

DIKSHARAMBH



DEPARTMENT OF APPLIED SCIENCES

SEPT.2025

ISSUE.1

PREFACE

We are extremely proud and excited to share with you the First issue of our departmental magazine, which is a lively representation of the passion, intelligence, and inventiveness of our student body. With a wide range of articles, poetry, artwork, and narratives that highlight the distinct viewpoints and skills of our students, this issue is a celebration of our shared journey.

We are incredibly grateful to all those who have contributed their voices, ideas, and works of art, to make this magazine a potent vehicle for individual expression and acknowledgment. We are incredibly proud of their accomplishments, which were made possible by their commitment and diligence.

We would especially want to express our gratitude to our distinguished editorial staff for their diligent efforts in assembling this collection and to our committed academic advisers for their assistance and essential advice. We are able to realize this vision as a cohesive team because of their dedication, which has created a collaborative atmosphere.

We hope that this magazine will be a constant reminder of our common path and a source of inspiration for future innovation and cooperation.

Best wishes

The Editorial Board



Vision and Mission of Department

Vision

To be an outstanding institution in the country imparting technical education, providing need-based, value-based and career-based programs and producing self-reliant, self-sufficient technocrats capable of meeting new challenges.

Mission

The mission of the institute is to educate young aspirants in various technical fields to the global requirement of human resources by providing sustainable quality education, training, and an invigorating environment besides moulding them into skilled competent, and socially responsible citizens who will lead the building of a powerful nation.

From Chairman's Desk
Shri Vishnu Saran, B.E. (Mechanical)
Chairman, MIET Group



It is a matter of great pride and privilege to introduce the first edition of the departmental magazine, Infographic-2025, published by the Department of Applied Sciences, MIET. A departmental magazine serves as a platform to showcase the literary and artistic talents of both students and faculty. It also plays a vital role in nurturing essential personal skills such as creativity, critical thinking, confidence, time management, and responsibility. Writing for such a publication not only enhances communication skills but also fosters accountability and self-expression.

I hope Infographic-2025 presents a vibrant collection of insightful and inspiring contributions from our students and faculty, making it both informative and engaging for all readers.

Vice Chairman's Message
Shri Puneet Agarwal

Vice-Chairman, MIET Group of Institutions



A departmental magazine is the mirror of departmental activities. It acts as a catalyst for facilitating and bringing out the creative talent among the students and faculty of that department. A department may reach heights of glory but outside world may not know of it until its success stories get published in a magazine. Therefore, a departmental magazine plays a vital role in revealing the 'unrevealed'. We need to recognise, appreciate and applaud the talents around us; therefore, this magazine is an effort to mirror the minds of young writers who have tried to express themselves. Hope this collection of artistic and literacy talents of students and faculty will remain as a signature of the department in the minds of viewers and readers.

Message from Placement Director

Ms. Akanksha Agarwal

Placement Director, *Meerut Institute of Engineering & Technology, Meerut*



It gives me immense pleasure to extend my greetings to all students, faculty members, and contributors of the departmental magazine. This publication serves as a reflection of our students' creativity, innovation, and academic spirit.

In today's competitive world, holistic development and professional readiness are as important as academic excellence. Our department continues to nurture talent by bridging the gap between industry and academia through training programs, internships, and placement opportunities. I am proud of our students' achievements and their ability to adapt to the ever-evolving professional landscape.

I commend the editorial team for their dedicated efforts in bringing this magazine to life. May this edition inspire every reader to think critically, act responsibly, and strive for excellence in all pursuits.

Wishing the magazine great success and all students a bright and fulfilling future.

Message from Campus Director

Prof. (Dr.) S.K. Singh

Campus Director, *Meerut Institute of Engineering & Technology*, Meerut



Dear Students, Esteemed Parents, and Dedicated Staff,

It is with great pleasure that I present the first departmental magazine of the Applied Sciences Department, MIET — a testament to the creativity, achievements, and collaborative spirit of our students and faculty.

In a rapidly evolving world, our institution remains committed to education that goes beyond knowledge — fostering critical thinking, creativity, and strong values. We strive to educate, enlighten, and empower every student to meet the future with confidence and integrity.

This magazine reflects our students' diverse talents and the holistic opportunities MIET provides across academic and co-curricular spheres. It also serves as a bridge, sharing our vibrant activities and accomplishments with parents and the wider community.

I urge every student to keep exploring their potential, pursue excellence, and embrace new challenges. True education is a lifelong journey — one that transforms mirrors into windows, enabling you to see the world with clarity and compassion.

My heartfelt congratulations to the editorial team, faculty, and students whose dedication and creativity made this publication possible.

Message from Asso. Dean First Year

Dr. Vineet Kumar

Professor and Associate Dean- B.Tech First Year
Meerut Institute of Engineering & Technology, Meerut



Congratulations to all contributors! I'm delighted to extend warm greetings to the readers of our magazine. The Department of Applied Sciences is committed to fostering both technical excellence and innovative thinking. This magazine reflects the creative and intellectual energy of our students and faculty. I encourage everyone to use this platform to share your talents and grow both personally and academically. Let's continue striving to make our institution a true temple of learning through dedication and hard work. Wishing you all the very best for a bright future!

Message From Head of Department

Dr. Nidhi Chaudhary

Professor & HOD- B.Tech First Year
Meerut Institute of Engineering & Technology, Meerut



It gives me great joy to present Infographic, the first magazine of the Department of Applied Sciences. This publication serves as a dynamic platform for our students and faculty to showcase their creativity, talent, and ideas. It reflects the dedication and hard work of all contributors, marking a significant milestone for the department. More than a collection of writings, Infographic celebrates curiosity, critical thinking, and collaboration. I extend heartfelt thanks to everyone involved and hope this edition inspires values, fosters understanding, and strengthens bonds.

May Infographic-2025 be the first of many milestones ahead. Enjoy the journey!

EDITORIAL BOARD

| | |
|----------------------------|--|
| Chief Editor | (Prof.) Dr. Nidhi Chaudhary (HOD-B.Tech First Year) |
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Editor's Message **Dr. Monika Duggal**

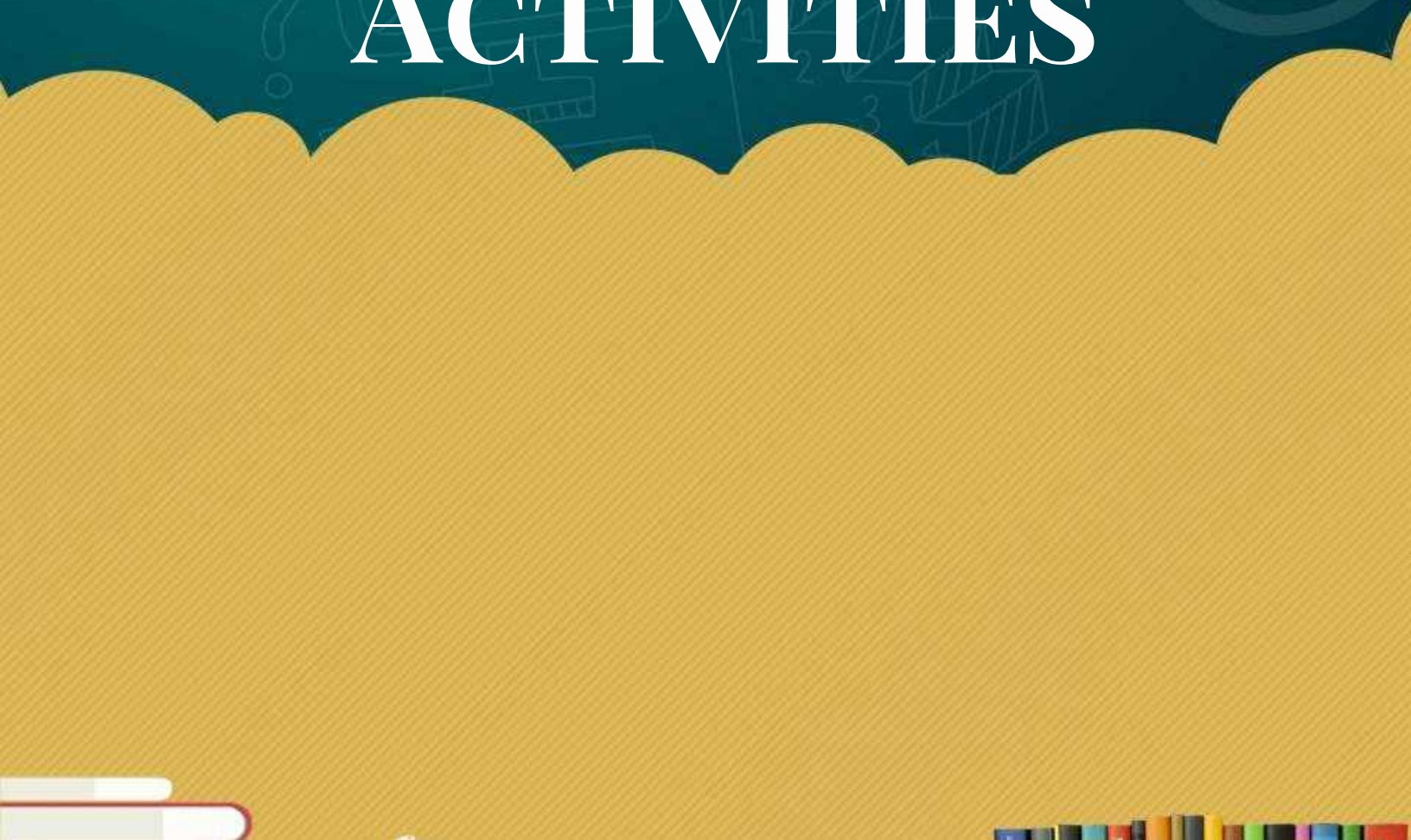
Associate Prof. (English), *MIET, Meerut*



