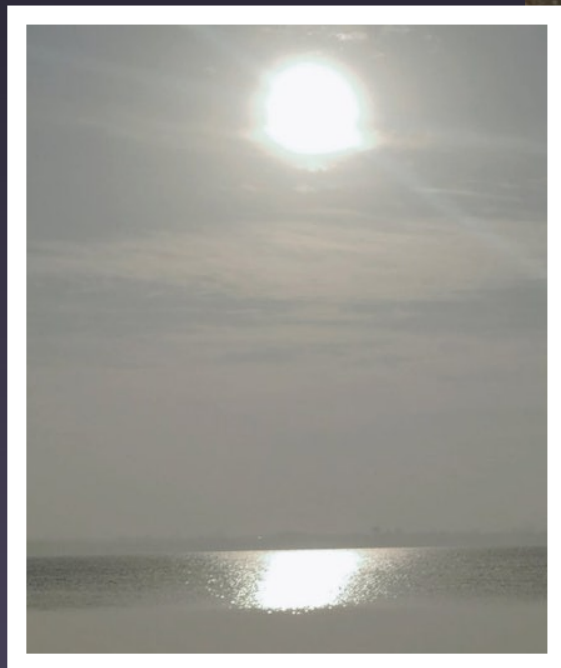
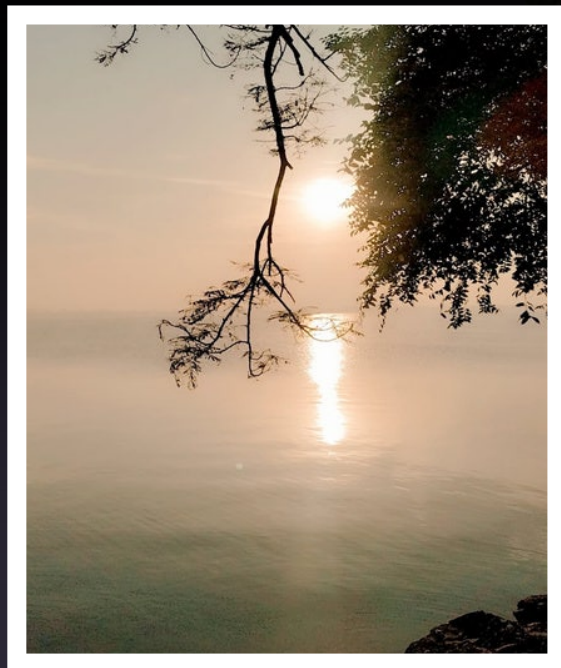
~ Yashika  
2nd Year





