# 2025-2026
# GENERAL INFORMATION BROCHURE

# Guru Tegh Bahadur
# 4th Centenary Engineering College

*"Fostering Dreams, Forging Futures"*

**Grade 'A' College**

**An ISO 9001:2015 & ISO 14001:2015 certified college**

GTB4CEC

@gtb4cec_official

GTB4CEC

www.gtb4cec.org

# GTB4CEC

Guru Tegh Bahadur 4th Centenary Engineering College, originally established as Guru Tegh Bahadur Polytechnic Institute in 1994, is a distinguished institution managed by the Delhi Sikh Gurdwara Management Committee. Renowned for imparting education in engineering and technology for three decades, the college was honored with "The Golden Peacock National Award" for academic excellence in 2004-2005. In 2018, we relocated to Rajouri Garden, and in 2022, we upgraded to a degree-level institution offering **AICTE-approved B.Tech programs affiliated with Guru Gobind Singh Indraprastha University**. The institute was renamed as Guru Tegh Bahadur 4$^{th}$ Centenary engineering College (**GTB4CEC**) in commemoration of Guru Tegh Bahadur Sahib Ji's 400th birth anniversary. The GTB4CEC continues the legacy of academic excellence.

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

GTB4CEC

## VISION

To stimulate the mind and souls of individual students to help them sharpen their skills and inculcate moral values, to empower them through education and innovation.

## MISSION

- To create a Centre for Excellence in emerging fields of Science, Engineering, and Technology.
- To evolve the human potential with cognitive abilities, principles and integrity.
- To reform an individual soul for a better society based on divine freedom and peace.
- To provide an interactive learning environment to the students.
- To provide committed and veteran faculty assuring students to accomplish their dreams.
- To provide competence to new spheres of knowledge beyond the classroom.

## QUALITY POLICY : “Embodiment of sublime precision and pioneering excellence”

The College is committed to achieving supremacy in the field of Science & Technology by disseminating knowledge through education, research, and innovation.

**Quality Objectives**

- To create highly skilled, analytic, and dexterous masterminds.
- To develop an environment for research and innovation.
- To develop academic-industry alliances to meet the technological needs of society.
- To articulate the human core values of ethics and integrity in an individual along with analytic ability

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# President
# Delhi Sikh Gurudwara Management Committe

In today's information age, discerning guidance is crucial for young minds. I commend Guru Tegh Bahadur 4th Centenary Engineering College for its commitment to quality education and innovative learning. Under the leadership of Chairman S. Harjeet Singh Pappa, Manager S. Bhupinder Singh Ginny, and Director S. Gurmeet Singh Bali, the Institute has made remarkable progress. I applaud the faculty, staff, and students for their dedication to excellence. GTB4CEC is shaping responsible citizens and fostering holistic growth, and **I wish you all continued success in your future endeavours.**

PRESIDENT , DSGMC

**S. Harmeet Singh Kalka**

# General Secretary
# Delhi Sikh Gurudwara Management Committe

GEN. SECRETARY, DSGMC

GTB4CEC is a shining example of academic excellence rooted in strong human values, shaping the future of our nation. By fostering holistic development and providing opportunities for growth, the Institute empowers students to succeed in an increasingly competitive world. I commend Chairman S. Harjeet Singh Pappa and Manager S. Bhupinder Singh Ginny for their visionary leadership and congratulate Director S. Gurmeet Singh Bali, faculty, and students on their collective efforts towards achieving excellence in education and character development. **May the Institute continue to thrive and produce responsible citizens who make a positive impact on society.**

**S. Jagdip Singh Kahlon**

# Chairman
# Guru Tegh Bahadur 4th Centenary Engineering College

Our upgrade to a degree-level institution marks a significant milestone. With a proven track record, we continue to provide opportunities for students to excel. As Chairman, I am proud to be associated with this institution, which has a proven track record of nurturing potential, providing opportunities, and encouraging students to excel. **I am confident that the Institute will continue to excel and solidify its position as one of the best in the NCT Delhi.**