It is a matter of great joy for me to serve as the editor of Infographic, the first magazine of the Department of Applied Sciences. A departmental magazine reflects the life, achievements, and creative spirit of its students and faculty. It not only showcases academic and extracurricular pursuits but also promotes the department's contributions to the wider world. Infographic serves as a platform for our students to express their thoughts, creativity, and perspectives on life and society. I hope readers appreciate their sincere efforts and overlook minor errors. This publication was made possible through the dedicated support of the College Magazine Committee, whose guidance and encouragement inspired students to contribute. I extend my heartfelt thanks to our respected Director, Dr. S. K. Singh, for his trust and support, and to all colleagues for their cooperation. We sincerely hope the magazine is well received and appreciated by all.



GLIMPSSES OF DEPARTMENTAL ACTIVITIES

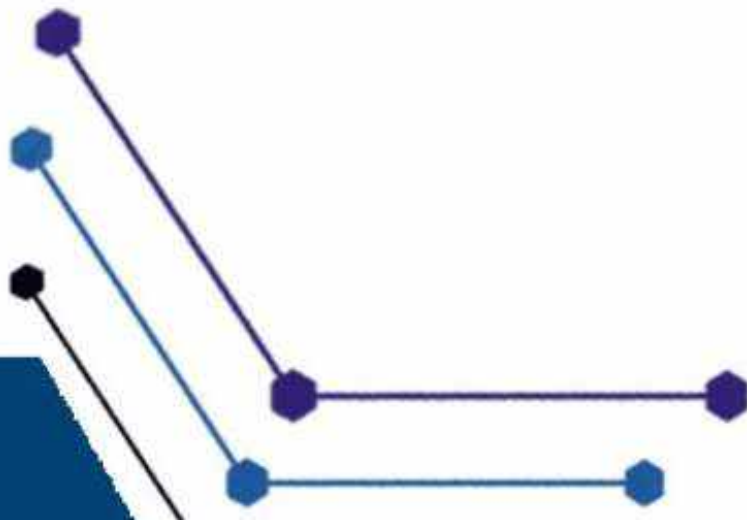


About The Department

- 31 Class Rooms
- 1 Seminar Hall
- 1500+ Students
- Total Number Of Faculty Members =113
- 6 Professors
- 11 Associate Professors
- 96 Assistant Professors

Meerut Institute of Engineering and Technology, Meerut Faculty Research Paper publication Details w.e.f August 2024 to till date

| S No. | Paper title | Name of the author/s from MIET | Journal paper /Conference paper | Indexing (SCI/ESCI/SCOPUS/Other) |
|-------|--|--------------------------------|---|----------------------------------|
| 1 | Beyond Glass Ceilings: Chronicles of Feminine Fortitude | Dr. Monika Duggal | Journal Paper (Library Progress International) | SCOPUS |
| 2 | Super Quasi-Einstein Warped Products Manifolds with Respect to Affine Connections | Dr. Mohd Vasiulla | International Journal Axioms (Publisher: MDPI) | SCIE |
| 3 | Analysis of W_3 Curvature Tensor in Modified Gravity and Its Cosmological Implications | Dr. Mohd Vasiulla | International Journal (Symmetry) (Publisher: MDPI) | SCIE |
| 4 | Geometric and Physical Characteristics of Pseudo-Schouten Symmetric Manifolds | Dr. Mohd Vasiulla | International Journal Axioms (Publisher: MDPI) | SCIE |
| 5 | ON RICCI SEMI-SYMMETRIC MIXED QUASI-EINSTEIN HERMITIAN MANIFOLD | Dr. Mohd Vasiulla | International journal - Facta Universitatis, Series: Mathematics and Informatics (Publisher: University of Nis) | ESCI |
| 6 | Biochar supported metal oxide nanocomposites for electrochemical estimation of simazine in water samples | Dr. Diksha Palariya | Chemical Papers (Publisher: Springer Nature) | SCOPUS |



Departmental Achievement: Research Publications

The Department of Applied Sciences proudly acknowledges the research contributions of its faculty members during the academic session. A total of 22 publications were recorded, reflecting the department's active engagement in scholarly pursuits. Out of these, two papers have been accepted for publication, while four have already been published, marking a significant stride in the department's research visibility.

In total, 22 faculty members have contributed to this achievement, underscoring the department's collective commitment to advancing knowledge across diverse disciplines. Several noteworthy journals and publishers have recognized the department's research work. Among them are:

- **Palestine Journal of Mathematics (Palestine Polytechnic University) – Accepted**
- **International Journal of Maps in Mathematics (Bayram Sahin) – Accepted**
- **Multiscale and Multidisciplinary Modelling, Experiments and Design (Springer Nature) – Published**
- **Mechanics and Materials Science of Biological Materials (Springer, Singapore) – Published**
- **Library Progress International- Published**



International Conference on Contemporary Trends in Science and Technology for Global Impact 10th – 12th July 2025 | Hybrid Mode

The Department of B.Tech First Year, MIET, Meerut, successfully organized the International Conference on Contemporary Trends in Science and Technology for Global Impact from 10th–12th July 2025 in hybrid mode. The conference received an overwhelming 252 research paper submissions from across the globe. Of these, 45 papers and 18 posters were presented offline, while over 150 papers were presented online, reflecting diverse and innovative research contributions.

The inaugural ceremony was graced by Shree Vishnu Saran (Chairman), Shree Puneet Agarwal (Vice Chairman), Prof. (Dr.) Sanjay Kumar Singh (Director, MIET), Prof. (Dr.) Sanjeev Kumar Singh (Dean, MIET), and Mr. Mohan Prasad (Associate Director, Training, MIET).

The event was further enriched by distinguished guests: Prof. (Dr.) Biswajit Sarkar, Yonsei University, South Korea (Chief Guest), and Prof. (Dr.) Beer Pal Singh, CCS University, Meerut (Guest of Honour). Eminent keynote speakers included Prof. (Dr.) Biswajit Sarkar, Prof. LE Cárdenas Barrón (Tecnologico de Monterrey, Mexico), Dr. Praveen Kumar Punia (University of Technology and Applied Sciences, Oman), and Prof. Nita H. Shah (Gujarat University, Ahmedabad, India). The invited speakers were Dr. Alexander Pigazzini (Denmark), Prof. S. R. Singh (CCS University, Meerut), Prof. Umakant Mishra (VIT University, Vellore), and Dr. Izhar Uddin (Jamia Millia Islamia, New Delhi).

The conference was ably coordinated under the leadership of Dr. Neha Saxena (Organizing Secretary), Dr. Vineet Kumar (Organizing Chairperson), and Dr. Nidhi Chaudhary (Organizing Co-Chairperson). Special contributions were made by Dr. Wasiullah, Mr. Amit Saini, Dr. Ramesh Chand, Dr. Ruchi Garg, Dr. Soni Yadav, Dr. Ruchi Bhatnagar, Dr. Piyush Tehri, Mr. Shivam Verma, and Mr. Vasu Poply, ensuring the smooth conduct of the event. The sessions were eloquently anchored by Dr. Ruchi Sachdeva and Ms. Menka Chaudhary.

