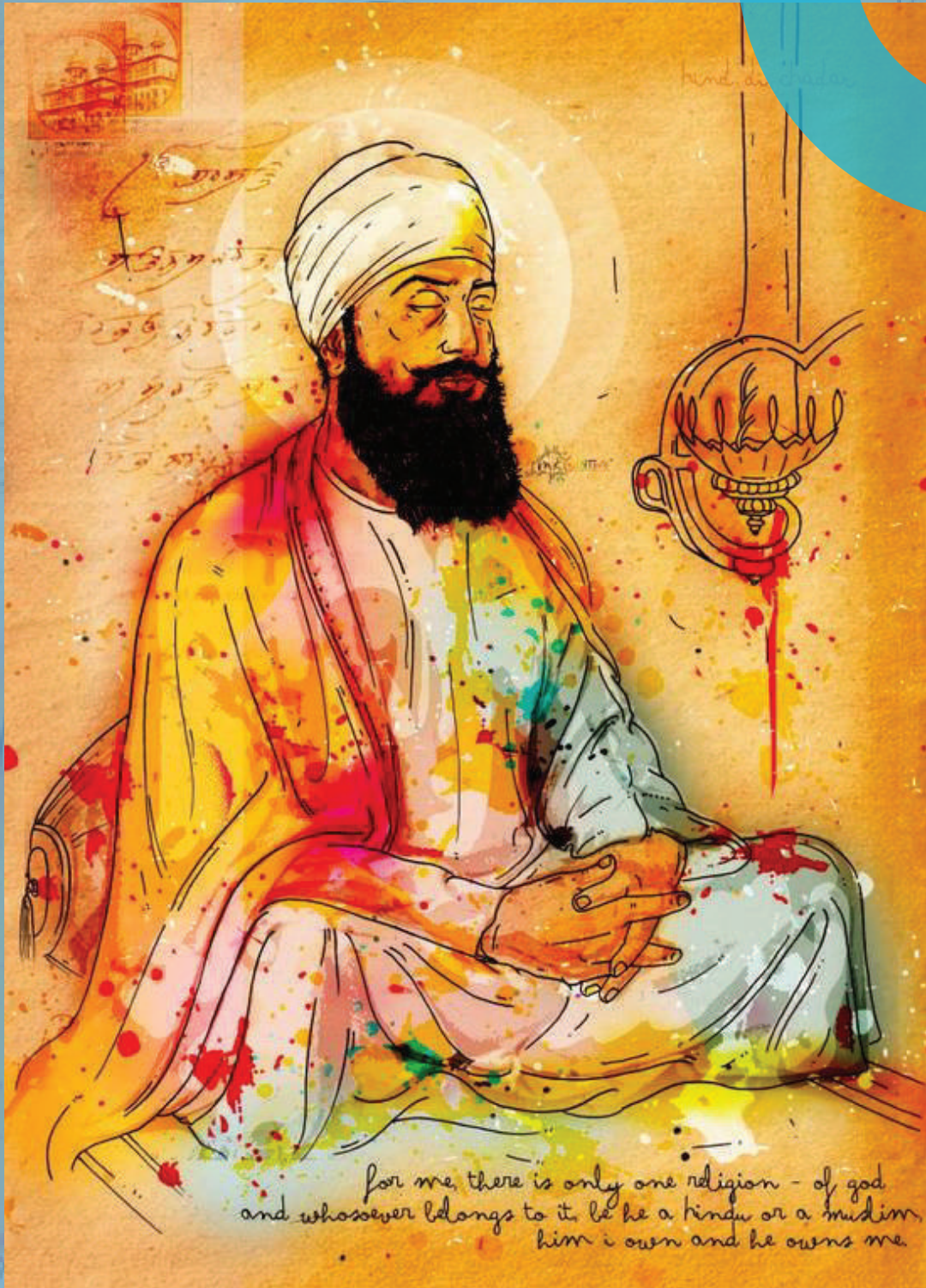# INFORMATION BROCHURE

Guru Tegh Bahadur
Institute of Technology

(under the aegis of Delhi Sikh Gurudwara Managment Committee)

Affilated to Guru Gobind Singh Indraprastha University,
Approved by A.I.C.T.E

for me there is only one religion - of god
and whosoever belongs to it be he a hindu or a muslim,
him i own and he owns me.

SHRI GURU TEGH BAHADUR SAHIB JI

GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY
EXCEPTIONAL ENGINEERING, EXCEEDING EXPECTATIONS

Guru Tegh Bahadur Institute of Technology (GTBIT) was established in 1999 by the Delhi Sikh Gurdwara Management Committee (DSGMC), which is running a large number of educational institutes besides undertaking many religious and social activities, keeping in view the rapid technological growth & changes taking place in the society. It is a degree-level technical institute, approved by AICTE and affiliated to GGSIP University, Delhi. It is an ISO 9001:2008 certified institute and has been graded 'A' by Delhi Government.
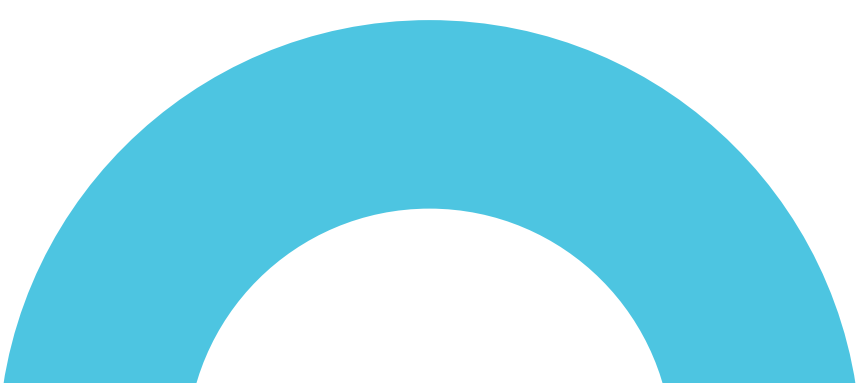
VISION STATEMENT

Leadership in Holistic Education for Growth and Prosperity.

