



COUNSELLING CODE 2702



ON CAMPUS

**BANNARI AMMAN
INSTITUTE OF TECHNOLOGY**



2026 - 2027 Information Brochure



Green Campus

ON CAMPUS **BIT**
Preparing you to stay ahead





6-Axis Robot

Designed, Developed and Fabricated by
BIT Students

UG

Programmes

B E (4 years)

- Computer Science and Engineering
- Electrical and Electronics Engineering
- Electronics and Communication Engineering
- Electronics and Instrumentation Engineering
- Mechanical Engineering
- Mechatronics Engineering

PG

Programmes

M E (2 years)

- Computer Science and Engineering
- Industrial Safety Engineering
- VLSI Design

M B A (2 years)

B Tech (4 years)

- Agricultural Engineering
- Artificial Intelligence and Data Science
- Biotechnology
- Information Technology

Ph D Programmes

30

Years of Outstanding
Educational
Leadership

#lifeatbit



NATIONAL BOARD
OF ACCREDITATION

ALL ELIGIBLE
PROGRAMMES
ARE ACCREDITED

NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
Reaccredited with "A+" Grade
(3 Cycle)



NAAC



Engrossed Learning Centre





Knowledge - Skill - Attitude

#07

Foundation Skills



#7500+
Students Trained
Mandatory training for all
I Year B E / B Tech



Industrial Culture



Foundation Skill Training at **BIT Gurugulam**

- Lays the groundwork for students to acquire essential skills in critical thinking, enabling them to navigate various aspects of life and work effectively
- Ensures a strong educational foundation, empowering students to pursue further learning opportunities and adapt to evolving societal and professional demands



-  Prototype Modelling
-  Welding
-  PLC Programming
-  Assembly & Dismantling
-  Electrical Installations
-  Electronics
-  Network Operating Systems

SUCCESS STARTS WITH DISCIPLINE



BUILDING CONFIDENCE

#03

Advanced Skills



#7500+
Students Trained
Mandatory training for all
I Year B E / B Tech



Advanced Skill Training at BIT Gurugulam

- Rapid technological advancements compel students to continuously upgrade their skills to remain relevant in the job market
- Advanced skill training fosters innovation, boosts productivity, and enhances overall competitiveness in the global economy



Embedded System
Design



Servo Motion Control



IT Infrastructure



Personalised Competency Development Programme

PCDP



PCDP is a structured, assessment-driven system designed to develop skills across various domains such as Computer Science, Electronics, Electrical, Mechanical, Biotechnology, and more. Skills are categorized into levels, from basic to advanced, with each level offering the syllabus, learning materials, and centralized proctored assessments. Students progress by clearing levels and meeting inter-skill prerequisites, with opportunities for cross-domain learning. Managed via an in-house portal, PCDP ensures concept mastery, ranks students by skill, and prepares them for academic and professional success.

LEVEL UP YOUR LEARNING JOURNEY





General Skills

- Aptitude
- Communication
- Physical Fitness
- Functional Behaviour
- Problem solving
- Mathematics and Logics
- Email Etiquettes
- New Product Development and Innovations
- General Engineering
- Intellectual Property Rights
- Leadership

Computer Cluster (CSE, AIDS, AIML & IT)

Fundamentals

- C Programming
- Java Programming
- C++ Programming
- Python Programming
- DB Programming
- UI / UX
- Networking
- Data Visualization
- Linux

Intermediate

- Data Structures
- HTML / CSS
- Java Script
- Devops
- Machine Learning
- Digital Assurance
- DB Administration

Advanced

- App Development
- Advanced ML
- Frontend Framework
- Backend Framework
- Advanced Programming
- Network Security

Circuit Cluster (EEE, ECE, EIE & MTRS)

Fundamentals

- Electrical
- Electronics
- Circuit Debugging
- Digital Electronics
- Analog Electronics
- Servo Motion Control
- Variable Frequency Drives Control
- LMC

Intermediate

- Microprocessor and Microcontrollers
- Embedded C
- PCB Design
- Embedded System Level
- Verilog Programming

Advanced

- App Development
- Electrical Drives
- Power Electronics
- Industrial Automation
- Sensors and Measurements
- Embedded System & IoT
- Signal Processing, Communication & RF Design
- VLSI Design

HANDS-ON TRAINING FOR A HANDS-ON FUTURE





Mechanical Cluster

Fundamentals

- Mechanical Modelling
- Measurements
- Manufacturing
- Materials
- Irrigation Engineering

Intermediate

- Automation

Advanced

- Quality Control
- Advanced Manufacturing
- Energy Engineering
- Operational Research
- CFD Analysis
- Supply Chain Management

MASTER SKILLS NOT JUST CONCEPTS

and many more...