With the unwavering support of the management, faculty, and students, the conference concluded successfully, marking a significant academic achievement and enhancing MIET's global research presence. **The conference was indeed a grand success.**



Online NITTTR STC (FDP) on "Sustainable Creativity and Innovation Management in Institution"

Department of Applied Sciences and Humanities organised an online NITTTR Short term course (FDP) (ICT-122) on "Sustainable Creativity and Innovation Management in Institution " with MIET as Remote Centre on 3rd of March, 2025 in hybrid mode. The program continued to receive an enthusiastic response, providing participants with valuable insights about innovation for academic & professional use.

A special thanks to our director sir Prof. (Dr.) Sanjay Kumar Singh and honourable management for their continued encouragement and unwavering support.

The collaborative efforts of the Dean First year, Head of Department- Applied Sciences and Humanities and all the faculty members who joined the session for their invaluable contribution and support were instrumental in making this FDP a success!



Five-Day Online Faculty Development Program on Latex

A five-day online FDP on Latex (conducted exclusively on Saturdays) was organised by Department of Applied Sciences from 9th of Nov. 2024 to 14th of Dec.2024.

Objectives of the event:

By the end of the program participants were able to:

- customize document formatting to meet specific publication guidelines.
- learn the basics of Latex and its publication in creating well-structured academic writing.
- gain experience in managing figures and bibliography.
- acquire tips to enhance the readability of the document.
- enhance their skills in writing the research paper.

Event Highlights and Key Activities:

Five-day online Faculty Development Program on LaTeX,

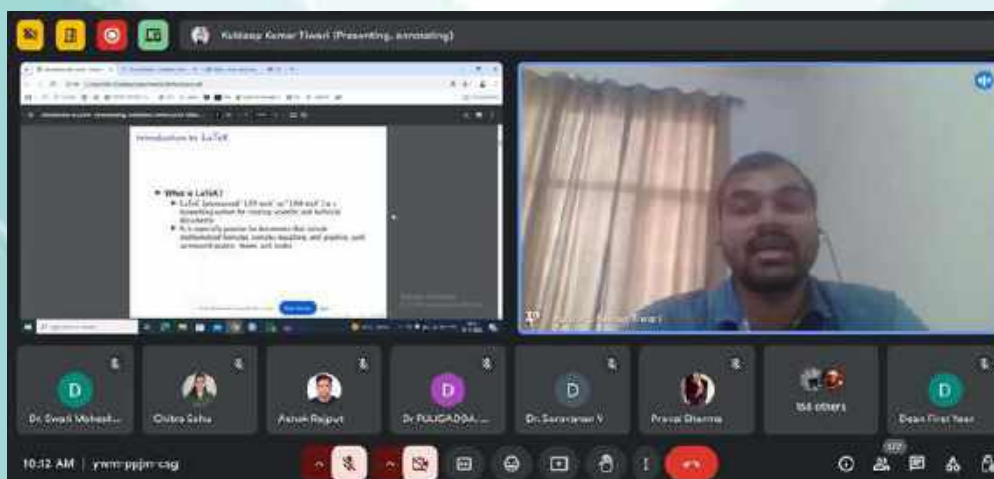
offered an extensive overview of Basic maths in Latex, Mathematical typeset and Algorithm writing, Different type of Table Preparation-List of Contents, insertion of table, & Figure, Writing CV, References, Bibliography, Creating Presentation with Beamer, Large documents like- Project & Thesis.

Convenor & Co-convenor:

FDP Convenor: Dr. Swati Maheshwari

FDP Co-convenor: Ms. Chitra Sahu, Dr. Rahul Panchal

The event was successfully concluded and gained a remarkable success with unwavering support and encouragement from honourable director sir Prof. (Dr.) Sanjay Kumar Singh, Dean first Year Dr. Vineet Kumar Gupta, Head of Department (Applied Sciences and Humanities) Dr. Nidhi Chaudhary and all the participants who joined the event and made their invaluable contribution.



Awareness Session on Outcomes Based Education and Methodology to compute CO- PO-PSO Attainment

The Department of B.Tech First Year successfully organized a comprehensive faculty development session on “*Awareness of Outcome-Based Education and Methodology to Compute CO-PO-PSO Attainment.*”

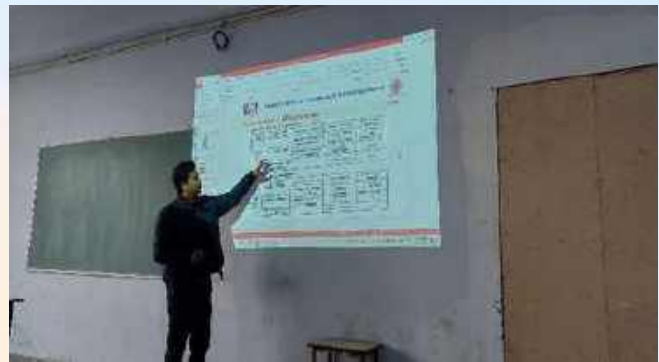
The session was conducted by Mr. Praveen Chakraborty, Head of IQAC, MIET, Meerut, and was aimed at deepening the faculty’s understanding of CO-PO mapping and the attainment calculation methodology in alignment with academic goals for the session 2024–2025.

In addition to discussing Outcome-Based Education (OBE), the session provided valuable insights into accreditation processes governed by the National Assessment and Accreditation Council (NAAC) and the National Board of Accreditation (NBA).

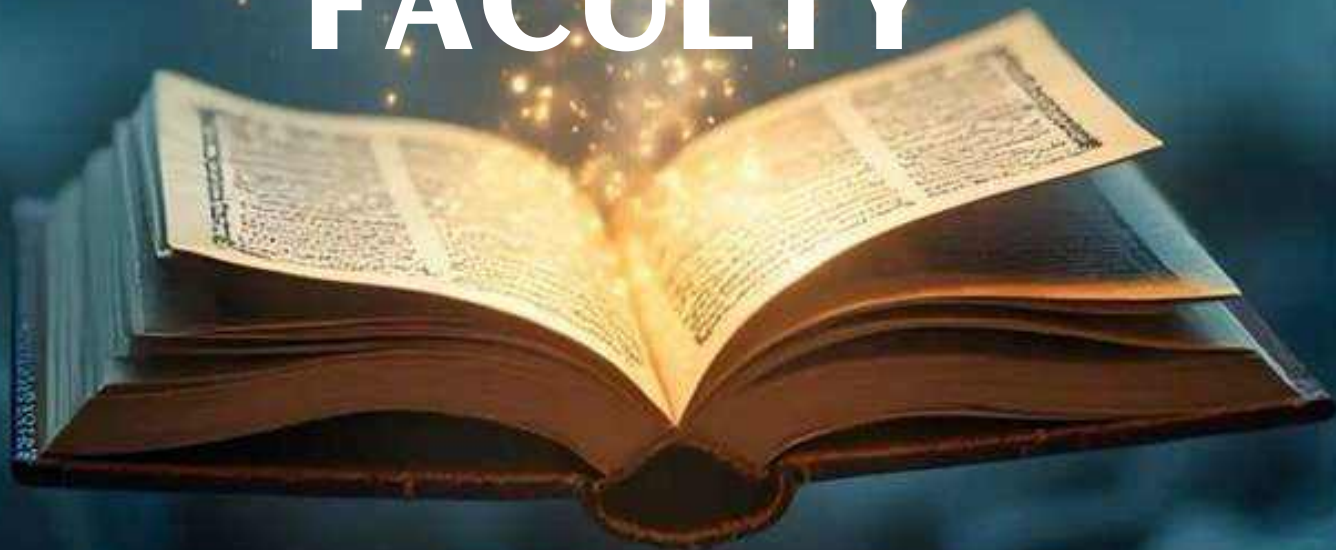
The event witnessed active participation from 57 faculty members of the B.Tech First Year department, all of whom contributed meaningfully toward achieving the objectives of the session.

The initiative was led under the guidance of the Honourable Director, Prof. (Dr.) Sanjay Kumar Singh, Dean First Year, Dr. Vineet Kumar, and Head of Department, Dr. Nidhi Chaudhary, whose support was instrumental in the success of the event.

Special thanks to the session coordinators, Mr. Amit Saini and Ms. Artika Gupta, Assistant Professor, for ensuring smooth execution and coordination throughout the session.



**WORDS OF
WISDOM BY
B.TECH I YEAR
FACULTY**



Digital Well-Being in the Age of Constant Connectivity

“Stay connected, stay mindful, stay productive.”