MISSION STATEMENT

M1. Imparting research-centric education in Engineering/Technology.

M2. Promoting robust industry-academia connect with life-long learning.

M3. Creating a workforce that is "Professional and Ethical".

M4. Developing full human potential sensitive towards society and nature.

QUALITY POLICY: INGENUITY FOR LIFE, WHERE TECHNOLOGY IS PAIRED WITH A PURPOSE

GTBIT is committed to striving continuously to be a premier institute, recognized as a center of excellence in technical education, research, consultancy and human resource development by following the Quality Policy via:

▪ Establishing and pursuing global and industry standards of excellence in all its endeavours , namely: teaching, learning, research and consultancy.

▪ Developing and encouraging budding engineers for continuous improvement and enhancement of knowledge so as to be true professionals and leaders.

▪ Providing opportunities and facilities to develop the faculty and staff for their continuous upgradation.

▪ Encouraging innovative and creative thinking through hands-on practice and technology tools.

▪ Developing, monitoring and maintaining realistic and measurable quality objectives to ensure overall improvement on an ongoing basis.

▪ Imbibing the spirit of social welfare and believing in the philosophy of "Sarbat Da Bhala" ("Well-being of All")

COURSES OFFERED: GTBIT offers the following B.Tech. (4-year) degree programmes.

FIRST SHIFT

Electronics & Communication Engg.	(120 Seats)
Computer Science & Engineering	(120 Seats)
Information Technology	(120 Seats)
Electrical & Electronics Engg.	(60 Seats)
Artificial Intelligence & Data Science	(60 Seats)
Artificial Intelligence & Machine Learning	(60 Seats)

SECOND SHIFT

Computer Science & Engineering	(60 Seats)
Information Technology	(60 Seats)

INDEED WE ARE MADE FOR ENGINEERING WITH A FOCUS ON APPLIED INTELLIGENCE

PRESIDENT, DSGMC

President, Delhi Sikh Gurdwara Management Committee
BUILDING THE FUTURE ON THE FOUNDATION OF EXCELLENCE

The globalization of education has led to a plethora of information and knowledge. The Internet today is a platform where a deluge of information can be witnessed. In such a scenario, discretion guided by a vision is essential. New vistas of futuristic and innovative learning must be explored for the enrichment and holistic growth of a new generation of young budding engineers. I am glad to surmise that Guru Tegh Bahadur Institute of Technology has aimed at quality education right from its inception. I sincerely appreciate the able leadership of the Chairman, S. Amarjeet Singh and the Manager, S. Harjeet Singh, of the institute. The untiring efforts of the institute's Director, Dr. Rominder Kaur Randhawa, to take this institute to new heights is highly commendable. The dedication of the Placement and Training Department, which resulted in splendid placements this year, is quite praiseworthy.

I congratulate the faculty members, the staff and the students who are striving quite zealously to make this institute a center of technological excellence.

Harmeet Singh Kalka

GEN. SECRETARY, DSGMC

General Secretary, Delhi Sikh Gurdwara Management Committee
CREATE, ENHANCE AND SUSTAIN

Academic excellence guided by profound human values is the foundation of a strong nation. GTBIT is one such institute serving the country by chiselling young students into responsible citizens. Holistic development is reflected in the students of GTBIT.

The institute consistently provides adequate opportunities and encouragement to its students to rise and meet the challenges of the ever-increasing competition. I congratulate the Chairman, S. Amarjeet Singh and the Manager, S. Harjeet Singh for the tremendous progress the institute has witnessed under their care and guidance. I extend my best wishes to the Director, Dr. Rominder Kaur Randhawa, the teaching and non-teaching Staff and the students striving to achieve a high standard of integrated education and holistic growth.

Jagdip Singh Kahlon

DIRECTOR, GTBIT

Director, Guru Tegh Bahadur Institute of Technology COMMITTED TO EXCELLENCE AND INNOVATION IN A CARING ENVIRONMENT

Guru Tegh Bahadur Institute of Technology is a hub of excellence for engineering students. For more than two decades, it has served as a comprehensive institution of technical education. In response to the rapidly changing economic environment and the process of globalization, the institute strives to bring quality perspectives in all its activities. Learning and growth are not confined to classrooms and academic experience. Our students participate in rich and varied extracurricular activities too.GTBIT prepares its students to be dynamic professionals with exceptional engineering skills. While we feel proud of our achievements, we are not content.

We are committed to building a quality workforce with high moral values and ethics.I am very confident that our institute will be able to cope effectively with the technological challenges of the new millennium and continue to maintain its nameas one of the best engineering colleges in Delhi. I extend my sincere thanks to our Hon'ble Chairman, S Amarjeet Singh and our esteemed Manager, S. Harjeet Singh,for their generous and active support in ensuring the overall progress and development of the Institute. I congratulate the faculty, staff and students for theircommendable efforts toward building an outstanding academic ambience at GTBIT. I wish all the students, especially, the new joiners, good luck for achieving great success in life.