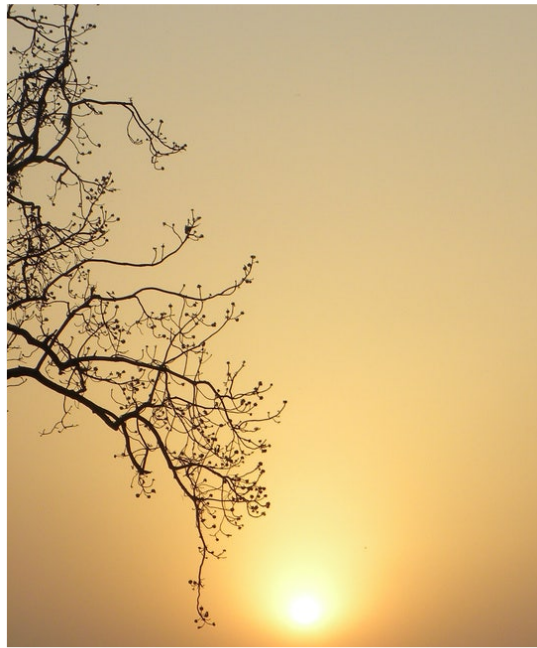
~ **Pritam Patra**  
1st Year





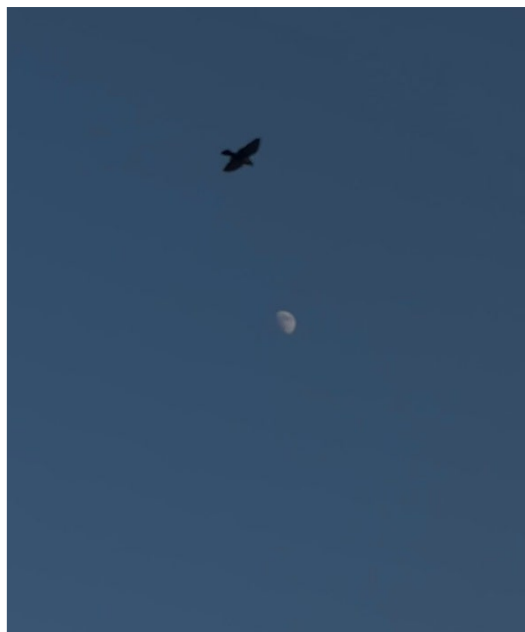
~ **Aastha Jaiswal**  
1st Year





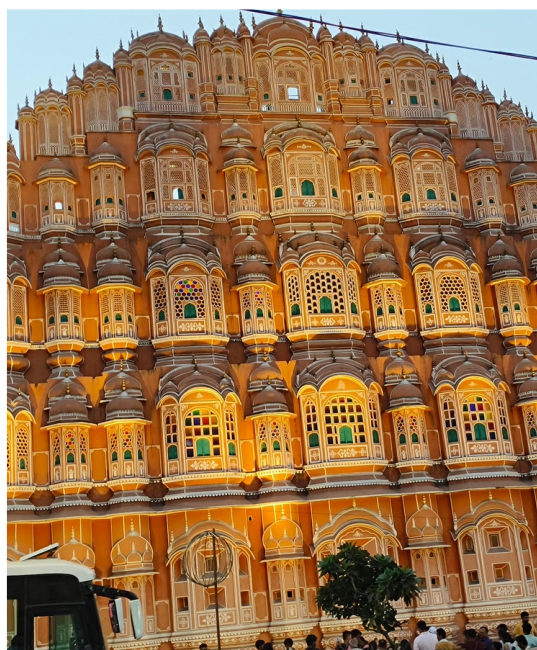
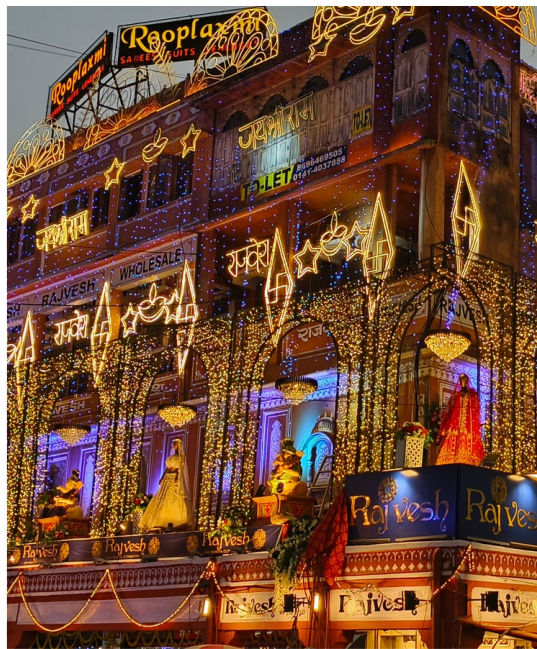
**~ Rishab Singh**  
1st Year





~ **Prerita Bahl**  
1st Year





~ Hardik Dave  
1st Year



# Aficionados

WHEN THE HEART HOLDS THE BRUSH





1



2



*Aficionados*

3



4





5



6



*Aficionados*

7



8





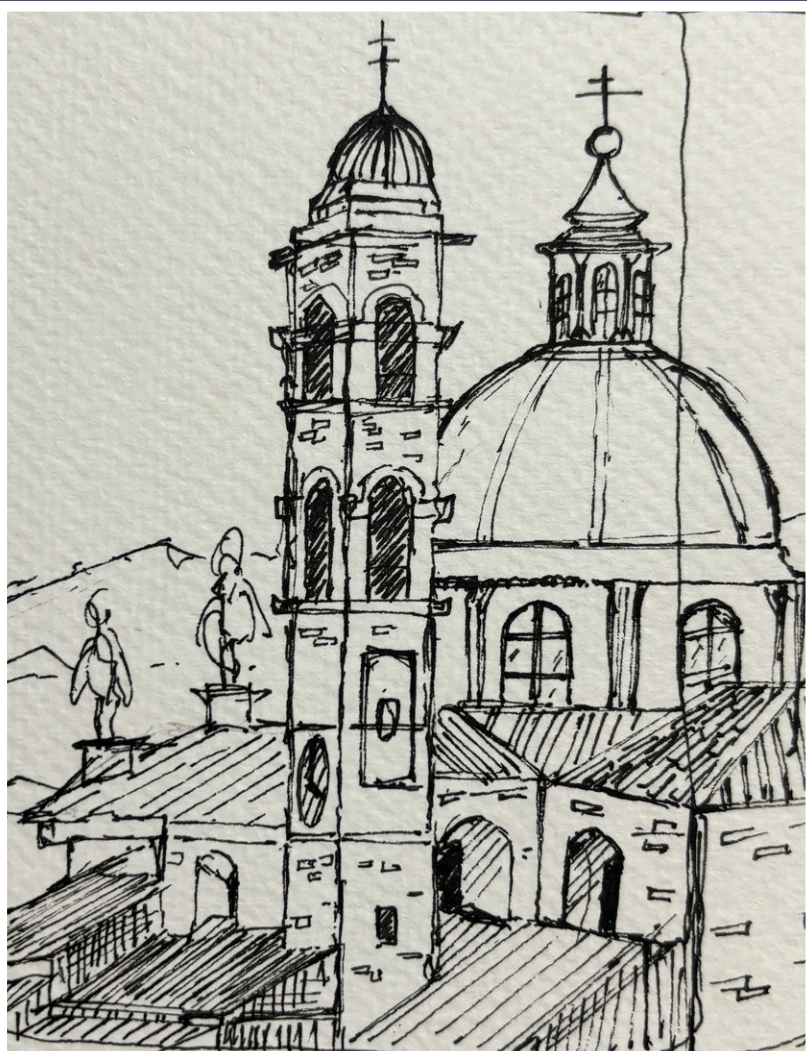
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~ Tanya  
3rd Year