In today’s world, technology has become inseparable from our lives. Smartphones, social media, and online platforms connect us instantly to information and people across the globe. While this connectivity offers countless opportunities for learning and growth, it also brings a challenge that is becoming increasingly relevant—digital well-being. Students, especially in their first year of engineering, are surrounded by digital distractions. The constant stream of notifications, endless scrolling, and over-dependence on gadgets often leads to reduced concentration, disturbed sleep, and even stress. If not managed wisely, technology designed to empower us can quietly drain our time, focus, and creativity. Digital well-being is about finding the right balance. It means using technology to learn, innovate, and stay connected, while also knowing when to unplug, reflect, and recharge. Just as physical health requires exercise and good habits, digital health requires discipline, self-awareness, and mindful choices. The signs of digital imbalance are visible everywhere—shortened attention spans, loss of face-to-face communication, and even feelings of isolation despite being “online” all the time. As engineers in training, students must understand that focus and clarity of mind are as important as technical skills. A distracted mind cannot innovate. Simple practices such as turning off unnecessary notifications, setting fixed times for social media use, and maintaining digital-free zones while studying can make a big difference. Engaging in physical activities, creative hobbies, and peer discussions can help restore the balance between the virtual and the real world. As young engineers preparing to shape the future, students must learn to be masters of technology, not its slaves. Prioritizing real-world interactions, maintaining screen-free study routines, and using digital tools responsibly can make academic life more productive and fulfilling. Our institute is committed to nurturing not just knowledgeable engineers but also healthy, balanced individuals. In the long run, success will not only depend on technical expertise but also on the ability to manage one’s time, energy, and mental well-being. Let us remember: technology is a powerful ally when used with purpose, but our true strength lies in clarity of thought, discipline of mind, and balance in life.

“Disconnect to Reconnect—with learning, with people, and with yourself.”

Prof. (Dr.) Vineet Kumar
Associate Dean, B.Tech First Year
MIET, Meerut



Human–Machine Collaboration: Engineering Beyond Boundaries

“When creativity meets technology, innovation takes flight.”

We are living in an exciting time where machines are no longer just tools in our hands—they are becoming our partners. From self-driving cars to surgical robots, from voice assistants to smart factories, the idea of human–machine collaboration is transforming the way we live, learn, and work. There is often a fear that machines will replace humans. In reality, machines are taking over repetitive and routine jobs, while humans continue to do what they do best—think creatively, make wise decisions, and bring empathy into problem-solving. When humans and machines work together, the result is greater efficiency, safety, and innovation. For engineering students, this is an important lesson. The future is not about humans versus machines—it is about humans with machines. Whether it is developing sustainable energy systems, advancing healthcare, or exploring space, tomorrow’s engineers will achieve more by treating machines as collaborators, not competitors. We already see this partnership in action. In healthcare, robots assist doctors in performing complex surgeries with precision. In industries, machines handle dangerous tasks while humans provide oversight. In classrooms, simulations powered by technology allow students to learn through real-world experiences without risk. These examples prove that when machines provide efficiency and humans provide judgment, progress is accelerated. Beyond efficiency, collaboration with machines also opens doors to new kinds of creativity. With machines handling calculations, analysis, and repetitive work, humans are free to focus on big ideas, innovation, and designing solutions that improve lives. This partnership has the potential to create breakthroughs in renewable energy, space exploration, biotechnology, and sustainable development. But collaboration also comes with responsibility. Engineers must design machines that are ethical, transparent, and inclusive. Human values—like compassion, creativity, and fairness—will always remain irreplaceable, no matter how intelligent machines become. Technology may be powerful, but without human wisdom, it cannot serve society meaningfully. As you begin your engineering journey, remember: the future belongs to those who can adapt, innovate, and embrace change. Machines may extend your abilities, but it is your curiosity, imagination, and sense of responsibility that will shape a brighter tomorrow. Together, humans and machines can create a smarter, safer, and more sustainable world.

“Beyond boundaries, beyond fears—human and machine together can engineer the impossible.”

Prof. (Dr.) Nidhi Chaudhary
HoD- B.Tech First Year
B.Tech First Year



Mindfulness

Mindfulness is a word we hear a lot these days, but what exactly does it mean? Did you ever drive somewhere and find that you could not remember much of the journey when you got there? Or did you ever plan on eating just one biscuit but consumed the full packet instead. Alternatively, have you remained up late, or perhaps all night, watching "just one more" episode of a television program? Mindlessness is what all of these are. When we live this manner, we are not living life to the fullest and we are not fully conscious of it.

Being mindful makes us more aware of our thoughts, behaviour, and the events going on around us. Instead of preparing our next words, we can take in a stunning sunset or pay close attention to what a buddy is saying. We are also more conscious of our own ideas and emotions. "Paying attention, on purpose, in the present moment, and without judging" is what Jon Kabat Zinn, who has done much to popularize mindfulness, defines as mindfulness.

Therefore, we are deliberately choosing what to focus on, we are not planning for the future or worrying about the past, and we are not attempting to stop or regulate our thoughts or feelings—we are simply observing them.

For most people, life is getting more and more stressful. We are so occupied with technology that we hardly ever have time to just "be". Texting while watching TV or even looking at our phones while walking down the street are common examples of multitasking and all this is leading to stress, which can be reduced by engaging ourselves in mindfulness exercises. Mindfulness lowers stress and depression. It can improve your ability to focus, remember things, and think effectively. Also, it can help people sleep better, manage pain better, and even lose weight because you won't mindlessly devour the entire packet of biscuits!

How to become more mindful?

Counting the number of noises, you can hear after closing your eyes for a few minutes is a fairly easy method you may attempt right now. This will assist you in keeping your attention on the present. Another method is to concentrate on a food item, usually a raisin. Take your time eating it rather than consuming it mindlessly. Examine it closely and feel its texture in your fingers. After that, taste it on your tongue. Then begin eating it gradually while taking note of its flavour and texture. If you want to practice mindfulness for yourself, you can discover a lot of additional ideas. Both of these methods require you to slow down and concentrate on the here and now. "The soul has no secret that the behaviour does not reveal....."

Dr. Monika Duggal (Asso. Prof.)
Subject Head: Technical Communication



Ignite Your Journey: Lessons From Kalam and Vivekananda

“Dream is not that which you see while sleeping, it is something that does not let you sleep.” – Dr. A.P.J. Abdul Kalam

As you step into your engineering journey, remember the paths of two great souls—Dr. A.P.J. Abdul Kalam and Swami Vivekananda. Kalam, from a humble background, soared to become India’s Missile Man through dedication and dreams. Vivekananda, with unwavering faith in himself, inspired millions to rise and awaken their inner strength.

In his famous speech in Chicago, Vivekananda’s fearless call to youth was:

“Arise, awake, and stop not till the goal is reached.”

Dr. Kalam was a scientist who valued spirituality, while Vivekananda was a monk who understood modern challenges. Students should develop both technical skills and inner clarity, emotional strength and intellectual sharpness. Both teach us that success comes from hard work, self-belief, and serving a greater purpose. Key qualities for engineers are the courage to question, explore, and create.

"As future engineers, fuel your passion with their wisdom: dream big, stay determined, and build not just machines, but a better India. Also, think about how you can contribute to the nation—through technology, clean energy, healthcare innovation, rural development, and more."

Monika Mittal
Assistant Professor
Department of Applied Sciences



Empowering Every Voice: Intersectional Feminism on Campus

**“I raise up my voice—not so that I can shout, but so that those without a voice can be heard.” —
Malala Yousafzai**

Education is often seen as the transfer of knowledge, but it is far more than that. It is about shaping minds, inspiring empathy, and nurturing awareness. On college campuses, embracing intersectional feminism becomes a vital part of this mission. Intersectional feminism reminds us that women’s experiences are not uniform—they are shaped by overlapping identities such as race, class, sexuality, and ability. Recognizing this complexity is crucial for creating an inclusive, equitable, and truly transformative learning environment.

For students, understanding intersectional feminism is not merely academic; it is profoundly personal. It invites young adults to reflect on their own privileges, challenge ingrained biases, and amplify voices that have been historically marginalized. Classroom discussions, workshops, and collaborative projects can serve as platforms to connect theoretical ideas with real-world social dynamics. In doing so, education transcends rote learning and becomes a tool for empowerment and change.

Yet, fostering inclusivity is not limited to structured programs or policies. It thrives in everyday interactions—how we listen to a peer’s perspective, how we encourage dialogue in seminars, and how we mentor with awareness and respect. Each small action on campus contributes to a culture where diversity is not only acknowledged but celebrated.

As Bell Hooks emphasized, feminism is not a movement of exclusion—it is a call for the liberation of all. By embedding intersectional principles into campus life, we cultivate students who are not only academically accomplished but socially conscious, empathetic, and ready to lead with integrity. The college experience thus becomes more than a path to a degree; it becomes a journey toward understanding, inclusion, and collective growth.