Dr. Rominder Kaur Randhawa
Director, GTBIT

GLIMPSES OF INSTITUTE ACTIVITIES

UNIVERSITY RESULTS

GTBIT students have been performing exceptionally well in their coursework and examinations. Many of them have been toppers in the University exams. Based on past records, about 90% of the students obtain a first division.

ALLOCATION OF SEATS IN GTBIT

General Candidates: As per GGSIP University Guidelines.

Minority Quota Candidates: The procedure for filling up seats in Minority Self-Financing Colleges/Institutes is as per GGSIP University norms and guidelines and is announced on the University Website (www.ipu.ac.in) along with the schedule of counselling.

General Instructions regarding Counselling:

1. The detailed instructions about the centralized online counselling shall be available on the University website www.ipu.ac.in & https://ipu.admissions.nic.in. Candidates are advised to go through the details thoroughly at these sites before registration. This information shall be available before the start of the centralized online counselling. Aspirants/candidates should keep seeing the University website(s) in this regard.

2. The candidates must read the conditions of eligibility as given in the Admission Brochure 2022-23 of GGSIPU carefully and must satisfy themselves regarding their eligibility for admission in various programmes before initiating the process of Online Registration.

3. It is the sole responsibility of the candidate to ensure that they fulfil the minimum eligibility criteria in the programmes they seek admission; the correctness of the details filled with respect to region; category or any other such details for allotment of seat. If at any stage of the admission procedure the information furnished by the candidate is found to be incorrect or untrue the admission to the programme shall be cancelled and the fees will be forfeited.

4. To avoid last minute rush, the candidates are advised to apply early enough. The University will not be responsible for network problems or any other problem of such nature for submitting online application at the last minute.

5. The detailed instructions regarding the procedures of the centralized online counselling for admission shall be notified on the GGIPU website before the time of start of the counselling process, however, the tentative schedule has already been given in the University Admission Brochure 2022-23. The instructions in the Admission Brochure 2022-23 shall be treated only as general guidelines.

Fee Structure

FEE BREAKUP FOR THE FIRST-YEAR STUDENTS

Particulars	Total fee for year 2022-23	Fee paid at GGSIPU during the time of provisional admission	Balance fee to be paid at the time of reporting in institute
Tuition fee	1,03700/-	20,000/-	83,700/-
Students Act. Fee	1,000/-		1000/-
University other dues	20,000/-	20,000/-	--
Book bank (4000/- Refundable)	6,000/-		6000/-
Caution Money (refundable)	10,000/-		10,000/-
Alumni contribution fund	2,000/-		2,000/-
Insurance charges			100
TOTAL	1,42,800/-	40,000/-	1,02,800/-

Note: Rs. 40000/- is paid by the students at GGSIPU during the counselling/ admission includes Rs. 28000/- part of tuition fee & Rs. 12000/- part of university dues. Balance fee is to be paid (Rs.84,900/-) at the time of reporting to the respective institute as per GGSIPU admission guidelines

The students need to directly deposit the fee in a nearby branch of Punjab National Bank by DD\ Cheque\NEFT. An online payment option through GTBIT Website is also available. No rules\regulations for imposition and collection of any fines for first-year students.

Various scholarship schemes are available at the institute such as Saksham , Parakh etc. to promote technical education. Students can avail these and benefit from them. Details about the same can be checked on the institute website gtbit.org

CAREER DEVELOPMENT MANAGEMENT CELL, GTBIT YOUR TOOLKIT FOR SUCCESS

At GTBIT, the Training and Placement Cell (TnP Cell) has a well-established system for ensuring smooth transition of students from the classroom to the workplace. The students are nurtured to develop the confidence to enter the Corporate World in sectors and positions in line with their capabilities. A continuous effort is made to create opportunities for the students through a well-structured interface with the industry. Our Industry Oriented Programs enable the students to make the best of the opportunities. They are put through rigorous corporate readiness programs concurrent with their academic programs. These comprise Industry visits, mentorship activity, field research work, corporate interface and corporate internship programs. It is endeavoured to impart a skill set to the students that bridges the gap between industry and academia.

Opportunities don't happen; We create them:
Our students get employment opportunities in various multinational, reputed private and government organizations. Throughout the year, discerning speakers are invited from the industry to conduct seminars and workshops. Many students from the previous batches have also been placed this year. Four students of GTBIT have been selected as interns and are working on live projects of M/s. CommEff Innovations, USA, an initiative of experts working at Carnegie Mellon University, USA and McGill University, Canada, developing technology-based solutions to improve communication and enhance collaboration in education and training environments. At CDMC, a holistic approach is taken to groom the students to turn them into go-getters who can take on the professional world in their stride.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CSE):

THE COMPUTER WAS BORN TO SOLVE THE PROBLEMS THAT DID NOT EXIST BEFORE

The Department runs the B. Tech. Program in Computer Science & Engineering. It aims to impart quality technical education and also to keep abreast with the latest developments in the field of Computer Science & Engineering. The Department interacts closely with the industry on a regular basis and keeps pace with the ever-changing industry scenario. The Computer Science & Engineering Department provides the study of computing, programming, and computation in correspondence with computer systems. The curriculum in the CSE involves basic sciences and engineering subjects at the initial level. Advanced courses in Computer Engineering like Computer Construction, Artificial Intelligence, Advanced Computer networks, Design Analysis and algorithms, Mobile Computing, Security Embedded Systems, and Theory of Computation are also offered. The Computer Science & Engineering Department takes a scientific perspective on computation and its applications that helps in practical aspects as well as theoretical knowledge.