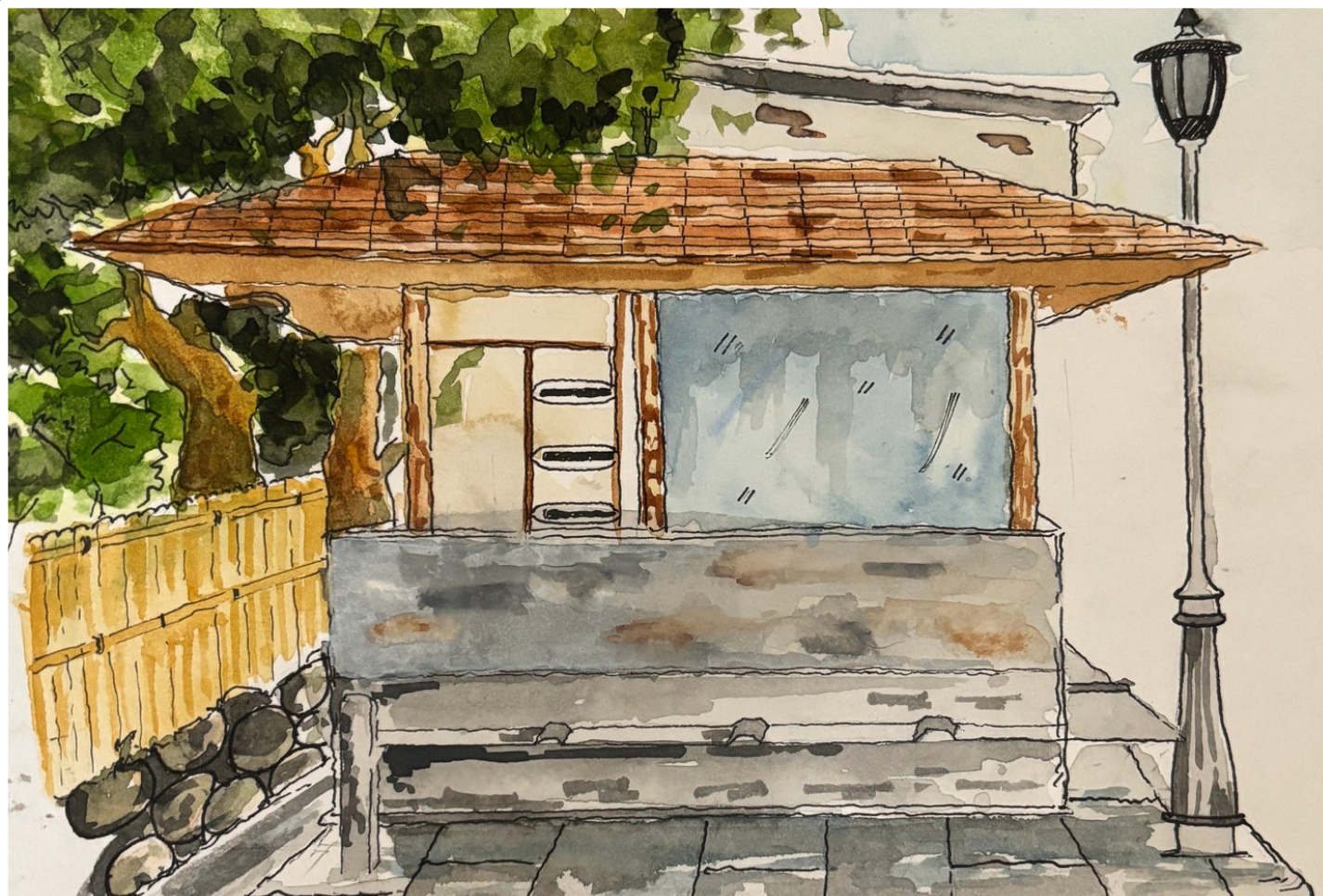


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~ **Ishan Bharadwaj**  
2nd Year