Empowering every voice on campus is not an abstract ideal—it is a responsibility, a practice, and ultimately, the heart of education in a diverse and interconnected world.

Apoorva Tyagi
Assistant Professor
Department of Applied Sciences (Soft Skills)



The World as We Might Know It in 2050: When AI Rewrites Our Story

Opening Note: A Window to the Future

Step into 2050, where streets hum with silent autonomous cars and drones paint the skies with deliveries. Homes anticipate our needs, and AI-powered wearables detect illnesses long before symptoms appear. Yet the deeper revolution lies within us—our bodies, minds, and relationships.

Body 2.0: The Future of Human Appearance

AI-driven biotechnology and nanomedicine may erase hereditary diseases, slow or stop aging, and redefine beauty and strength. Humans could merge with machines—AI-powered lenses providing night vision, exoskeletons enhancing strength, and hybrid bodies pushing evolution forward. Fashion may evolve into smart fabrics that adapt to mood, health, or weather, blending style with technology.

When Minds Find Machine Allies

AI implants might act as external memory banks, making instant recall possible. Students could download lessons, while professionals focus on creativity over calculation. Human thought may merge with machine intelligence, expanding imagination and problem-solving. Emotional AI companions could reduce loneliness, offering empathy and mental health support—challenging our definitions of love and connection.

From Dawn to Dusk in an AI World

Daily life will feel seamless. AI may cook, schedule, and plan our wardrobes. Traditional jobs may vanish as automation takes over, shifting humans toward creativity, exploration, and lifelong learning—possibly under universal basic income. Entertainment will thrive in hyper-immersive VR, where history, space, or fantasy worlds are only a step away.

Social Ties and Digital Bonds

Families may be shaped by AI tutors, while communities form across borders with real-time translation. Yet, digital avatars might replace intimate face-to-face gatherings.

The Human Experience in 2050

Imagine Aria, waking to a simulated sunrise, designing virtual worlds by day, and ending her night with an AI therapist. Her life reflects not what machines do, but who she is in this transformed world.

Conclusion: Humanity's Next Chapter—Redefined, Not Replaced

By 2050, humans may live longer, healthier, and part-machine. But the greatest change will be philosophical: redefining humanity in an age where intelligence and creativity can be simulated. Humans will not disappear—they will evolve

Ms. Ruchi Sachdeva
Assistant Professor
B.Tech First Year

Deconstructing The Ideology Beyond Gender

The debate over whether religion lifts humanity higher or brings out our basest instincts is ancient and, in some ways, reassuringly insoluble. No religion is higher than humanity sounds all nice but if you really think through and deconstruct it, it really means nothing. You see, 'humanity' has no standard guidelines. Examples: The very people that advocate for 'humanity' over religion' are the ones who don't like the medieval and ancient social systems. But at those times too, the different medieval and ancient people with their own various concepts of 'humanity' believed what they follow is humanity. For some people, doing laboratory experiments on animals are insanity because humans will be benefitted from it, and for some, its inhumane. For some cultures, eating animals is humanity while for some, it's not.

On the other hand, religion gives you a standard set of rules. Rules would be in full compliance with the rules of science. This article basically deconstructs the ideology of Humanity over Religion and will consider a theme which is beyond gender discrimination. In our country, we see how Gender-Just laws are undermined due to impunity and lack of comprehensive legal support and protection provided to victims. The impunity around sexual assaults, particularly enjoyed by upper-caste and upper-class (both State and non-state) perpetrators need to be addressed and strongly enforced by law. Babasaheb Ambedkar said, 'the annihilation of caste cannot be fulfilled without the annihilation of patriarchy' What is required is an overhaul of the casteist and patriarchal nature of institutions, towards building a gender-just society with a narrative of zero tolerance against all forms of gender- based violence.

Ms. Vaibhavi Bainsla
Assistant Professor
Department of Applied Sciences



The Emerging Jeopardies Of Procrastination Among Youth

“Procrastination is opportunity's natural assassin.”— Victor Kiam.

In today's fast-paced digital age, procrastination has silently evolved from a harmless habit into a widespread crisis—especially among the youth. The phrase “Tomorrow never comes” captures the essence of this growing problem, where putting off tasks until “later” has become a pattern that often leads to missed opportunities, mental stress, and stunted personal growth.

Modern life offers endless distractions—social media, streaming platforms, and gaming—that lure young minds away from focus and productivity. What begins as “just five more minutes” often turns into hours of delay, creating a cycle of guilt and anxiety. Academic deadlines, career goals, and personal aspirations are frequently sacrificed to this digital temptation.

Psychologists warn that chronic procrastination is not merely a time management issue—it reflects deeper struggles such as fear of failure, perfectionism, or lack of motivation. Over time, this habit can damage self-esteem, reduce academic or professional performance, and lead to feelings of frustration and regret.

Moreover, procrastination weakens discipline and resilience, qualities essential for navigating adult life. The youth, brimming with energy and potential, often underestimate the long-term effects of “doing it later.” When “later” keeps shifting, ambitions fade, and “tomorrow” never truly arrives.

Combating procrastination requires conscious effort—setting realistic goals, prioritizing tasks, breaking big projects into smaller steps, and maintaining a balance between leisure and responsibility. Digital detox practices and time-bound schedules can help young people reclaim control over their time and focus.

In essence, the cure for procrastination lies in action. The youth must realize that success is not built on tomorrow's promises but on today's efforts. Because in life's race, tomorrow never comes—only what we do today truly shapes our future.

Best Methods to Overcome Procrastination –

1. Break Tasks Down

- Divide large tasks into smaller, manageable steps.
- Use checklists and mini-goals.

2. Use Time Management Techniques

- Try the Pomodoro Technique (25 min work / 5 min break).
- Schedule tasks using time blocking.

3. Eliminate Distractions

- Study in a quiet place.
- Use focus apps (e.g., Forest, Freedom).
- Turn off phone notifications.

4. Set SMART Goals

- Make goals Specific, Measurable, Achievable, Relevant, Time-bound.

5. Find Accountability

- Study with a friend or join a group.
- Share goals and progress regularly.

6. Reward Yourself

- Give small rewards after completing tasks to stay motivated.

Ms. Prachi Chaudhary

Assistant Professor

Department of Applied Sciences



Artificial Intelligence in Education: A New Era of Learning

We are living in an era where education is no longer confined to textbooks and blackboards. The internet, smart phones, and online platforms have already transformed the way we learn. And now, another revolution is knocking at the door—**Artificial Intelligence (AI)**.

AI is not just a technology; it is opening new directions and possibilities in education. It is reshaping how students learn, enhancing the role of teachers, and making knowledge accessible to all.

Personalized Learning: A Unique Path for Every Student

Every classroom has a mix of learners—some excel in mathematics but struggle with languages, while others grasp science easily but find history difficult. Traditional teaching often follows a “one-size-fits-all” method, leaving some students behind while failing to challenge others. This is where AI makes a difference. Platforms like BYJU’s, Unacademy, and Khan Academy already use AI to track student progress and deliver tailored content. If a student struggles with fractions, AI offers simpler examples and visual tools. If spelling errors are frequent, the system assigns extra practice. This creates the feeling of having a personal tutor for every learner—**a true glimpse of the future of education.**

Teachers + AI : Partners in Progress

One of the biggest fears about AI is that it might replace teachers. But the reality is the opposite—AI is a teacher’s assistant, not a substitute.

Today, many teachers use AI tools to:

- Instantly check objective-type answers.
- Create summaries of study material.
- Generate practice quizzes.

This saves time, allowing teachers to focus on critical thinking, moral values, and problem-solving skills.

Machines can never teach emotions or values—only teachers can. Hence, the relationship between AI and teachers should be one of **collaboration, not competition.**

Education for All: Bridging Gaps in Access

In a vast country like India, equal access to education remains a major challenge. While cities have good schools and libraries, rural areas often lack resources. Here, AI helps close the gap. For instance, Google Translate and YouTube auto-caption assist students struggling with English. Text-to-Speech tools support visually impaired learners. Even children in remote tribal areas can now access the same digital content as students in metropolitan cities. AI is truly making education more **inclusive and democratic.**



The Challenges: Opportunities with Responsibilities

Alongside its benefits, AI brings significant challenges:

1. **Data Privacy** – Student data, learning patterns, and weaknesses are recorded by AI systems. If mishandled, this data could be misused. Schools and institutions must ensure strict data security.
2. **Over-Dependence** – Many students now rely on tools like Chat GPT for instant answers. If this habit grows, independent thinking and problem-solving may decline. Education should encourage asking questions, not just finding answers.
3. **Lack of Human Touch** – Education is more than facts and figures. Encouragement, discipline, and emotional guidance from teachers can never be replaced by machines. Too much reliance on AI may strip learning of this human connection.
4. **Digital Divide** – AI-based learning requires internet, smart phones, and electricity—facilities still unavailable to millions of children in India. Without equal access, a new divide between “AI-rich” and “AI-poor” could emerge.