CHAIRMAN, GTB4CEC

**S. Harjeet Singh Pappa**

# Manager
# Guru Tegh Bahadur 4th Centenary Engineering College

MANAGER, GTB4CEC

I am confident that we will excel in this new era of growth and development. With our dedicated faculty, talented students, and state-of-the-art infrastructure, I am confident that we will make a significant impact in the field of engineering and technology. I am excited to see our students thrive and succeed in their chosen paths, and **I am committed to provide them with the best possible resources and support to achieve their goals.**

**S. Bhupinder Singh Ginny**

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# From Director's Desk

## Guru Tegh Bahadur 4th Centenary Engineering College

The Initiative taken by the Delhi Sikh Gurdwara Management Committee to upgrade the GTBPI to a degree-level Institute approved by AICTE and affiliated to Guru Gobind Singh Indraprastha University for conducting B. Tech (CSE, CSE-DS, CSE-AIML, IT, ECE) is worth applauding. The Institute has been renamed Guru Tegh Bahadur 4th Centenary Engineering College.

During the **31-year-long journey** that started in 1994 from Guru Tegh Bahadur Polytechnic to Guru Tegh Bahadur 4th Centenary Engineering College, we feel pride in the long tradition of imparting technical education to the blooming minds. Excellence, integrity, and vigour remain the core values of our institution, we carry forward this legacy from a Diploma college to an Engineering college.

The faculty and the students of Guru Tegh Bahadur 4th Centenary Engineering College strive to give their best in curricular and extracurricular activities. Herein, the emphasis is on the journey of individual students and sharpening and celebrating their strength, and accomplishments and shaping them into a soul having core values that help build a better society and stronger nation.

**I am sure that the dedication and commendable hard work of the staff will continue as earlier and Guru Tegh Bahadur 4th Centenary Engineering College will be ranked among the top Engineering Colleges in Delhi, NCR.**

**The Institute already has a dedicated Training & Placement Cell, which will not leave any stone unturned for placing the students in reputed organizations once they graduate.**

**S. Gurmeet Singh Bali**

# COURSES OFFERED

**GTB4CEC offers the following B.Tech (4-year) degree programmes.**

| | |
|---|---|
| **Computer Science and Engineering (CSE)** | **(120 Seats)** |
| **Computer Science & Engineering -Data Science (CSE -DS)** | **(60 Seats)** |
| **Computer Science and Engineering - Artificial Intelligence & Machine Learning (CSE-AIML)** | **(60 Seats)** |
| **Information Technology (IT)** | **(60 Seats)** |
| **Electronics & Communication Engineering (ECE)** | **(60 Seats)** |

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

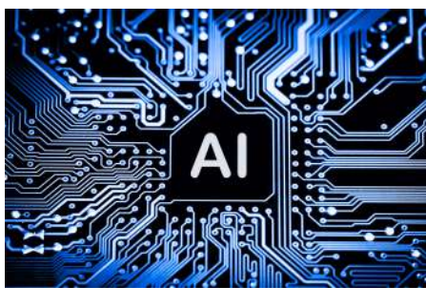
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CSE)

Our CSE department, equipped with over 150 computers, offers a comprehensive curriculum covering basic sciences and advanced computer engineering course, preparing students for careers in technology and innovation.

## COMPUTER SCIENCE & ENGINEERING -DATA SCIENCE (CSE -DS)

The CSE-DS department integrates theoretical foundations with practical expertise in data analysis, machine learning, and visualization, preparing students for successful careers in data science and AI.

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING - ARTIFICIAL INTELLIGENCE & MACHINE LEARNING (CSE- AIML)




Our AIML department offers cutting-edge education in AI and ML, emphasizing hands-on learning and industry collaboration to equip students with the skills needed to lead advancements in AI.

## DEPARTMENT OF INFORMATION & TECHNOLOGY (IT)

Our IT program provides a strong foundation in IT fundamentals, advanced technical skills, and industry trends. With experienced faculty, state-of-the-art infrastructure, and a dedicated placement cell, we prepare students for dynamic careers in technology.