~ Ishan Bharadwaj  
2nd Year



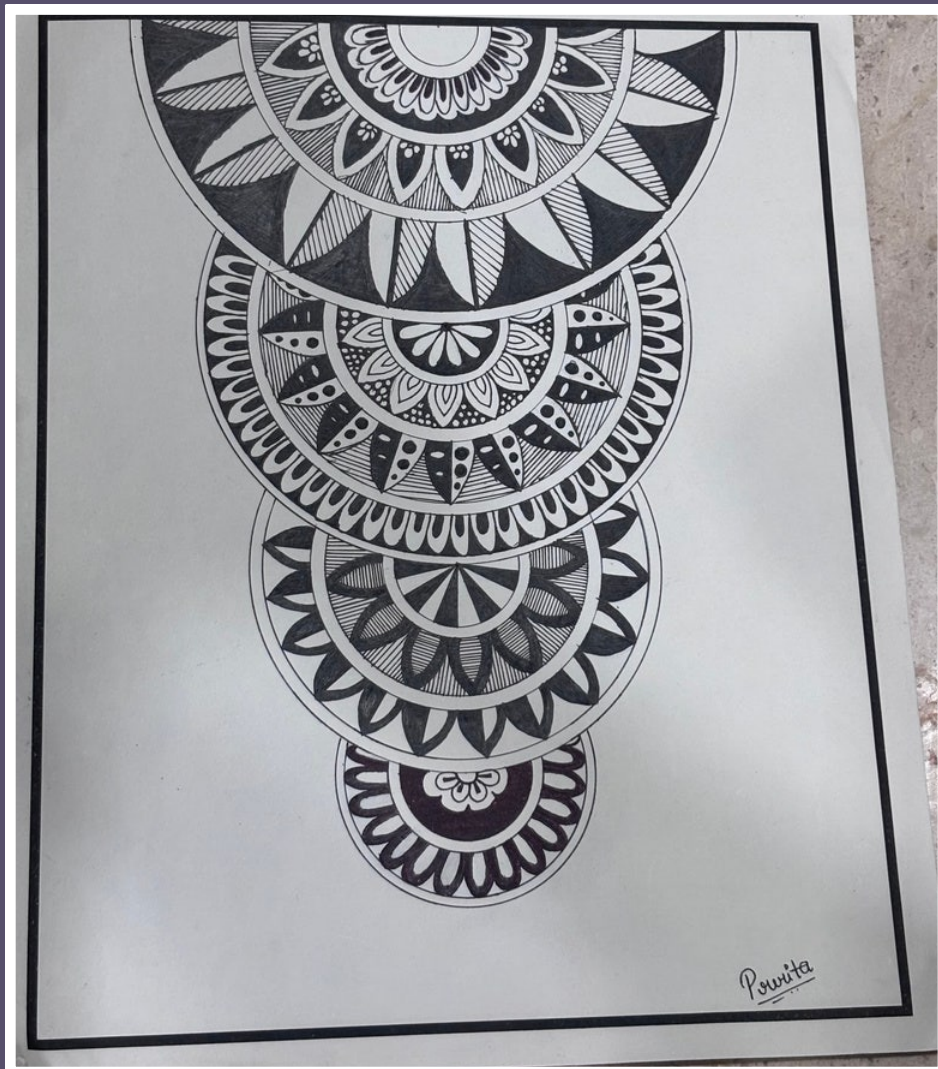
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~ **Ashish Kumar Yadav**  
2nd Year