A Glimpse into the Future: Classrooms of 2035

Experts predict that in the next 10–15 years, education will undergo a complete transformation:

AI Tutors – Every student will have a personal AI assistant to answer queries, assign practice, and monitor progress.

Virtual Reality (VR) Labs – Imagine exploring the solar system from your home or performing chemistry experiments without a physical lab.

End of Language Barriers – Any content will be instantly available in any language, enabling children in villages to study the same material as urban students.

Skill-Based Learning – Beyond academics, AI will also focus on teaching essential life skills such as decision-making, financial literacy, and problem-solving.

Conclusion

Artificial Intelligence is revolutionizing education. It can provide personalized learning, reduce teachers’ workloads, and bring quality education to remote corners of the world.

But it is crucial to remember that education is not just about delivering information—it is about shaping character and building society. This role can only be fulfilled by teachers.

Thus, AI should be embraced as a *supportive tool*, where technology and human values work hand in hand. Striking this balance will make the education of the future both powerful and meaningful.

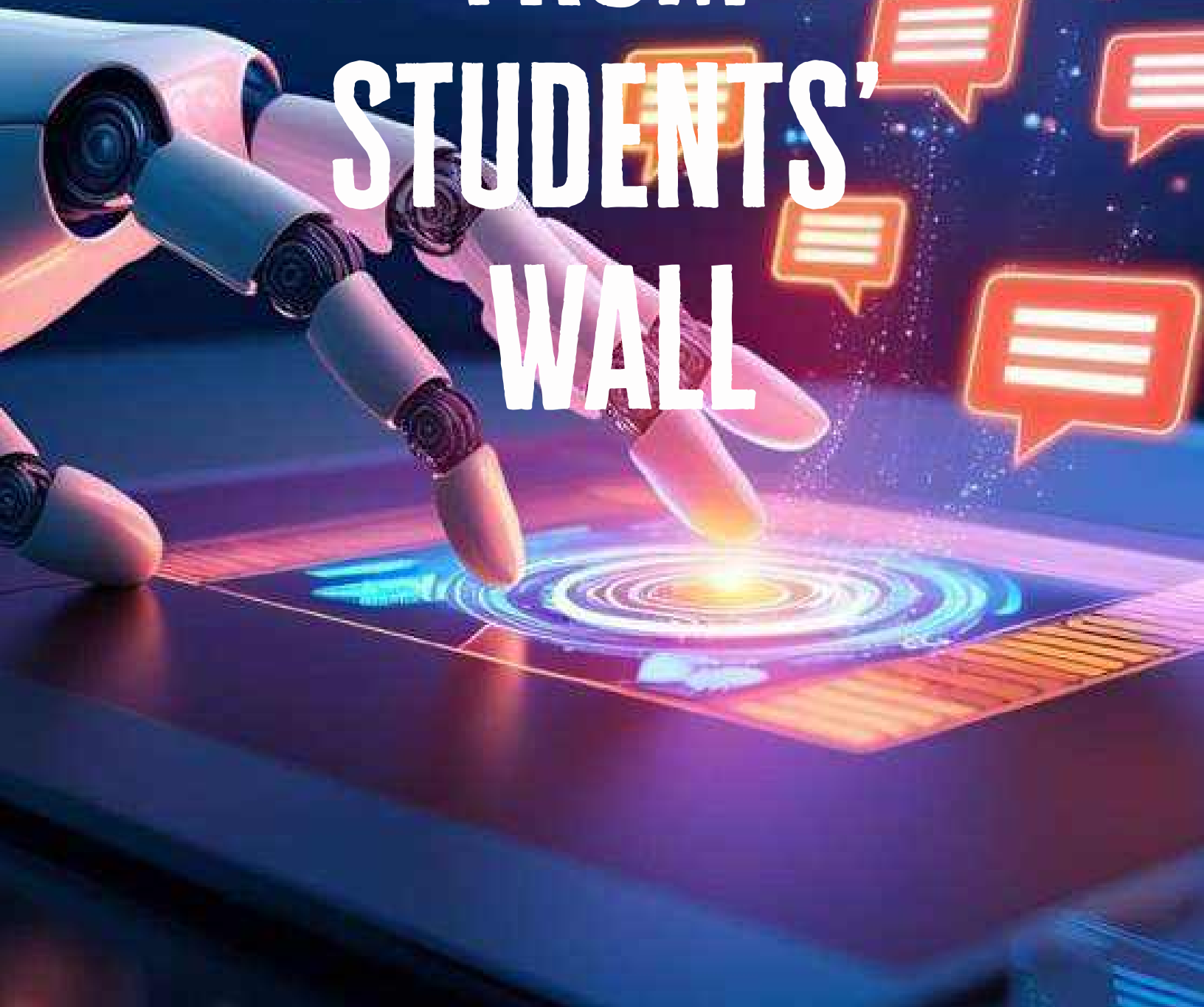
Ms. Monika Malik

Assistant Professor

B.Tech First Year



FROM STUDENTS' WALL



The Pressure to be Perfect: College, Career and Comparison

“Am I doing enough? Or am I already falling behind?” This silent question keeps many Students awake at night. College is called “the golden period of life,” yet behind the smiles. In lecture halls and hostel rooms lies a storm — the storm of expectations, ambitions, and Endless comparisons.

The Silent Race in College

The first semester feels like a fresh canvas — new faces, new dreams. But soon, Excitement turns into a silent race. One friend score higher, another gets into the debate Team, someone else lands an internship. Suddenly, you start doubting yourself: “Am I Doing enough?” Marks stop being just numbers; they become proof of worth. Hobbies Shrink into CV points. Learning shifts from curiosity to survival. I remember sitting in my Hostel room once, staring at my notes and thinking, “I’m studying just to survive, not to Grow.” That’s the reality for many of us.

When Dreams Become Deadlines

By the second year, career pressure starts knocking. Families ask: “Beta, what’s next? MBA? UPSC? A job? A startup?” Friends talk about coding contests, internships, or Foreign universities. Ambition should inspire us, but often dreams turn into deadlines. What Once felt exciting begins to feel like a burden. We forget that careers are marathons, not Sprints. Detours, pauses, even failures are part of the journey — yet society whispers, “Don’t waste time, don’t fall behind.”

The Mirror Called Social Media

As if academics weren’t enough, social media becomes another battlefield. Instagram Stories show friends traveling abroad, LinkedIn is full of placements and achievements. What we don’t see are the failures, rejections, and self-doubts behind those highlights. And so, we compare. We measure our behind-the-scenes with someone else’s highlight reel. No wonder the World Health Organisation reports that 1 in 7 people aged 15–24 Suffers from mental health issues, often linked to academic stress and comparison. The Trap is real — and dangerous.

Breaking the Myth of Perfection

Here’s the truth: perfection is a myth. Life is not a race with one winner. The student who Seems ahead today may struggle tomorrow; the one who feels lost today may shine Tomorrow. Writer Anne Lamott said it best: “Perfection is the voice of the oppressor.” The More we chase it, the more it controls us. What we need isn’t perfection, but balance — a Culture where failure is seen as growth, where students support instead of silently Compete, where it’s okay to say: “I don’t have it all figured out — and that’s fine.”

A Different Kind of Success

Real success isn’t the highest CGPA, the biggest internship, or the most likes online. Real success is being authentic — flawed, growing, persistent. Years later, we won’t remember Grades or résumés. We’ll remember the nights spent laughing with friends, the courage to Try again after failing, and the small victories no one else noticed. Perfection doesn’t define Us. Persistence does. Humanity does. Authenticity does. So maybe the real goal isn’t to be Perfect — but to be real. To embrace our scars, celebrate progress, and remind ourselves And each other: We are enough.

Yash Kumar
B. Tech 1st Year



MIET Meerut: The Ideal Destination for B. Tech Aspirants

Before joining MIET Meerut, I held the common belief that colleges in Meerut lacked quality education. However, my experience at MIET completely transformed this perception. The institution stands out for its Commitment to providing not only academic excellence but also industry readiness. Regular seminars, guest Lectures, and workshops conducted by industry experts ensure that students gain exposure to the professional World from the very beginning of their journey.