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING (ECE)

Our ECE department features state-of-the-art laboratories and offers comprehensive education in electronics and communication engineering, preparing students for successful careers in industry, research, and academia.

# ACADEMIC EXCELLENCE

We foster a culture of excellence in engineering education , continually improving our academic and administrative operations to ensure holistic development for all stakeholders.

***Academic Achievers:***

2022 - 2023 (Batch-2026)

- Krisha Gupta
- Riddhi Shandilya
- Saumya Tiwari
- Anshita

2023 - 2024 (Batch-2027)

- Sonal Gandhi
- Nilakshi Garg
- Himanshi
- Ishika Goyal

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# DEPARTMENT OF TRAINING & PLACEMENT

Our dedicated Training & Placement Cell works closely with leading companies to facilitate campus placements and provide corporate training, ensuring our students are well-prepared for the job market.

It plays a pivotal role in bridging the gap between academia and industry. Our mission is to empower students with the skills, knowledge and attitude required to excel. The Training & Placement Cell is dedicated to providing a platform for students to interact with industry leaders, gain practical experience and secure job opportunities through industry oriented training programs, internship opportunities and career guidance.

The Training & Placement Cell at GTB4CEC is committed to empowering our students to achieve their career goals. We strive to create a platform that fosters growth, innovation and excellence, enabling our students to become industry leaders. With our dedicated approach and industry partnerships, we are confident that our students will excel in their chosen careers.

## VISION

To assist all students at GTB4CEC in fulfilling their dreams and provide them ample opportunities to apply to their dream profiles and companies. Along with this we aim to focus on counselling our students and equip them with proper exposure of public speaking skills and conduct workshops in various domains.

## INTERNSHIPS / TRAINING PROGRAMS

GTB4CEC

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# INTERNSHIP MILESTONES

## INDIAN AVIATION ACADEMY

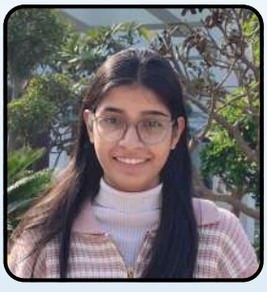
### Year: 2024

Yana Gujral
Batch: 2022-2026

Krisha Gupta
Batch: 2022-2026

Kaavini Khanna
Batch: 2022-2026

### Year: 2025



Anshita
Batch: 2022-2026

Arpita Mohanty
Batch: 2022-2026

Riddhi Shandilya
Batch: 2022-2026

## Centre for Development of Telematics (C-DoT)

### Year: 2024

Adarsh Pandey
Batch: 2022-2026

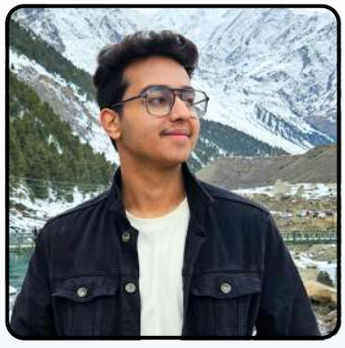
Vidhi Chauhan
Batch: 2022-2026

Aayush Mehta
Batch: 2022-2026

# INTERNSHIP MILESTONES

## FEMACARE

**Year: 2024**



Bhavya Sharma
Batch: 2022-2026

Kapish Bhati
Batch: 2022-2026

Ayush Behera
Batch: 2022-2026

## AIRPORT AUTHORITY OF INDIA

**Year: 2025**

Aayush Mehta
Batch: 2022-2026

Navneet Singh
Batch: 2022-2026

## Infosys Springboard

**Year: 2024**

Atharv Tripathi
Batch: 2022-2026

## Defence Research and Development Organisation (DRDO)

**Year: 2024**

Lipika Sharma
Batch: 2022-2026

Vansh Kalra
Batch: 2022-2026

## Indian Renewable Energy Development Agency Limited (IREDA)

**Year: 2024**

Samyak Kumar Bhardwaj
Batch: 2022-2026

# IEEE STUDENT BRANCH GTB4CEC LEADS INNOVATION

## EXPLORING INNOVATION: AN INTRODUCTION TO IEEE

The IEEE Student Branch at GTB4CEC empowers aspiring engineers through innovation, collaboration, and technical excellence. It hosts workshops, seminars, and competitions to bridge theory with real-world application. By fostering leadership, research, and industry exposure, the branch cultivates a vibrant community dedicated to advancing technology for the benefit of humanity.