Skill Training @ BIT

300+
Day Skills



90+
Night Skills



Learning By Doing

9000+

Students Trained
in Day Skills and
Night Skills

Mandatory training for all
I, II, and III Year B E / B Tech students



Skill Training @ BIT

Skill training aims to familiarise students with the most sought-after engineering skills by globally leading industries and corporations. The training is offered during college and evening hours to optimize students' study time. It is conducted by well-trained faculty members and students who have mastered specific skills through their self-interest. These skills are recognised by WorldSkills

Learn, Practice, Excel !!!



FFS INDIA 2023



Student-fabricated FFS Race Car 2023 won first place



Smart Minimaster



CNC Turn

ADVANCING LEARNING
TRANSFORMING FUTURES

Advanced Tech Centre at BIT

The Advanced Tech Centre at BIT is a hub of innovation, research, and skill development, empowering students and faculty to explore cutting-edge technologies and solve real-world challenges



Vision:

To be a leading centre for technological advancement, shaping professionals who drive innovation and societal impact

The Advanced Tech Centre exemplifies BIT's commitment to excellence, preparing students for a dynamic technological future

Highlights:

- 1. Modern Infrastructure:** Advanced labs, high-performance computing, and prototyping tools
- 2. Interdisciplinary Research:** Focus areas include AI, Robotics, IoT, Data Science, Biotechnology, and Renewable Energy
- 3. Practical Training:** Workshops, certifications, and project-based learning ensure industry-relevant skills
- 4. Innovation Support:** Resources for ideation, development, and entrepreneurial initiatives
- 5. Industry Collaboration:** Partnerships with top tech companies for insights and mentorship
- 6. Global Exposure:** Seminars, hackathons, and lectures with global experts



and many more...



Student Participation



National / International
Competitions

3293



Patent | Journal
512 | 2223



National / International
Conference Presentation
2590



Products Developed
504



Online Courses
3421



Internship
2396

Student Mentoring

The experienced faculty mentors are trained to support students in all aspects of their academic and professional success

The mentors are dedicated to guiding students by providing a supportive and nurturing environment that fosters both academic and career growth





Product Innovation Centres #18

The Product Innovation Centre Lab helps students build practical skills, innovate, and tackle real-world challenges, fostering teamwork, entrepreneurship, and tech readiness

- AI Based Industrial Automation
- Aquatech Innovation
- Artificial Intelligence
- Bio Product Innovation Cell
- Bioprospecting Cell
- Cloud & Cyber Security
- Data Science
- Electrical Drives
- Embedded Technology
- Full Stack & Devops
- Hackathon
- Internet of Things (IoT)
- Manufacturing & Fabrication Cell
- Printed Circuit Board (PCB)
- Robotics & Automation
- Sensors and Tamil Computing
- Smart Agriculture
- XR Studio



Technology Development Centres #18

The Technology Development Centres help students master advanced technologies, promoting innovation and expertise to shape future tech leaders

- AR/VR
- Artificial Intelligence and Data Science
- Cloud Computing
- Communication Protocol
- Control System
- Devops
- Embedded System
- Machine Vision
- Manufacturing
- Mobile Technology
- Programmable Logic Controller (PLC)
- Power Electronics
- Sensor
- Servo Motion Control System
- Software Development
- Variable Frequency Drive
- VLSI & FPGA
- Web Technology

Products developed by Our students



Palm Leaf Manuscript Reader



Factory Production Traceability Software



Semiautomatic Milk Dispenser



Smart Document Analyser and Text Classifier



IoT Embedded Board



Wireless Dental Monitoring Kit



Retrieval-Based Voice Conversion



Single Board Computer (SBC)