DEPARTMENT OF INFORMATION TECHNOLOGY (IT):

A MAGICAL AND REVOLUTIONARY DEVICE AT AN UNBELIEVABLE PRICE

This Department manages the B.Tech programme in Information Technology. The emphasis of the curriculum is on the twin objectives of producing world-class IT professionals and keeping pace with the R&D activities in the fast-changing field of IT. The Department also prepares students for professional careers & advanced studies in cloud computing, AWS, machine learning, big data Hadoop, data science etc. It promotes the discovery, dissemination and application of knowledge involving multimedia technology.

CSE and IT Departments have laboratories in various disciplines such as Operating Systems, Computer Networks, Algorithm Analysis & Design, Programming, Artificial Intelligence, Software Engineering, Data Base Management and Systems, and Computer Graphics. The thrust areas of these Departments are Networking, Inter-networking, Network Security, Software Testing, Artificial Intelligence, Multimedia Technologies etc. Over the years, these two Departments have gained an excellent reputation for practical training in many fields related to Computer Science and Information Technology.
Most of the labs comprise state-of-the-art systems with the latest configuration, i.e. i7 PROCESSOR, 8 GB RAM.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING (ECE):

ENGINEERING IS HUMANITY, ELECTRONICS A RELIGION

The Department has the latest research and design facilities with state-of-the- art laboratories, well qualified and experienced faculty members. Besides the university curriculum starting from the very first year, students are taught the latest technologies and hands-on free training is conducted on weekends to impart actual engineering skills required in the industries.
All students are taught PCB designing, Analog Circuit designing, Digital Circuit design and Testing. The students are allowed to work in the labs as per their convenience. Few dedicated labs are open to students 24*7 for doing research and development activities.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING (EEE):

ELECTRICAL & ELECTRONICS ENGINEERS HAVE JUST THE RIGHT SPARK

The Department of Electrical & Electronics Engineering has been imparting quality technical education to produce engineers of the highest calibre ever since it was established in 2006. The Department caters to the ever-challenging need for technical excellence in almost all areas of electrical engineering with the help of its well-established labs such as Electrical Technology, Circuits & Systems and Sensors and Transducers Lab. The other specialized Labs of the Department include Electro-Mechanical Energy conversion, Power systems, utilization of electrical energy, Power electronics, Electric drives, Control Systems and Advanced Control System lab etc. The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students to learn and innovate.

DEPARTMENT OF APPLIED SCIENCES AND HUMANITIES:

IT AIMS AT EXCELLENCE BOTH IN SCIENCE AND TECHNOLOGY BASED ON AN INTERDISCIPLINARY METHODOLOGY

In the first year, students of all the branches are imparted knowledge of the Applied Sciences and Humanities so that these budding engineers develop a strong foundation in subjects like Physics, Chemistry, Mathematics, Engineering Graphics, Engineering Mechanics, Manufacturing Processes, Communication Skills, and Human Values & Professional Ethics.
The students are exposed to humanities and basic sciences to equip them with holistic values implicit in technological and professional options; to appreciate their social surroundings, and to communicate effectively. For the effective appreciation and presentation of this knowledge and the integrated personality development of the students, the Institute has also set up a Professional Development and Communication Skills Lab. The Lab attempts to bring about a holistic development of the students by giving them the required exposure and enhancing their self-expression.

T**he Professional Development Lab (Finishing School)** organizes student workshops around the year to ensure their holistic growth and development. Workshops on GD, PI, Resume Building, Career options abroad, higher education opportunities, etc. feature regularly and are conducted by experts from the industry and soft skill trainers from renowned institutions such as TIME, Career Launcher, etc.

Guru Tegh Bahadur Innovation and Research Centre (GTBIRC)

Innovation and research labs are the spinal cord of any engineering college and are essential to ignite innovative minds to become excellent engineers. A Research center can enhance the growth of the organization through leaders and subject experts. With this idea of inculcating research culture in students and faculty, GTBIRC has been established in GTBIT premises.

Learning Resources

LIBRARY: THE LIGHT HOUSE OF KNOWLEDGE

GTBIT has a fully air-conditioned digital library that is rich in resources for learning, research, and general awareness. It is spacious, well-lit, and comfortable, enabling students to easily spend long hours in it.

Highlights:

- The Library has a high-end separate IBM Server and computers with internet connectivity.
- A rich collection of approx. 61,369 books & approx. 4600 (approx.) titles.
- The Library subscribes to 467 International Journals, 41 National Journals, 15 magazines and 16 leading newspapers.
- An impressive collection of books in digital form on CD's. Online Public Access Catalogue Facility (OPAC) is available.
- Inter library loan facility through DELNET (Developing Library Network) is provided.
- The library is a member of AICTE recommended multiuser e-journal package i.e. Springer package which provides access to 467 online journals of Engineering, Computer Science & Mathematics.
- It also provides a book bank facility to its students.

FACULTY
A TEACHER AFFECTS ETERNITY; HE CAN NEVER TELL WHERE HIS INFLUENCE STOPS

GTBIT has a devoted and dedicated team of Engineering and Technology faculty with distinguished academic records and long teaching experience in all the branches. As a result, we have honorably attained the topmost position amongst the existing competitive colleges. The institute encourages its faculty to pursue higher education, and research activities and to participate in conferences/seminars/workshops. To make learning congenial and profitable both the teachers and the taught have been provided with world-class facilities

Above And Beyond The Call Of Duty.