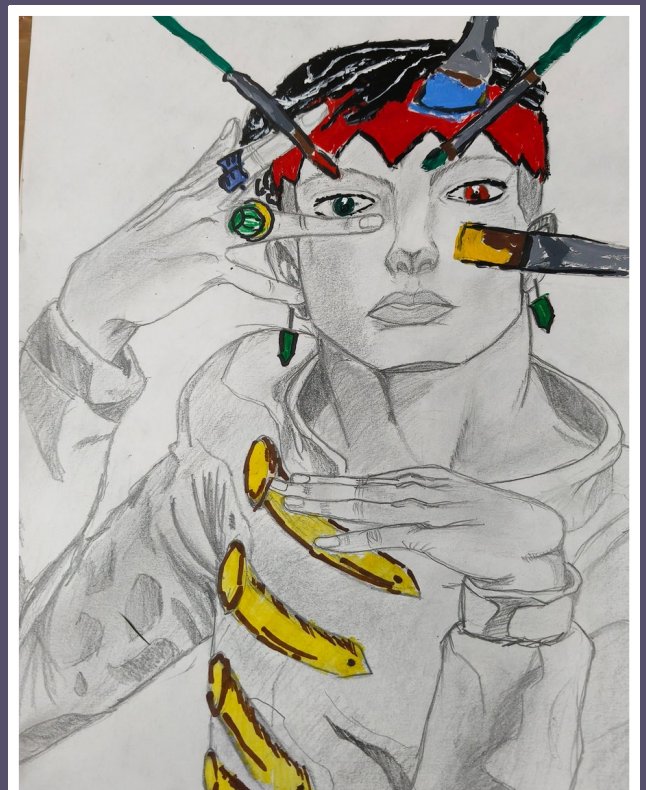
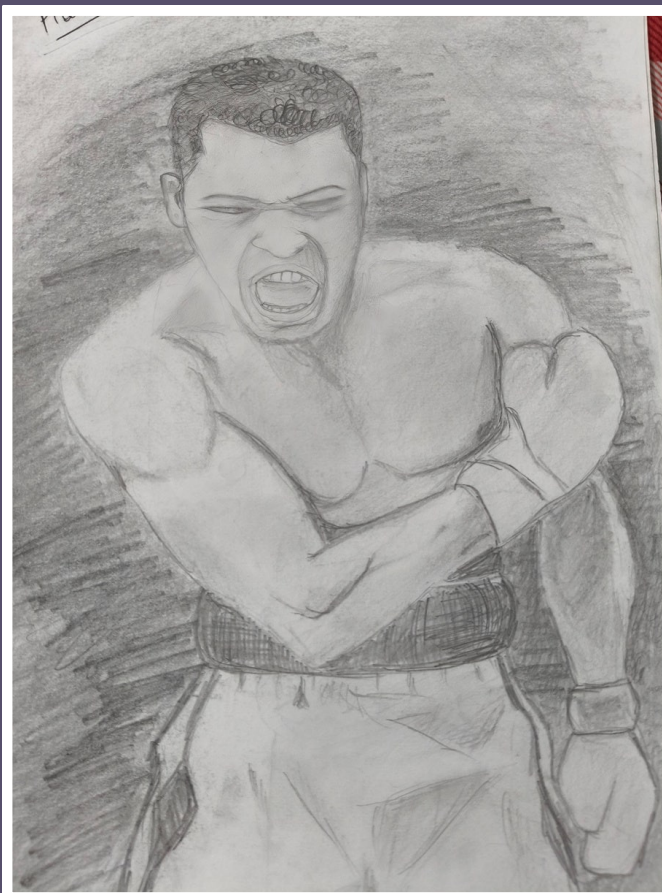
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~ Prerita Bahl  
1st Year