Smart Energy Meter (Monitoring System)



Autonomous Mobile Robot

and many more...



worldskills

SPECIAL EDITION
INTERNATIONAL
COMPETITION 2022



Four students from BIT (out of 58 Indian competitors) represented India and tackled 52 skills alongside 52 experts at WorldSkills 2022



**“Learning
New Skills
Can Change
Your Life”**

- BIT WorldSkills Training Centre -



The BRICS Challenge brought together competitors and experts from Brazil, Russia, India, China, and South Africa

The BRICS Future Skills Challenge is an opportunity to learn from experts in multiple fields and benefit from cutting-edge training across the BRICS nations



Skills
13



29 Medals

Gold 01

Silver 02

Bronze 08

Medallion for Excellence 18



#brics #brics2022 #lifeatbit



The BRICS International Competition brought together more than 100 young talents from Brazil, Russia, India, China, South Africa, Egypt, Ethiopia, Iran, and the United Arab Emirates

The BRICS Skills Challenge enabled participants to solve critical challenges using their technical skills in the thematic areas of Water, Energy, and Health



Skills
21



84 Medals

Gold 02

Silver 05

Bronze 12

Excellent Prize
Student 62

Excellent Prize
Faculty 03

#brics #brics2023 #lifeabit





Skills
06



11 Medals

☒ Silver 05
☒ Bronze 06

#brics #brics2024 #lifeatbit

The BRICS Future Skills & Tech Challenge 2024 is a global competition that brings together participants from the BRICS nations (Brazil, Russia, India, China, and South Africa) to showcase their expertise in future skills and emerging technologies. It aims to foster innovation, collaboration, and excellence in skills critical to the rapidly evolving global workforce.





SMART INDIA HACKATHON 2022

Winners

BIT stands top in the national-level hardware challenge, winning the most awards

- Teams from BIT excelled at the Smart India Hackathon 2022 Grand Finale, earning a total of **11 positions**, including 6 winner awards, 2 runner-up awards, and 3 special mentions.
- They secured **9 awards in the hardware edition** and **2 awards in the software edition**. Their achievement was accompanied by a substantial cash prize of **₹ 5.75 lakhs**





SMART INDIA HACKATHON 2023

Winners



Team Agastrix secured the first prize, earning a cash reward of ₹ 50,000



Team Tech Hoppers triumphed, claiming the first prize along with a cash award of ₹ 1 lakh



Team Spartans clinched the top prize, receiving a cash award of ₹ 1 lakh

**Innovate
Create
Transform**



Team House Stark Winterfell attained the top position, capturing the first prize with a cash award of ₹ 1 lakh



Team AI evAnGelst emerged as the winner, securing first prize with a cash reward of ₹ 1 lakh



Winners

BIT triumphs in the national-level hardware challenge, earning the highest number of awards

Smart India Hackathon (SIH) 2024 is a prestigious annual event in India that fosters innovation and problem-solving among students through a competitive format. It brings together young minds to develop technology-driven solutions for real-world problems faced by industries, government bodies, and society at large



Team Slytherin triumphed, claiming as Joint Winners with a cash prize of ₹ 50,000



Team Elec Embed Innovators secured the Joint Winners with a cash prize of ₹ 50,000



Team EnviroX emerged as the winner, securing the first prize with a cash reward of ₹50,000



EMPOWERING INNOVATION
EMBEDDING EXCELLENCE



Achieved 3rd place in the **Dare to Dream 2.0** (Innovation Contest), with a cash prize of ₹ 3 lakh, honored by **Dr Rajnath Singh**, the esteemed **Defence Minister of India**

Record of 2 Consecutive Victory @ **Dare to Dream**



Secured 1st position in DRDO's **Dare to Dream 3.0** (Innovation Contest), earning a cash prize of ₹ 5 lakh, and was commended by **Dr Rajnath Singh**, the esteemed **Defence Minister of India**



Winner



TECHgium®
Engineering Innovators for Tomorrow

Best Employee's
Choice Award

TECHNOXIAN
WORLD ROBOTICS CHAMPIONSHIP

Winner



TECHNOXIAN
WORLD CUP 2023





Achieved 1st Place receiving a cash prize of ₹ 3 lakhs at the Grand Finale Demo Day held at Tata Technologies' headquarters in Hinjewadi Pune



Bagged 1st place with a cash prize of ₹ 5 lakh in the Forensic Hackathon 2023 (Innovation Contest) organised by the National Forensic Science University in association with the Directorate of Forensic Science Services and patronized by the Ministry of Home Affairs, Government of India

and many more...