What impressed me the most is the dynamic faculty. Many professors are young, energetic, and innovative in Their teaching approach, which makes learning both engaging and impactful. The management, too, effectively integrates technology into the academic environment, creating a modern ecosystem for growth.

Now an autonomous institution, MIET designs its curriculum in alignment with industry demands, ensuring That students acquire relevant skills rather than outdated knowledge.

“Education is not the past we memorize, but the future we prepare for.”

Azhar Arshad

B. Tech 1st Year



Caged By Care

They “care” for me,
That’s why they lock the doors
-for the world outside is too cruel.
They “love” me,
Hence, they clip my wings,
-for flying, they say, might make me fall.
They “protect” me by wrapping the bars in ribbons,
Painting them soft pink,
Telling me it’s a palace,
And asking me to stay inside
-for freedom, they whisper, is too dangerous for me.
How kind.
How noble.
How protective.
So thankfully,
I am safe.
I am untouched.
I am perfect.
This is their love.
And...
I am caged
Caged by care.

Prastuti Mushahary
B. Tech 1st Year

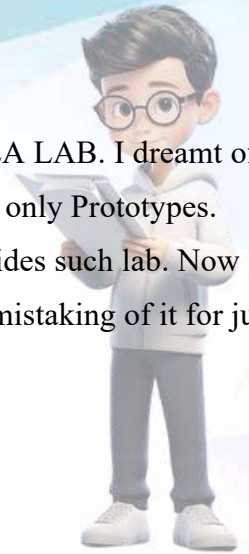


The Thing I Love Most - Idea Lab

As a fresher, everything felt new but one thing that truly stole my Heart was the IDEA LAB. I dreamt of building something unique But I thought that without proper resources I could make only Prototypes. When I discovered that our MIET has an idea lab. I was truly proud that MIET provides such lab. Now my dreams could actually turn into reality. It's like carrying gold in my Pocket and mistaking of it for just ametal. I truly feel grateful MIET PROVIDES SUCH LAB FOR ITS STUDENTS.

By Ansh Agarwal

B. Tech 1st Year



1st Year Journey as Fresher

Being a first year B.Tech student in college has got to be one of the most thrilling yet daunting things I have Seen. After a lot of anticipation and hours of preparation, the new environment with new people, high end Facilities, and unbounded possibilities very literally felt like a dream with the fresh experiences I had after hard Work.

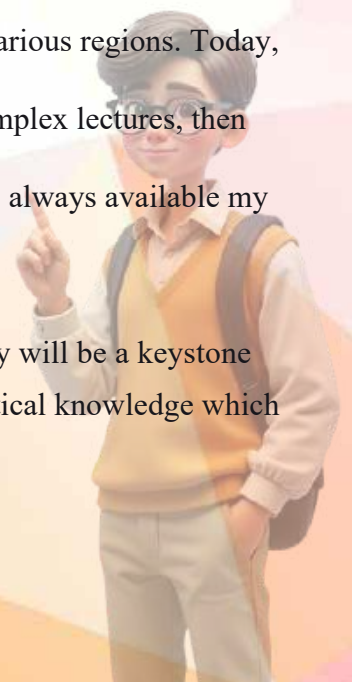
The first week was a mix of lectures, a series of orientations, and a few guided trips around the institution. Each Aspect of the trip was a wonder of its own; the syllabus was mindboggling; the structures and grounds felt Mammoth; the class sizes eclipsed my anticipation. In high school, with its rigid framework, everything was Neatly segmented and managed. Adjusting to my complex college life was not all that pleasant, but once the Turbulence settled, the smooth desire to make the best out of the situation came swiftly and guided me to Pleasure.

As a fresher, the most enjoyable experience has to be the instant friendships across various regions. Today, they have become an integral part of my life. We enjoy studying and going to the complex lectures, then going to a lab together in the evening. The senior students have been also supportive, always available my side When I require motivation, or require clarification.

I do understand that the journey is new and that the subjects may be difficult but they will be a keystone for my Career and my future. The hand on Labs is quite interesting and provide practical knowledge which is Something that I have always wished for.

Harsh

B. Tech 1st Year



Our Imagination, Our Harry Potter World

Imagination is one of the most powerful gifts of the human mind. It Takes us beyond ordinary life and opens door to world that live only in Our mind. Just like J.K. Rowling imagined the world of Harry Potter, our Own imagination can turn simple things into something special. A train Can feel like the Hogwarts Express, and even a small stick can become A wand full of power.

In the wizarding world, even portraits, newspapers, and mirrors have Their own life. In the same way, when we use our imagination, we start to See magic all around us—in small, ordinary things. It gives us the Strength to dream bigger, just like Harry dreamed of a life beyond the Cupboard under the stairs.

Hogwarts shows us how endless imagination can be, amazing places Like Diagon Alley or the Forbidden Forest fill us with wonder and Excitement. We dream of flying high in a Quidditch match, doing magic That makes the air shine and walking through secret passage hidden is the castle walls. These moments remind us how fun and powerful Imagination really is—it gives us a world with no limits.

But imagination is not only for stories. It also inspires real life. Things That once felt like magic—like moving pictures, flying machines, or Talking devices—are now real. Robots that can act like house-elves, Drones that could make Quidditch a real sport in the sky. With 3D Printing, we can build moving staircases, and with holograms, portraits on walls might soon talk to us just like in Hogwarts. Maybe one day, we Will step into a world as magical as Hogwarts itself. Most of all, Harry Potter’s world shows us that imagination gives hope. It Teaches us about love, friendship, and courage—just like Harry, Hermione, and Ron, who always stood together. Even in the darkest Times, like the Battle of Hogwarts, a small spark of hope can light the Way forward. In the end, imagination is the magic we all carry inside us. And when it Joins hands with technology in the guidance of a teacher like Professor Albus Dumbledore, it has the power to turn our wildest dreams into Reality. That is why imagination is not just magic—it is the greatest magic of all.

By Chirag Mishra

B. Tech 1st Year





The First-Year Dilemma

The first year of engineering is where excitement and ambition often collide with confusion. Students step in with big dreams, eager to master coding, excel in core subjects, join clubs, win hackathons, and still have fun. But in trying to do it all, many end up overwhelmed and unsure of what truly matters. In order to try to do everything, they often end up caught in a dilemma and overwhelmed. While some chase only coding, some chase only core subjects, but many get lost between both. Some become tense because of the heavy burden of expectations from their parents and themselves. And on the other side, a few take this year very lightly and often end up losing their precious and valuable time. The real challenge isn't doing everything or what to choose, but how to manage and prioritise wisely.

“Ambition without direction is energy wasted, true success begins with clear priorities.”

The Dilemma Explained

As a first-year student myself, I have realised that the dilemma does not arise because of a lack of ability, but because of too many choices and prior exposure. For most of us, this is the first time we are exposed to coding, engineering subjects, hackathons, ideathons, clubs, societies, events, new competitions, a new environment, and all at once, with endless opportunities waiting. The confusion deepens when advice pours in from seniors, batchmates, friends, and relatives. Some say focus on skills, not core subjects; some say just focus on core subjects for now and do all the things later. In trying to listen to all of them, we forget our main goal. And it becomes impossible for us to decide what truly deserves our focus. All these things often create two extremes. Some students try to do everything at once, wanting to become masters of coding while acing the core subjects and other things too, but end up burning out quickly and also lose motivation. And many of us forget all of these things and take everything very lightly, from attending our classes to studying for our subjects, and often end up regretting the valuable and precious time we lost. But both types of approaches lead to the same outcome: loss of energy, time, and most importantly, missed opportunities. The real dilemma is deeper than we think. It's not about choosing between options but in learning how to balance them, manage academics, manage skills, and manage freedom. This process gives us clarity, builds confidence, and most importantly, keeps us motivated.

“When overwhelmed by choices, wisdom lies in simplifying, focus sharpens the path ahead.”

The Way Forward

This problem will not be solved by eliminating choices. As a first-year student, I have felt the same pressure, but through constant conversations with teachers and mentors, I have realised that the real solution lies not in doing everything, but in managing with clarity and balance. We should understand that not everything must be mastered at once; everything takes time. You have to prioritise one thing, not all. We need to build a strong foundation in core subjects, which will be beneficial for us in the long term, combined with the learning of coding skills and communication skills. This will boost our confidence and balance our academics. Here are a few points that will surely help you in this dilemma:

- **Time Management:** Make a weekly schedule of topics and include everything like using your smartphone, games, study, etc.
- **Tips and Tricks:** Use study and productivity methods like the Pomodor technique, Flowtime technique, Kanban Method, GTD method, etc.
- **Priority:** Prioritise only one thing at a time and work steadily with other things.
- **Guidance:** One of the most important points, always seek guidance from teachers, mentors, and from whoever makes a difference.
- **Trust the Process:** Growth takes time. Maybe we don't see results in ten days, not even in twenty days, but in a while, we will surely see the difference.
- **Balanced Growth:** The first year is not a race, but a foundation to build your discipline, curiosity, learn new things, basics, etc.