**IEEE Computer Society:**
IEEE Computer Society GTB4CEC promotes computing excellence by hosting coding events, tech talks, and hands-on sessions, bridging academic knowledge with practical skills in software and hardware domains.

**IEEE Women in Engineering (WIE):**
IEEE WIE at GTB4CEC empowers women in STEM through mentorship, workshops, and leadership opportunities, fostering equality, confidence, and innovation in the technical landscape.

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# GTBREC - Guru Tegh Bahadur Research and Entrepreneurship Cell

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

## Institution Innovation Council (IIC)

The Institution's Innovation Council (IIC), an initiative of the Ministry of Education's Innovation Cell, fosters a culture of innovation and entrepreneurship in higher education. By integrating innovation into academics, it empowers students and faculty to turn ideas into real-world solutions. Through structured programs, mentorship, funding, and collaborations, IIC nurtures future-ready innovators and entrepreneurs dedicated to societal progress and national development.

## VISION

1. Foster a culture of innovation and creativity by integrating entrepreneurial thinking and problem-solving into the core framework of higher education and everyday academic practices.
2. Empower students and faculty to transform original ideas into real-world solutions through structured programs, hands-on support, and access to prototyping and mentoring resources.
3. Inspire and nurture future leaders in innovation, research, and entrepreneurship by cultivating a dynamic ecosystem that values curiosity, critical thinking, and impactful change-making.

## MISSION

1. Nurture a vibrant research ecosystem, encouraging interdisciplinary collaboration and knowledge sharing.
2. Support the development of innovative solutions and startups, bridging the gap between academia and industry.
3. Foster a culture of entrepreneurship, innovation, and creativity, inspiring students and faculty to become change-makers and leaders.
4. Address societal challenges and contribute to the nation's growth and development through innovative research and development.

## PROGRAMS & INITIATIVES

1. **Research Grants:** Funding opportunities for faculty and students.
2. **Startup Funding:** Seed funding and investment opportunities for incubated startups.
3. **Mentorship Programs:** Industry expert mentorship for researchers and entrepreneurs.
4. **Workshops and Conferences:** Regular events for knowledge sharing and networking.

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# 36 HOUR+ HACKATHON

# CODEZEN

**CODEZEN 2025: PLAY. CODE. CONQUER.**
**CODEZEN 2025, a 36-hour hackathon, brought together innovation and adrenaline, with 30+ teams competing for the top spot. With over 3,000 registrations, it became one of the most anticipated coding events of the year.**

**Participants tackled diverse challenges, demonstrating creativity and problem-solving skills, while expert judges evaluated their projects to recognize the most outstanding solutions. The event featured a ₹3 Lakh cash prize pool, rewarding top performers. Industry mentors provided valuable guidance, refining ideas and enhancing technical expertise.**

**A pre-hackathon meetup at Microsoft Gurgaon allowed participants to engage with industry leaders. Additionally, online technical sessions on Blockchain, Cybersecurity, AI/ML, and more equipped participants with essential skills before the competition.**

**The immersive CodeZen-themed decor set the stage for an electrifying atmosphere. Powered by tech leaders like Microsoft Azure, Reskill, GitHub, Devfolio, and VGMF, the event offered an unparalleled experience. Fun breaks featuring Dakji, Spin the Wheel, and Jenga, along with late-night dance and jamming sessions, added excitement to the coding marathon.**

**CODEZEN 2025 was a perfect blend of technology, teamwork, and competition, leaving participants with an unforgettable experience.**

Team Deadpool – 1st position

Team Invictus – 1st runner up

Phoenix Arcana–2nd runner up

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# GTB4CEC

Flamingo
THE CULTURAL SOCIETY

# STARS OF ANUGOONJ

## "ANUGOONJ" is the Annual Cultural Fest of GGSIPU. 4th centenarians showed an active participation in the ANUGOONJ 2025

**SPECIAL MENTION: Kavya Bisht** secured a consolation prize in the finals of the Anugoonj prelims, marking a notable achievement for our college.