Project: (SPORTS FOR GROWTH AND PROSPERITY (SGPP)

GTBIT is working for developing the holistic skills of all the students. Under this initiative, a project named **"SPORTS FOR GROWTH AND PROSPERITY"(SGPP**) was successfully implemented in collaboration with AICTE under the joint venture of the UKERI program commenced on 23rd November 2011, thereby leading to the physical, social and intellectual growth of the students. The evidence observed is that sports promote teamwork, accountability, leadership, perseverance, and self-discipline leading to independent decision-making.

In the past, our students have brought many laurels to the college through their exceptional participation leading to rewarding achievements.

A plethora of events was organized in March 2022:

List of Events organized

1. Rehearsal of Zumba and Bhangra - 11th March, 2022
2. Track and field events, organized on 14th March 2022
3. Yoga, organized on 15th March, 2022
4. Zumba, organized on 16th March, 2022
5. Bhangra, organized on 17th March, 2022

Posters and Pictures of the Organized Events

ACADEMIC EXCELLENCE AND QUALITY ASSURANCE CELL EDUCATION IS A PASSPORT TO THE FUTURE; TOMORROW BELONGS TO THE PEOPLE WHO PREPARE FOR IT TODAY

Quality in engineering education ensures continuous improvement in the academic and administrative operations of the Institute. It facilitates the overall development of all the stakeholders. GTBIT is committed to continuously striving to implement and innovate the learning processes for students and faculty members. It has given a platform to students to develop and learn more effectively. It has also assisted the faculty members to grow and improve. The Internal Quality assurance cell (IQAC) of GTBIT, established in April 2010, formulates designing, implementing monitoring, measuring and improving the standards of teaching, evaluation and research activities in the institute. We, at GTBIT, earnestly believe that the quality of what you do determines the quality of your life.

EDUSAT LAB

Using Technology to work with you & for you.
The Institute has an EDUSAT Lab with a seating capacity of forty. In this Lab live and pre-programmed broadcasts of lectures are conducted. Users navigate menus to select content and enjoy empanelment of renowned professors for delivery of lectures and generation of resource materials. To this end, sincere efforts are being made to enhance the effectiveness of the EDUSAT network

INFRASTRUCTURE FACILITIES AND COMPUTING

Where IT meets magic and where We put some serious power in your hands.
Every building has a well-equipped conference/seminar hall where a variety of academic and extra-mural activities take place throughout the year. The institute also has a state-of-the-art indoor auditorium and an outdoor open stage. The institute boasts of an indoor gymnasium, a hygienic canteen, doctor on call etc and a state-of- the art library in its premises. Spacious and airy classrooms and well-equipped labs make teaching and learning all the more meaningful and congenial for the students. The institute has state-of-the-art computing and web learning facilities. The Computer Centre comprises various labs having the latest i7 computers in most of them. The computer labs are equipped with more than 500 computers. Students are encouraged to spend their time in the Labs and are given all the facilities like internet etc. to get hands-on practice on latest technologies.

Networking Lab and Multimedia Lab are equipped with 50 Dell computers of latest configuration, Programming Lab I & II, Software Testing Lab and Compiler Design Lab are equipped with Multimedia Projectors and 120 DELL and HP computers of latest configuration. IBM Lab is equipped with 40 Dell PCs of the latest configuration. All the eleven labs are internally networked.

INNOVATIVE DESIGN & DEVELOPMENT LAB

We believe that Innovation is the centerpiece of technological advancement.
This dedicated lab provides a platform to students with all the necessary infrastructure and technical support to explore, design and implement their technical, intellectual and creative skills. Students are encouraged to design projects for various National Competitive Expositions/ Exhibitions from second year onwards.

ENTREPRENEURSHIP DEVELOPMENT CELL OF GTBIT FOR US ENTREPRENEURSHIP ISN'T JUST A LABEL, IT'S A LIFESTYLE

The Entrepreneur Development Cell of GTBIT aims to help the budding engineers of the institute realize their dreams and establish their own start-ups. One of the core functions of EDC is to maintain relations with various industries to provide a huge resource pool. EDC also associates with Bankers, Venture capitalists and other financial institutions like MSME which provide funding on easy terms.

INDUSTRY INSTITUTE PARTNERSHIP CELL of GTBIT (IIPC)

- This cell has a great culture of providing incubation and support to budding engineers and eliciting brilliant ideas. Some of the start-ups of our students are:

- Graafiesto- A start-up run by Divyansh Sharma and Arpit Dawar, both of them completed their B.Tech. in Electronics and Communication from GTBIT.

- Medicians Software Solutions Private Limited founded by Paras Garg of B.Tech. Computer Science.

- A-ONE SALONS- founded by Simran Kaur and Gagandeep Kaur from BTech Computer Science.

- FOODCHAM Technologies Private Limited - founded by Navdeep Singh Oberoi and Mohit Puri from B Tech Computer Science.

- GitALLTech- A start-up by Hardeep Singh Mehra of BTech Information Technology and Gur Raunaq Singh Soni of BTech Computer Science.