Centre of Excellence

A Centre of Excellence (CoE) focuses on expertise and innovation, driving best practices, research, collaboration, and strategy development to enhance capabilities and maintain competitiveness.

SEW EURODRIVE SEW Automation (Germany) BIT – SEW Centre for Automation	TVS TVS Group BIT – Harita Centre for Product Development	FESTO Festo (Germany) BIT – Festo Centre for Automation
SICK Sensor Intelligence. BIT – SICK Intelligence Lab	ni BIT – Centre for Cyber Physical Systems	OPAL-RT TECHNOLOGIES BIT – Power Electronics Lab
 ProtoHubs.io Ideate - Innovate - Implement BIT – AR/VR product development	 BIT – Renewable energy and HVAC Lab	 AQUA GROUP Pumps you can rely on BIT – Aquasub Lab
 DELTA BIT – Centre of Excellence in Special Machines and drives	 NVIDIA. BIT – NVIDIA Jetson Embedded AI/DL Lab	SIEMENS BIT – Industrial Automation Centre

Collaborations - Memorandum of Understanding (MoU)

A Memorandum of Understanding (MoU) between industry and academia outlines a collaboration to bridge gaps, foster innovation, and develop student skills to meet industry needs



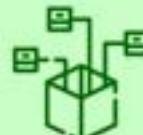



Startup
30+



Awareness
Programmes
200+




Products
Developed
40+



Graduated
Incubatees
150+



BIT Innovation and Startups

BIT's flagship initiative fosters a strong startup ecosystem, inspiring entrepreneurship and innovation among students

TECHNOLOGY BUSINESS INCUBATOR

BIT-TBI, a joint venture of BIT and the Dept. of Science and Technology, Govt. of India, supports innovative ideas to create start-ups. With advanced labs and workstations, we transform concepts into products in fields like food technology, biotechnology, agro products, and engineering. Visit us at BIT to turn your ideas into reality and advance your entrepreneurial journey

PLATFORM TO CONVERT IDEAS INTO PRODUCTS



Idea



Planning



Investment



Marketing



Launch

BUILD YOUR DREAM TODAY

Placement Highlights: Batch 2020 - 2024

Placements

1619

Internships

3506



Total No. of Students

1204



Multiple Offers

415



Dream Offers

242



Super Dream Offers

199

cadence ₹ 16.00LPA	ANALOG DEVICES ₹ 15.00LPA	COMMSCOPE ₹ 14.00LPA now meets next
Informatica ₹ 11.50LPA	APPLIED MATERIALS ₹ 11.40LPA	thoughtworks ₹ 11.00LPA
TurboComply ₹ 10.00LPA	software ₹ 10.00LPA	Rekise ₹ 10.00LPA
PRESIDIO ₹ 09.50LPA	Soliton ₹ 09.00LPA	HOLLOWSWORLD ₹ 09.00LPA
ks smart ₹ 09.00LPA	₹ 09.00LPA	TECHPLAYR ₹ 09.00LPA
TCS ₹ 09.00LPA	mr.cooper ₹ 08.50LPA	TIGER ₹ 08.50LPA ANALYTICS
₹ 08.40LPA	Rently ₹ 08.00LPA	₹ 08.00LPA
₹ 08.00LPA	₹ 08.00LPA	idp ₹ 08.00LPA INTERNATIONAL DESIGNERS SPECIALISTS

and more...