In the semi-finals, **Vanshika Gulati** and **Kavya Bisht** both excelled, securing the second position in Debate (English). **Komal Joshi** bagged the second position in Cartooning. **Bhumika Joshi** too made the college proud by bagging second place in the English JAM (Just a Minute) event. A spirited college team represented us in various cultural events including folk dance, street play, solo singing, and group dance. Our teams delivered commendable performances and gave tough competition throughout the fest.

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# "AVINYA"

Organized by the Empirical Society, AVINYA is GTB4CEC's flagship tech fest- a hub of innovation and intellect. Now in its second edition, AVINYA featured exciting events like Battle of Minds, InnoVision, Komic Sense, Explicon, and The Bug Hunt. Designed for problem-solvers, tech geeks, and creative thinkers, the fest brought out the best of technical prowess and imagination. AVINYA isn't just about competitions- it's a celebration of future-ready skills, collaboration, and the tech-driven spirit of the campus.

# RUBARU

GTB4CEC's cultural fest RUBARU returned in its vibrant second edition, celebrating the dynamic spirit of Punjabi culture. The campus came alive with colorful performances, lively music, and thrilling competitions, from solo acts to group dances. The show-stealer, Mr. and Ms. Rubaru, showcased talent, grace, and confidence. More than just entertainment, RUBARU united students through tradition, creativity, and celebration, making it a truly unforgettable experience of campus culture and community spirit.

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# GTB4CEC

FIERCE FALCONS
THE SPORTS SOCIETY OF GTB4CEC

## GGSIPU ANNUAL SPORTS MEET

At the Main Campus Tournament, the **Girls' Team** secured the **first place** and the **Boys' Team** secured **third place** in kho-kho. These achievements reflect the teams' dedication, discipline, and strong performance, bringing pride to the institution.

## COLLEGE SPORTS WEEK 2025

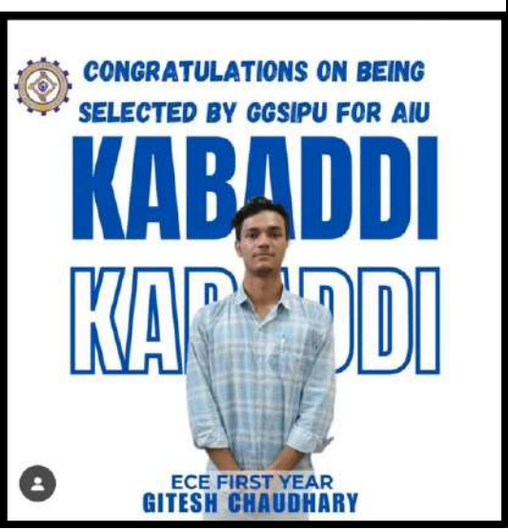
Rise. Run. Conquer! With strength, speed and spirit, GTB4CEC students showcased incredible determination at the College Sports Week, excelling in events like tug of war, cricket, kho kho, badminton, and more. Their outstanding performances reflected true teamwork and made the event a memorable celebration of passion and perseverance.

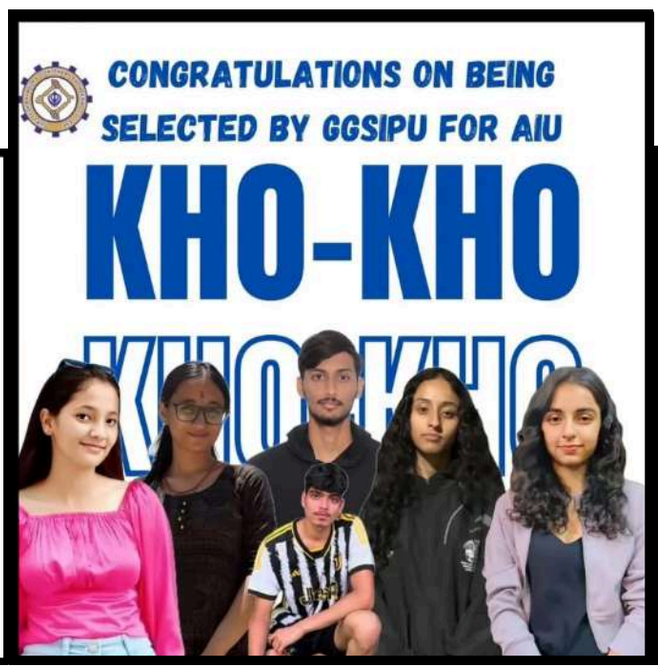
gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