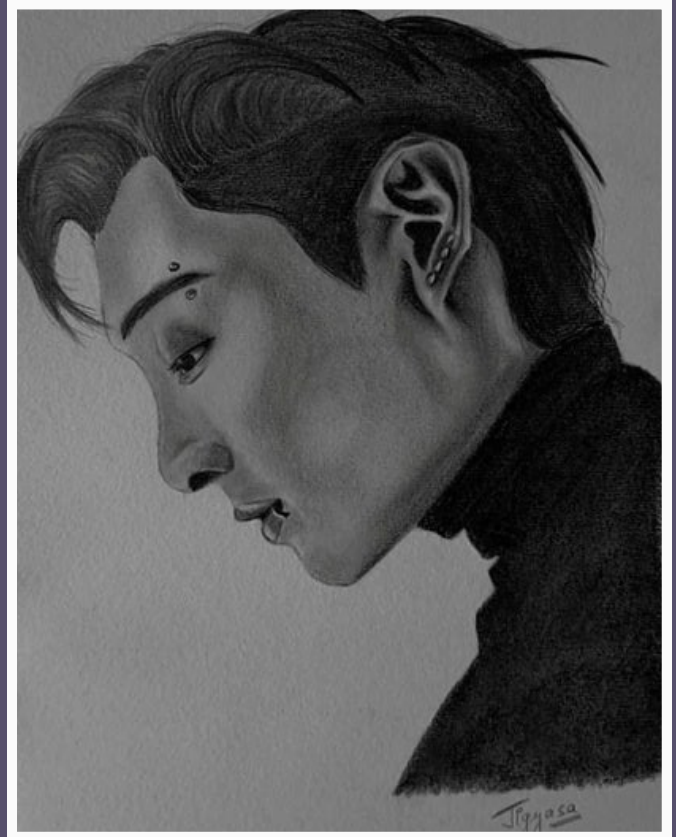
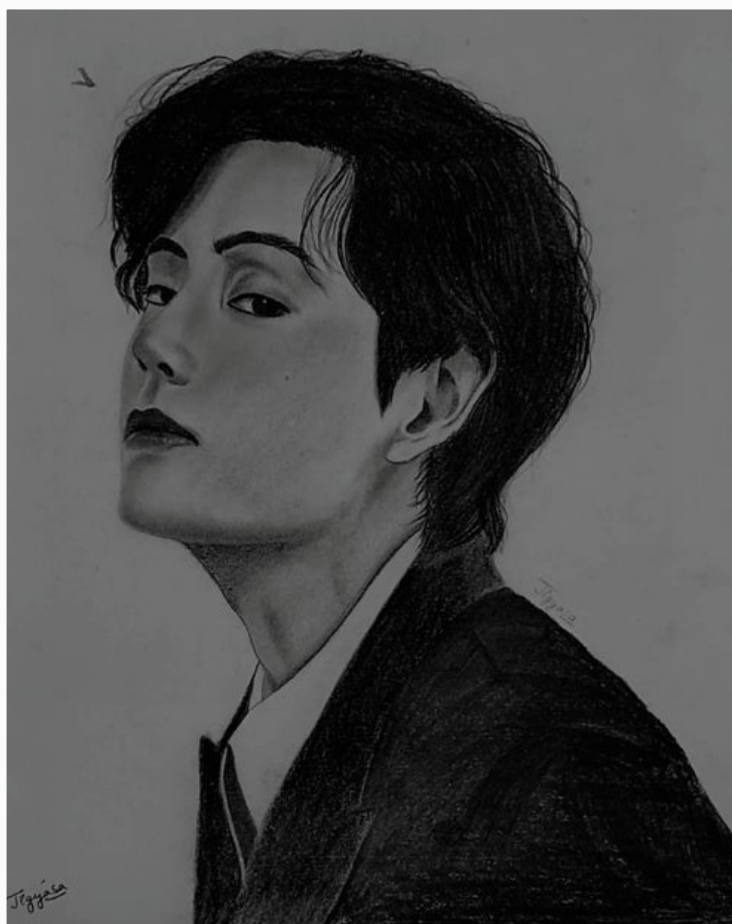
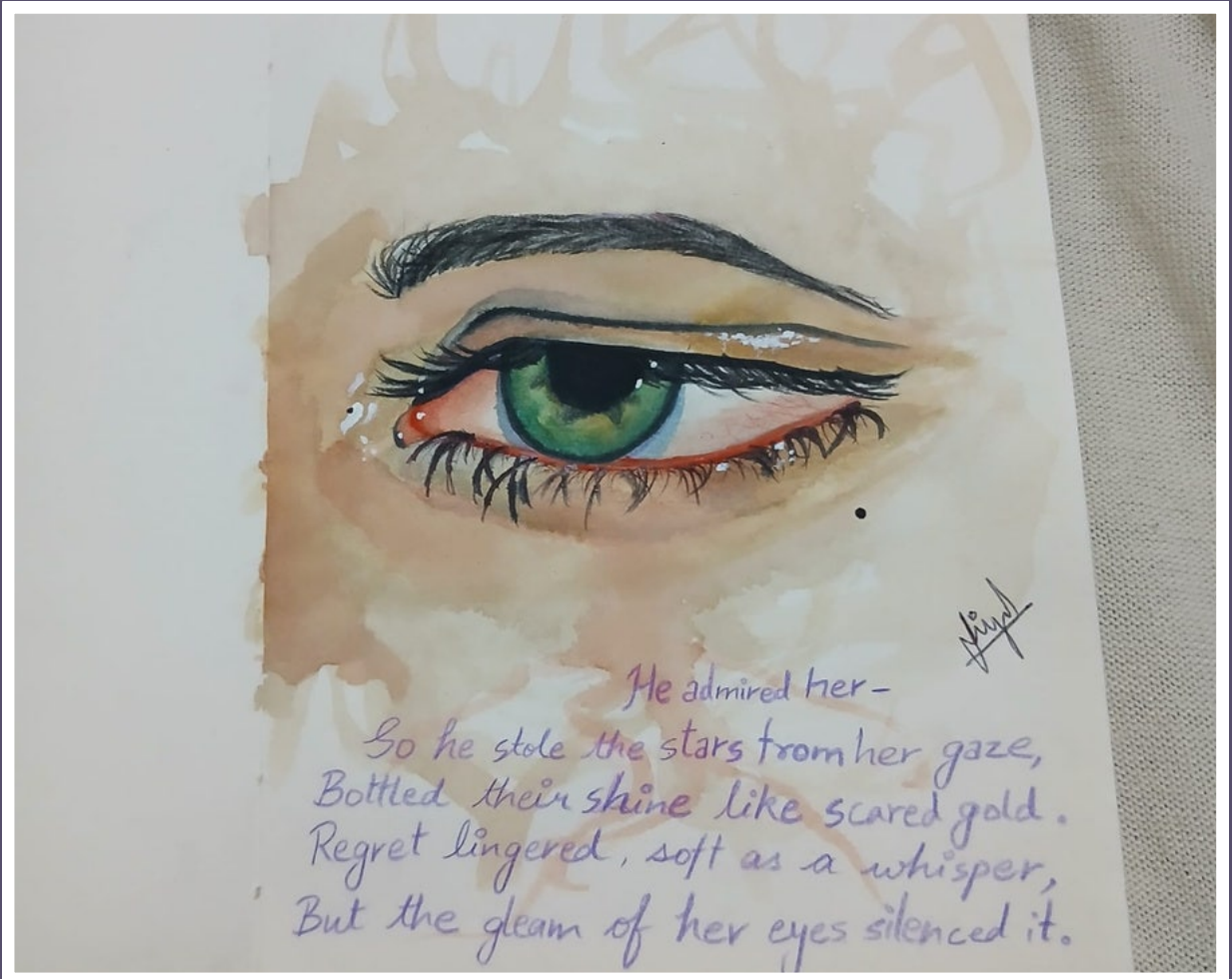
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~ **Hardik Dave**  
1st Year