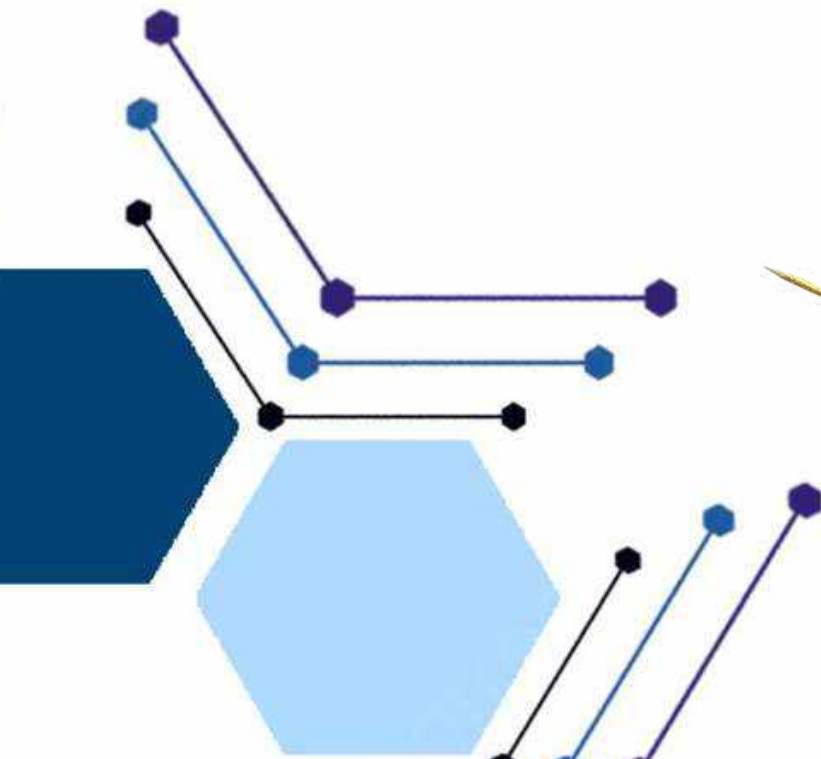
The Road Ahead

The first year of engineering is not just about attending classes, attendance, pressure, and stress. It's all about learning new things, building our curiosity, becoming more productive, and becoming more ambitious. In this year, we will learn to manage our time wisely, make new friends, meet new people, and meet new faculties. The first year will be the foundation of discipline, confidence, and the skills that define true engineering.

“The foundation of every great engineer is built not just on knowledge, but on self-discipline and purpose.”

Aishwarya Gupta

B. Tech 1st Year



The Forgotten Art of Handwriting

“When was the last time your pen spoke Louder than your keyboard?”

In a world buzzing with notifications and Fast-typed messages, handwriting feels Almost antique. Yet, this fading practice is More than just an old habit—it’s a window into our personality, creativity, and emotions. Every handwritten word tells a story beyond Its meaning. The messy scrawl of a rushed Note, the elegant loops of cursive, the bold Strokes of confidence- handwriting is a Silent reflection of who we are. Unlike digital Fonts, which look the same for everyone, Handwriting is personal and unrepeatabe, Much like a fingerprint.

Science too lends handwriting its Importance. Studies reveal that writing by Hand strengthens memory, improves focus, and activates parts of the brain linked with creativity. That’s why many students Prefer scribbling notes over simply clicking ‘copy-paste.’ Writing makes us think deeper, remember longer, and connect stronger.

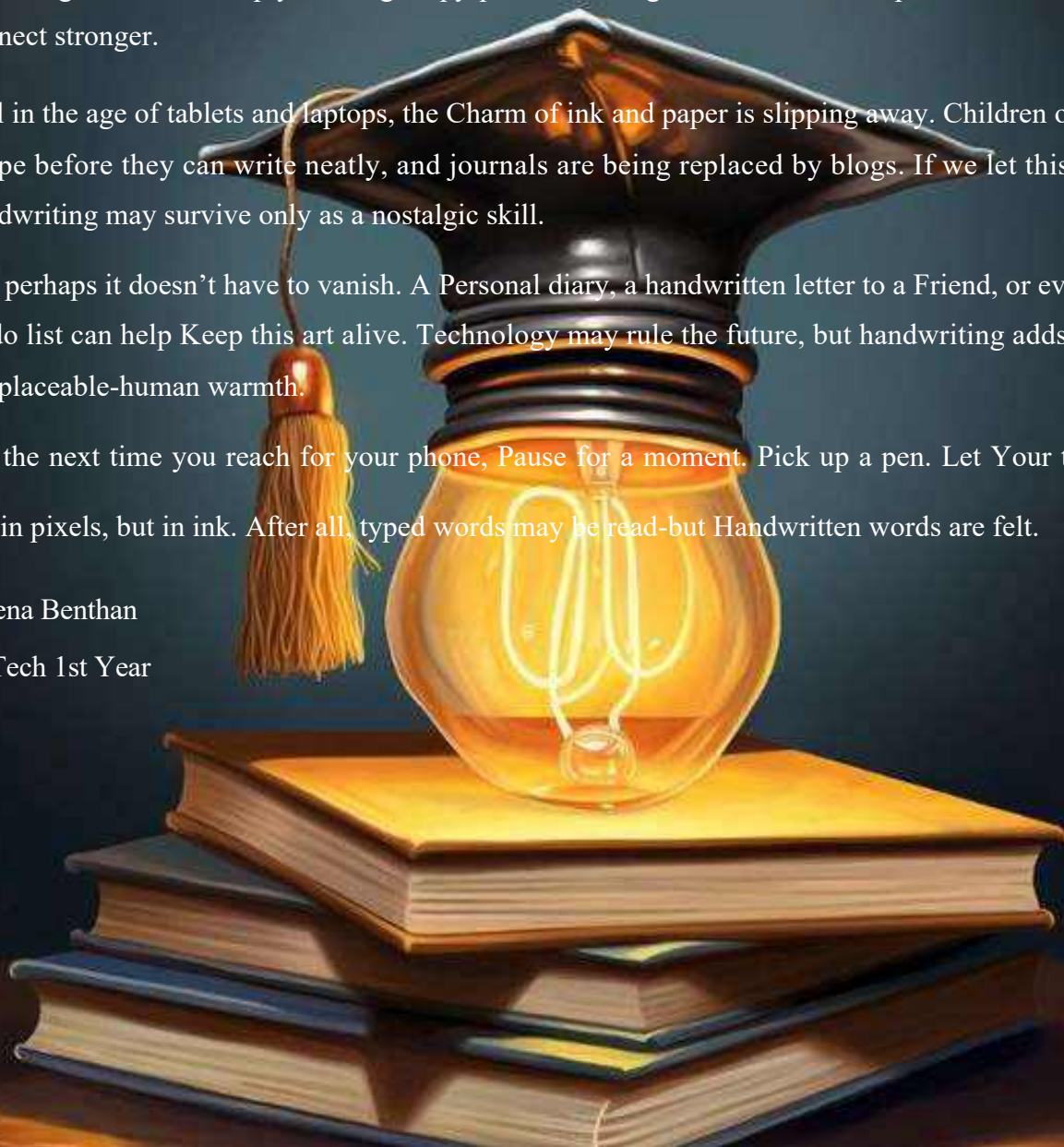
Still in the age of tablets and laptops, the Charm of ink and paper is slipping away. Children often learn to swipe before they can write neatly, and journals are being replaced by blogs. If we let this continue, handwriting may survive only as a nostalgic skill.

But perhaps it doesn’t have to vanish. A Personal diary, a handwritten letter to a Friend, or even a simple to-do list can help Keep this art alive. Technology may rule the future, but handwriting adds something Irreplaceable-human warmth.

So, the next time you reach for your phone, Pause for a moment. Pick up a pen. Let Your thoughts flow not in pixels, but in ink. After all, typed words may be read-but Handwritten words are felt.

Serena Benthon

B. Tech 1st Year



Artwork by Students



Avishaa Gupta
B. Tech 1st Year



Avishaa Gupta
B. Tech 1st Year



Ira Chauhan
B. Tech 1st Year



Avishaa Gupta
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Vidhina Aggarwal
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