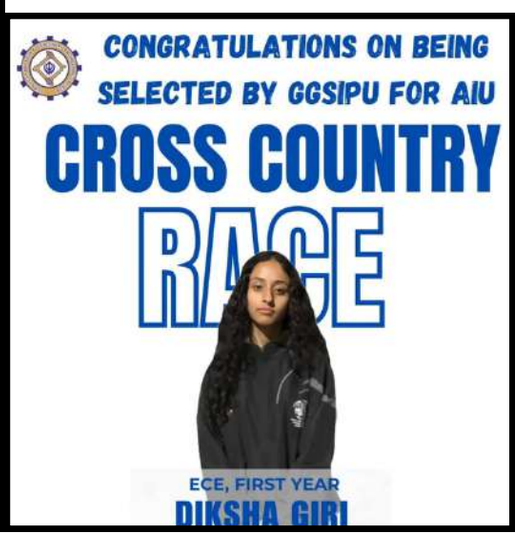
FIERCE FALCONS
THE SPORTS SOCIETY OF GTB4CEC

# From GTB4CEC To AIU

A JOURNEY OF EXCELLENCE!!




**Heartiest congratulations to our brilliant players for being chosen to represent Guru Tegh Bahadur 4th Centenary Engineering College (GTB4CEC) and GGSIPU in the Association of Indian Universities (AIU) championships!**

**Your hard work, determination, and sportsmanship have earned the college a huge sense of pride. From the quick-paced Kho-Kho, the stamina-testing Cross Country Race, to the strength-filled Kabaddi, every one of you has demonstrated your brilliance on the field.**

**A special mention to Aseen Pandey, who has also been selected for Lawn Tennis - your sharp reflexes and hard work have earned you this well-deserved spot.**

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# NCC - Salute to Service

**The NCC Unit 2DBN under Group B at GTB4CEC College instills discipline, leadership, and patriotism in cadets. Through drills, training camps, and social service, it shapes responsible citizens and fosters a strong sense of national pride and unity.**

# NSS - NOT ME BUT YOU

**We actively engage in social activities, such as Fit India Drive and cleanliness drives, to promote environmental sustainability and community service- all for a better tomorrow.**

**Being a NSS member the student volunteer will have exposure & experience to be the following:**

- **An accomplished social leader**
- **An efficient administrator**
- **A person who understand human nature**

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# SOCIETIES AT A GLANCE

## CODE GEEKS SOCIETY

CodeGeeks, the coding society of GTB4CEC, is a hub of innovation, teamwork, and real-world learning. Built on a dynamic team structure, it nurtures future leaders in tech through collaboration and creativity.

@CODEGEEKS_GTB4CEC

**Clubs under CodeGeeks:**

- **Web Wizards** – Real-world web dev
- **Algo Ninjas** – DSA and problem-solvin
- **Byte Defenders** – Cybersecurity explorers
- **Neural Nexus** – AI & machine learning

**Key Events:**

- **CodeZen Hackathon 2025** – Flagship tech showdown
- **CodeCanvas** – UI/UX design sprint
- **Waves x Netflix** – Trailer + tech challenge
- **Portfolio Webinars** – Skill-to-profile transformation

## Flamingo Society

FLAMINGO_GTB4CEC

Flamingo, the cultural society of GTB4CEC, is a hub for artistic expression and cultural dynamism. It celebrates diversity through events, performances, and festivals, providing a platform for students to showcase their talent and culture, fostering a sense of unity and inclusivity.