6

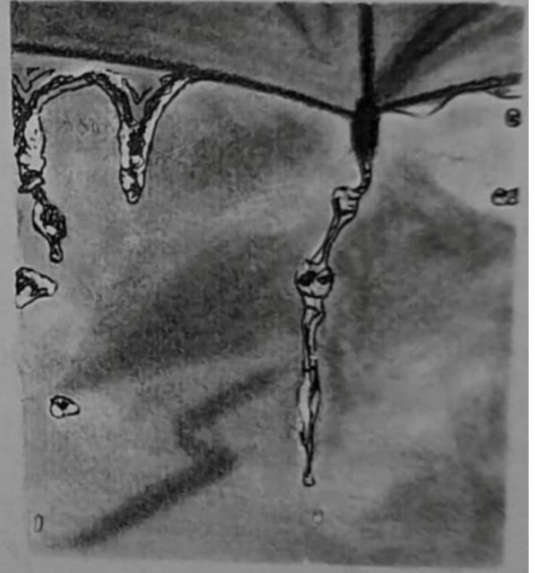


~ Jigyasa Saxena  
1st Year



Sometimes, rain is necessary  
for the skies to get clear.

14 JUNE 2022



~ Jigyasa Saxena  
1st Year

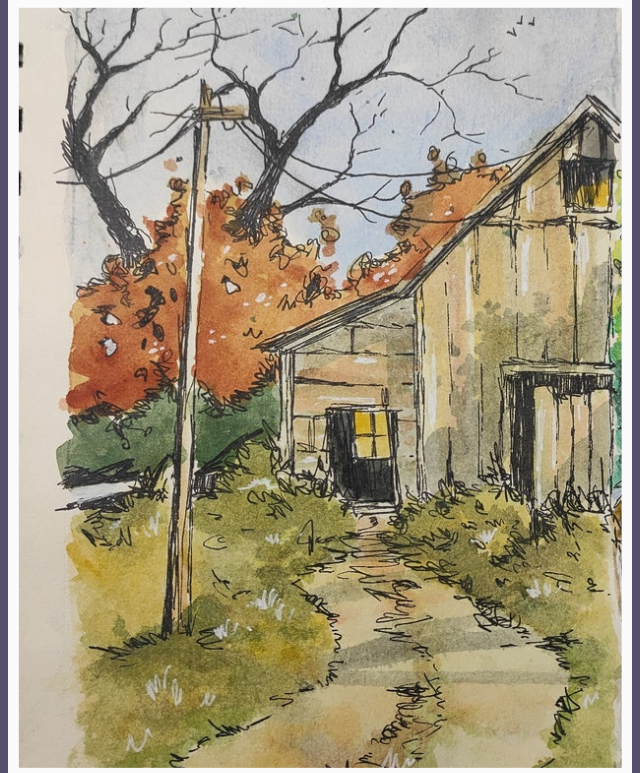


7



~ Sana Sethi  
1st Year







# Poesis Tacita

EMOTIONS STITCHED INTO EVERY SYLLABLE





के जब मोहब्बत के किस्से होंगे दो-चार हम भी सुनाएंगे,  
इश्क करते थे उनसे, जता ना पाए ये भी बताएंगे।  
कहते हैं इक तरफा आशिक को आवारा मोहब्बत में,  
हम तो तन्हाई में भी उन्हीं के नाम के दिए जलाएंगे।

॥    ॥    ॥

कि उसे देखा, कुछ देर देखा, थोड़ी देर और देखा,  
देखने में तो वो वही थी,  
पर उसके दिल में मेरी जगह नहीं थी।  
के हम दोनों हो गए थे अपनी-अपनी जिंदगी में मशरूफ़,  
यारों किताब तो वही थी बस कहानी नई थी।

~ साहिल खान  
तृतीय वर्ष





हर किसी से हो जाए, मज़बूरी थोड़ी है...

और जिसे हम चाहें वो भी हमें चाहे, ये जरूरी थोड़ी है...

और अगर उसने चाह भी लिया हमे इस कदर,  
वो जिंदगी भर साथ निभाए ये जरूरी थोड़ी है।

॥ ॥ ॥

उसकी गली में मुझको जाना नहीं,

हाल कैसा है ये भी बताना नहीं।

बड़ी हसरत है जाना उस दिन की,

वो कहे मैं हूँ, मैं कहूँ जी पहचाना नहीं।

~ साहिल खान  
तृतीय वर्ष





वो प्यार का राही सवार भी तो मोहब्बत की उस कश्ती  
में था जिसका मिलना उसके मुकद्दर में ना था

ना लहरे रोक सकी ना तूफान थाम सका मगर जब  
मंज़िल ने ही ठुकरा दिया तो डुबना तो तय था

॥ ॥ ॥

दर्द किसी पराये ने नहीं अपना समझने वाले ने ही  
दिया था परायो को तो याद से भी साफ कर दिया  
करती थी

बस खता यहां होगई हमसे कि अपनों के तो गुनाहों  
को भी माफ कर दिया करती थी

~ **सिमरन**  
द्वितीय वर्ष





















# A TRIBUTE TO SUCCESS STORY OF RASAYANATVA '25



From a spark of curiosity to a blazing trail of achievements — Rasayanatva's journey has been nothing short of phenomenal.

Through tireless efforts, bold initiatives, and unshakable teamwork, Rasayanatva has not just organized events — it has created experiences. Be it hosting eminent scientists, launching groundbreaking lecture series, or engaging students with quizzes, workshops, and outreach programs — we've carved a niche in the college's legacy and among the top chemical societies of the Delhi University.

But behind every success lies a team — a family — that worked through deadlines, doubts, and determination. Each tenure added a new layer to the foundation, each contribution added color to our canvas. This society became a space where leaders were made, ideas were heard, and every member found a chance to shine.

Here's to Rasayanatva — more than just a society, a movement in motion. May the next chapters be even brighter.



# EPILOGUE

As we conclude this edition, we sincerely hope the reflections, inspirations, and individual voices presented have found a place with you. Throughout these pages, we've endeavoured to immortalize experiences, unpack complex notions, and cultivate shared understanding, hoping their influence will extend far beyond the final read. May the insights you have gained continue to resonate, the questions posed spark new inquiries and the inspiration you have found drive you toward your own significant achievements. Our journey continues, and we look forward to sharing its next chapter with you.

Thank you for reading!



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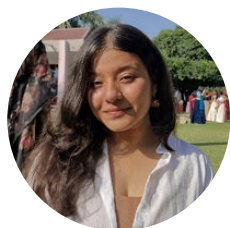
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**RIDHI AGGARWAL**

*Event Head*



**ARPAN SINGH**

*Event Head*



**ROUSHAN KUMAR**

*Event Coordinator*



**DILIP KHERWAR**

*Event Coordinator*



**POONAM SWAMI**

*PR & Sponsorship Head*



**PRIYANSHU KUMAR**

*PR & Sponsorship Head*



**RASHI RAWAT**

*Creative Head*



**BHAWANA YADAV**

*Creative Head*



**SIMRAN CHAUDHARY**

*Creative Coordinator*