PROFESSIONAL DEVELOPMENT & COMMUNICATION SKILLS LABORATORY

"*THE QUALITY OF YOUR COMMUNICATION SHAPES THE QUALITY OF YOUR LIFE.*"

The Institute has set-up a state-of-the-art Professional Development & Communication Skills Laboratory. The Laboratory renders a unique platform to the students of the institute for building a strong foundation by making the language learning process easy, quick and effective. This Laboratory has been set up with a singular aim of facilitating rapid learning through a combination of stimulating multimedia content, interactivity and communication tools. Our students also develop skills specific to their career path which is imperative for their future job success. Soft skills' training is also being imparted to the students for enhancing their employability quotient. In line with the demands of a dynamic work environment and society, attempts are being made to instil in our students the qualities of leadership, effective communication, team work, and inter-personal skills to help them to cope with life at large and excel in their personal and professional lives as well.

RESOURCE CENTER OF SPOKEN TUTORIAL PROJECT-IIT, BOMBAY

GTBIT wishes to contribute towards IT literacy and awareness and has become a RESOURCE (Robust Extension for Spoken Tutorial project on Open-Source Software Usage for Recruitment, Community and Education) Center. It is an initiative of National Mission on Education by ICT, MHRD, Government of India, to promote IT literacy through Open-Source Software. The Spoken Tutorial project is about teaching and learning a particular FOSS (Free and Open-Source Software) like Linux, Scilab, La TeX, PHP & MYSQL, Java, C/C++, Libre Office etc. via an easy Video tool-Spoken Tutoríals. GTBIT RESOURCE Center conducts remote SELF workshops in its premises, and also trains other colleges and schools in conducting Spoken Tutorial SELF workshops. GTBIT RESOURCE Center has also created a team of students and faculty members to provide training to other schools and colleges for conducting SELF workshops.

INSTITUTE ACHIEVEMENTS

There is no greater satisfaction than in remarkable achievements and accomplishment of goals

GTBIT has been awarded AAA+ state ranking by Careers360.
First private engineering college after DTU, IPU and USIT in Delhi state.

Landmark Achievements

GTBIT students have won first position in various national and international level hackathons.
A student team from our institute won a prize of Rs. 50,000/- in Smart India Hackathon-2022 which is World's Biggest Open Innovation Model. The team from GTBIT won a prize in a non-stop digital product development competition conducted by the Government of India for two days on the 25th and 26th of August, 2022 continuously. Three teams from Guru Tegh Bahadur Institute of Technology were shortlisted to participate in the Grand Finale of SIH-2022. The result of the Grand Finale was announced on 27th August, 2022.

"Hack the valley-2"held at the University of Toronto.

Krishna Varshney has been appointed as Video Editor Lead for IEEE India Council, 2022-23.

Snehar Kaur Bajwa was felicitated with Outstanding Student Volunteer Award in IEEE Delhi Section Award Ceremony, 2022.

Ikjyot Singh, Hitanshu Kapoor, and Binal Singh secured a global rank of 357 and a country rank of 51 at IEEE Xtreme 15.0 held by IEEE.

Gaurav Singh was felicitated with Outstanding WIE Student Volunteer Award in IEEE Delhi Section Award Ceremony, 2022

Jagjot Singh, Gagandeep Singh, and Mandeep Singh secured a global rank 666 and a country rank of 117 at IEEE Xtreme 15.0 held by IEEE.

Sahil Gehlawat was felicitated with JK Pal Award in IEEE Delhi Section Award ceremony, 2021.

Bismannjit Kaur was felicitated with the IEEE Outstanding Student Volunteer Award in 2021-2022.

Mohan Kaushik and Nancy Kushwaha won the 1st prize at Ideathon 1.0 held by IEEE PES SB.

Himika Prabhat, and Ikjyot Singh won the 1st prize at the Tech Kranti Hackathon organized by IEEE MRU SB.

Sneha Soniwal won the 1st position in Morph and Maneuver graphic designing competition organised by IEEE WIE-MSIT.

Sahib Singh secured 1st position in Brainiac (Logical Reasoning Quiz) organized under IEEE RAS along with IEEE student branch chapter of St. Joseph's College of Engineering

Ikjyot Singh, Binal Singh, Tarashdeep Singh and Balvinder Singh secured the 2nd position at Crowdhacks organized by IEEE GTBIT SB.

Nancy Kushwaha secured the 2nd place in the Quiz competition organized by IEEE JEC SB.

More feathers in our cap:

● Faculty Development Program in collaboration with NITTTR Chandigarh on "Web Security Services Audit" 07/01/19 to 11/01/19.

● Faculty Development Program on UNITY Game Development on 5th March, 2019 in collaboration with Brain Mentors.

● First Prize Smart India Hackathon 2019 (SIH2019) organized by AICTE. Team AZA2 got 1 Lakh prize on 2nd and 3d March, 2019.

● Student Workshop on KOTLIN on 13 February, 2019 in collaboration with 1SSAC IT Labs.

● Akshay Baweja and DivyaKoneti were students of ECE at GTBIT who were gold medalists at GGSIPU for the year 2018 for their Major Project.

● Our student, Akshay Baweja was selected at Parsons School of Design, New York which is also ranked as the Best Design School in the US with President's Scholarship of 75%.

● Three of our students Rehraj Singh, Prabhjot Kaur and Diksha Walia were engaged in making electronics-based hardware prototypes for which they secured first position at IIT Bombay techfest and subsequently came first at NSIT Dwarka. Not only this, they went on to bag the first prize at the University of Toronto's international level hackathon in Canada with a participation of 2500+ applicants, after which they were invited by the University of Waterloo as mentors for their international level hackathon. They also became second runners up at the National level Aviation hackathon by Vistara Airlines. They won a cash prize of $1000 and DJI drones.

● Our student Jashan Preet Singh attended the R10 SYWL Congress in Bali, Indonesia in 2018.