**Clubs under Flamingo:**

- **Malang** – Theatre Club
- **Groovex** – Dance Club
- **Symphony** – Music Club

**Key Events:**

- **Rubaru** – Annual cultural fest
- **Blaze** – Diwali celebration
- **Dance & Music Workshops** – Skill-based sessions

## Shutter Fly Community

SHUTTER.FLY._

Shutter Fly is GTB4CEC's hub for photography, editing, and storytelling. From event coverage to theme shoots and collaborations, it offers hands-on media experience.

The Student Culture Team documents campus life, while the Beyond Classroom podcast shares inspiring stories. Through workshops and creative tasks, Shutter Fly builds skills and defines the college's visual identity.

## THE SPORTS SOCIETY

FIERCE_FALCONS

Fierce Falcons, the Sports Society of GTB4CEC, provides a platform for students to showcase their talents in cricket, badminton, football, table tennis, tug of war, kho-kho, athletics, and weightlifting and many more . We focus on teamwork, discipline, and sportsmanship, fostering personal and athletic growth.

**Clubs under Fierce Falcons:**

- **Midknite – Esports Club**

**Key Events –** Annual Sports Meet

## The Empirical Society

THE_EMPIRICAL_SOCIETY

The Empirical Society, GTB4CEC's technical society, fosters innovation, leadership, and hands-on learning. It empowers students to grow through creativity, collaboration, and continuous upskilling.

**Clubs under Empirical:**

- **Musetopia** – Creative Club
- **Wordsmith** – Literary Club

**Key Events:**

- **Avinya** – Annual technical fest
- **Tinker Digest** – Weekly based feed
- **Seminars & Workshops** – Skill based sessions

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# THE GTB4CEC TIMES
## OUR MONTHLY NEWSLETTER

At our college, we celebrate creativity, talent, and the voices of our students. This newsletter is proudly brought to you by the Wordsmith Club, where passion for expression meets the power of the written word. Here's what you can expect in our monthly newsletter:

### Student Articles📚
- Thought-provoking articles on monthly themes, written by our talented students.
- Topics range from insightful research to captivating personal narratives.

### Creative Contributions✍️
- Original poems, short stories, and creative writings that reflect our literary spirit.

### Event Highlights🎉
- A look back at major events and milestones that happened at the college during the month.

### Admiration Page🌟
- A special section to spotlight students who contribute content each month, celebrating their creativity and dedication.

### Artistic Touch🎨
- Posters, drawings, and other creative visual pieces to enhance the newsletter's aesthetic.

Each issue brings our community closer, celebrating creativity, student engagement, and the vibrant spirit of GTB4CEC. Join us in reading, contributing, and enjoying the stories that make our college unique!

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# BEYOND CLASSROOM: THE PODCAST

**Beyond the Classroom is the official podcast of GTB4CEC, offering engaging conversations that explore student life, innovation, and personal growth beyond academics. Hosted by passionate voices from our college, it highlights inspiring journeys, expert insights, and creative ideas—connecting listeners to the vibrant spirit and diverse talents of the GTB4CEC community.**

# Recreational Activities

**From adventurous ziplines and splashing swims to rustic games and shared laughter, every moment at Vishalgarh Farms was a perfect blend of thrill and togetherness. More than just a picnic — it was a refreshing escape into nature, filled with bonding and memories that'll stick around longer than the tan lines!**

gtb4cec@gmail.com www.gtb4cec.org 9911000782 , 9911000783

# GTB4CEC

GTB4CEC

@gtb4cec_official

GTB4CEC

www.gtb4cec.org

For Admission & Queries Contact -
GTB4CEC Administrative Office
Ph: 9911000782 , 9911000783

**Guru Tegh Bahadur 4th Centenary Engineering College**

(Under the aegis of D.S.G.M.C)
(Affiliated to GGSIPU & Approved by AICTE)
G-8 Area, Rajouri Garden, Opp. Swarg Ashram, New Delhi-110064
www.gtb4cec.org
Email:gtb4cec@gmail.com