● Our students Jashan Preet Singh and Vanshika Bhardwaj attended IEEE AISYWC Congress at Mysore in 2018 both partially funded by IEEE Delhi Section which gave them an immense opportunity to learn, network and promote IEEE and our institution at an international level.

Remarkable victory of our students in the debate competition organised by the Directorate of Students' Welfare & Nature Club, GGSIPU on 20th May 2022 on the topic, "IMPACT OF CHANGE IN LAND USE PATTERN IN INDIA IN LAST 75 YEARS: POSITIVE OR NEGATIVE"
1)Deepanshu Gaur, IT-3, First Year- Best speaker against the motion.
2)Pria Sharma, ECE-2, First Year- Best speaker for the motion.
3) Yashika Sood (IT-3, First Year) and Nancy Gupta (AI& DS, First Year)- Best Team.

Organised a Student Webinar on 'Building your brand on LinkedIn' by Tanvi Bangia, Client Solutions Manager, LinkedIn (Ex-NDTV, Ex-CNN, Ex-Times Internet) on September 28, 2020. Dr. Seema Singh initiated the proceedings as Head Of the Finishing School .

Organized the 'Engineer's Day Carnival 2020' on September 15, 2020

Four consecutive online Career Development Webinars Series of online Career Development Webinars with T.I.M.E. (4 week long on June17, 2020, June 24, 2020, July1, 2020, July8, 2020) on GRE, GMAT, Group Discussions and Case-study interviews. It was conducted by well-known speakers from the Prestigious Organization TIME.

Organized an online session on MBA INDIA OR ABROAD in collaboration with T.I.M.E(Triumphant Institute of Management Education) on 18 June 2021. It was conducted by Mrs. Tarannum Naseem Raza an Electronics and Telecommunication Engineer + MBA. Finishing School Head, Dr. Seema Singh initiated the proceedings .

Organized an online session on the topic "Do I know myself- Confidence is always inside out" on 29 May 2021.

Organised an expert lecture on goal setting by Ms. Jagjit who is an emotional well-being coach, life coach, leadership and executive coach, and personality consultant.

Organised a talk on "PATIENCE, CONSISTENCY AND STRENGTH WORKS WELL TOGETHER" by Mr. Sudhir Miglani, our alumnus working at Microsoft.

Sports Achievements

GGSIPU Sports Meet 2018

Won *Gold* in Cross Country boys (Lakshpreet Singh, 4th year).
Won *Silver* in Cross Country boys (Gurjot Singh, 2nd year).
Won *Gold* in 800m girls (Jasleen Kaur, 2nd year).
Won *Gold* in Weight Lifting (Harman Singh, 4th year).
Won *Silver* in Weight Lifting (Shivam, 1st year).
Won *Gold* in 5 Km girls (Jasleen Kaur, 2nd year).
Won *Gold* in 5 Km boys (Lakshpreet Singh, 4th year).
Won *Bronze* in 5 Km boys (Gurjot Singh, 2nd year).
Won *Bronze* in 1500 m girls (Jasleen Kaur, 2nd year).
Won *Silver* in Power lifting (Harman Singh, 4th year).
Won *Bronze* in Body Building (Abhishek, 1st year).
Won *Bronze* in Body Building (55-60 kg) (Abhishek, 2nd year).
Won *Bronze* in Body Building (65-70kg) (Sumeet Raj Sharma, 2nd year).

Jasleen Kaur won *BEST ATHLETE* (Female) for second consecutive year among all the participating institutions.

Our student (Jagdeep Singh 2nd Year) was selected for GGSIPU camp for Badminton to represent the University at the All India University level.

Two of our students (Gurdesh Singh 4th Year and Tejas) were selected for GGSIPU camp for Basketball to represent the University at All India University level.

Our Student (Lakshpreet Singh, 4th Year) was selected to participate in All India Inter-University Cross Country 2018 held at Gulbarga University, Karnataka.

Our team of Tug of War won a Gold medal at New Delhi Institute of Management.

Maharaja Agarsen Institute of Technology
Our Tug of War mixed (boys and girls) team won *GOLD* in the event.
Won *SILVER* in Arm Wrestling (Sandeep Singh, 4th Year).
Won *GOLD* in Badminton (Singles) (Jagdeep Singh, 2nd Year).

DELHI SIKH GAMES 2018
Our Students once again performed brilliantly.
Sandeep Singh , 4th year (*Gold* 70-80 kg) Arm wrestling
Gurkirat Singh , 4th year (80-90 kg *Gold*) Arm wrestling
Amanjot Singh , 1st year (90-100kg *Gold*) Arm wrestling
Abhishek Maurya , 2nd year (*Silver* medal) Arm wrestling
Alamdeep Singh , 4th year (*Silver* medal) Arm wrestling
Gurdesh Singh , 4th year (*Gold* medal) in basketball.
Tug of War team got *Gold* medal
IGDTU Kashmiri Gate
Our student (Jasleen Kaur) won *Gold* in girls 800m.

Asian Education Group
Our Boys Tug of War team won *GOLD*
Our Girls Tug of War team won *SILVER*

IBS Gurgaon, Sports meet 2018
Our Team (GTBIT) Won *Gold* and *Trophy* in *Tug of War* Mixed.
Sandeep Singh CSE 4th year (70-80 kg) won Gold.
Gurkirat Singh 4th year (80-90 kg) won Gold.
Amanjot Singh 1st year (90-100kg) Gold.
Abhishek Maurya 2nd year won Silver.
Alamdeep Singh 4th year won Silver.

ANUGOONJ 2019 ACHIEVEMENTS

DANCE EVENTS: Folk dance I Position, Western dance II position.
MUSICAL EVENTS: Classical Vocal Solo II position
FINE ART EVENTS: Clay Modelling, Special Mention, On the spot painting, Special Mention

CULTURAL ACHIEVEMENTS

The Cultural society of GTBIT is very active and encourages students to participate in college and inter college competitions, winning accolades at the college and the university level. It comprises the western dance group- NATYA, the musical group- G#, the dramatics group-ETCETERA and the Bhangra dance group of the college.

ET-CETERA: The dramatic society of GTBIT. They have been the winner at various competitions held in GGSIPU and DU colleges. GTBIT Street Play is one of the best performing teams in the Delhi circuit. They have participated in all the colleges across Delhi. The Team has been awarded the Best Actor award in Jamia Millia Islamia and DTU. They won Ist Position in Kamala Nehru College, BVCOE, Sri Venkateshwara College, Hindu College, NSUT. NATYA: Created by the current popular Bollywood actress and the then student Taapasee Pannu, the western dance group of GTBIT has won many competitions including Ist position in New Delhi Institute of Management, Indraprastha University and Bharti College, Delhi University.

ASHKE BHANGRA: The Bhangra dance group of GTBIT has been winning various competitions and were the winners of Anugoonj 2019 and 2020, the Annual Fest of IP University.

G# : The musical group of GTBIT has been actively participating in various inter-college competitions held in GGSIPU and DU colleges.

SWAAS EVENTS

"SAVE SOIL" campaign is a global movement to invoke a conscious approach towards soil and the planet. One of the main objectives of the movement is to show the governments across the world that their citizens want policies that revitalize ecology and soil.
An event for the same was held on May 30th, 2022, in the college auditorium by "SWAAS", the Eco-tech society of GTBIT in collaboration with the "ISHA FOUNDATION". The event presented an excellent opportunity to learn about the present conditions of the soil and the ways to preserve it.

Universal Human Values (UHV)

UHV Cell has been established in Guru Tegh Bahadur Institute of Technology with the objectives mentioned below:

1. To nurture the students to live with mutual happiness with human beings and mutual prosperity with the rest of nature along with the development of technical competence.

2. To facilitate the faculty members through FDPs, refresher FDPs and motivate other faculty members, staff and students to attend initial level of UHV workshops as well as higher level FDPs to understand concepts of Universal Human Values.

3. To ensure proper teaching of UHV-I of student induction program and UHV-II of 2nd year, through oriented faculty members.

4. To develop the UHV teachers through advanced UHV FDPs.

5. To develop the college as a living Model of UHV and help other nearby colleges for the same.

6. To develop resource persons of UHV for the college to become a self-sustainable model of UHV.

IMPORTANT INFORMATION

Ragging is a criminal offence as per the Supreme Court verdict. Ragging in any form is strictly prohibited within the premises of the college. Any individual or group of individuals indulging in an act of ragging, constitutes gross indiscipline and such individuals/ groups shall be dealt with very strictly. The institute shall take strict action including but not limited to criminal proceedings and/or cancellation of admission against those found guilty of ragging and/or of abetting ragging.

Students are expected to dress decently, neatly and appropriately at all times, maintain adequate personal hygiene and conduct themselves in a courteous and dignified manner. Students should dress according to accepted standards of modesty, dignity and good taste. Clothes must be clean, fit properly and not extreme in design or fashion. Students are expected to maintain best standards of behaviour inside the college.

The use of mobile phones during study hours, smoking, liquor consumption, drugs and firearms are strictly prohibited in the institute premises.

Irregular attendance, insubordination to teachers, non-teaching staff and college authorities, and obscenity in word or deed shall be seriously dealt with.

If consistent progress is not observed, a student may be asked to leave the course and her/his guardian will be informed accordingly.

The Institute may take action against a student for continued absence, misconduct and indiscipline. In case of absence on medical grounds, a Medical Certificate from a registered medical practitioner must support the application.

No student will be allowed to go in for the semester examination unless:
a) She/he has paid the entire fee and cleared all the dues.
b) She/he has completed all the assignments and other term work allotted for the course regularly in a satisfactory manner.
c) She/he satisfies other conditions regarding attendance etc. as per the rules of GGSIP University.

Students shall handle the college properties with care and keep the surroundings neat and tidy. Students shall not disfigure college wall, furniture, etc. with writing or engravings. Those indulging in such activities shall be fined. Any damage to the college property apparatus, furniture, equipment, library books, building etc. will have to be paid by the student immediately.

Students are required to have 75% attendance as per GGSIP University rules. They can appear for the University examination only if their attendance is >75%.

Syllabus /lecture plans, assignments, question banks etc. for various classes and subjects are available on the institute website (www.gtbit.org).Students are advised to visit the Institute website regularly. Students are advised to pay attention to the notifications appearing on the notice board from time to time so that they may be well informed about the day-to-day affairs of the college.

Any suggestions/comments/complaints regarding harassment, ragging etc. may be submitted to the following e-mail addresses: gtbitdg@gmail.com. gtbitdr@gmail.com, gtbitdd@gmail.com

Please visit the University Website for updated information.

GURU TEGH BAHADUR
INSTITUTE OF TECHNOLOGY

(under the aegis of DSGMC) Affiliated to Guru Gobind Singh Indraprastha University, Approved by A.I.C.T.E

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