Placement Highlights: Batch 2021 - 2025

Placements

1843

Internships

3705



Total No. of Students

1278



Multiple Offers

565



Dream Offers

265



Super Dream Offers

205

 JUSPAY ₹ 21.00LPA	 Swiggy ₹ 18.00LPA	 INVISIBLE ₹ 16.30LPA
 Informatica ₹ 12.70LPA	 APPLIED MATERIALS ₹ 12.30LPA	 CATERPILLAR ₹ 12.20LPA
 PEGA ₹ 11.30LPA	 thoughtworks ₹ 11.10LPA	 Soliton ₹ 10.00LPA <small>Vision for a Better World</small>
 RekiSe ₹ 10.00LPA	 PRESIDIO ₹ 09.50LPA	 UHNDER ₹ 09.00LPA
 TATA CONSULTANCY SERVICES ₹ 09.00LPA	 mr.cooper ₹ 08.50LPA	 TIGER ANALYTICS ₹ 08.50LPA
 ₹ 08.40LPA	 KreditBee ₹ 08.00LPA	 Securin ₹ 08.00LPA
 SurveySparrow ₹ 08.00LPA	 TURING ₹ 07.20LPA	 ₹ 07.20LPA
 AVASOFT ₹ 07.00LPA	 TATA TECHNOLOGIES ₹ 07.00LPA	 Cognizant ₹ 06.75LPA

and more...

#lifeatbit





#lifeatbit



#06

Blocks

1137

Rooms

#06

Dining Halls



#07

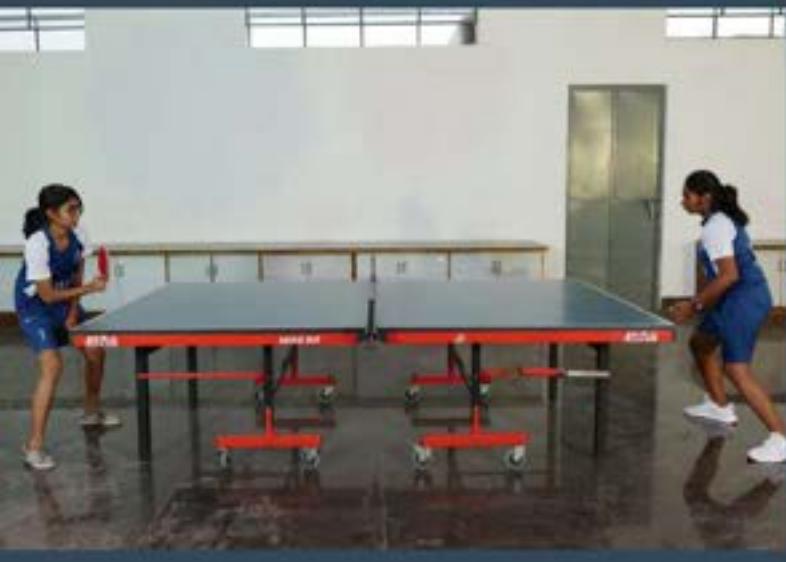
Blocks

637

Rooms

#04

Dining Halls



Sports @ BIT



Athletics | Badminton | Cricket
Ball Badminton | Basketball
Carrom | Chess | Football | Handball
Hockey | Kabaddi | Kho-Kho
Silambam | Table Tennis | Tennis
Throwball | Volleyball

SPORTS IS A PRESERVER OF HEALTH



25 ACRES PLAYGROUND



Clubs and Societies

At Bannari Amman Institute of Technology, over 20+ clubs and societies offer opportunities for students to connect, develop talents, and expand their networks. These organizations cover a range of interests, including art, music, dance, photography, with both in-person and online meetings. Freshers are encouraged to participate and contribute, with many clubs having a Freshman Coordinator role.

The main goals of these clubs are to complement academic work, promote teamwork and governance, and engage in civic, cultural, and social welfare.

Clubs

- Bureau of Opportunities in Education
- Code Circle
- Community Service Club
- Electoral Literacy Club
- Faculty Recreation club
- Fine Arts Club
- Foodture club
- GEO Club
- Great Minds Club
- Industrial Safety Club
- Kani Tamil Peravai
- Leo Club
- Makkal Sindhanai Peravai
- Math Club
- Music Club
- Muthamizh Mandram
- Photo Hub
- Red Ribbon Club
- Rotaract Club
- Science (TEDx) & LDS
- Women Development Cell
- Yoga Club
- Youth Red Cross

Societies

- NCC
- NSS Unit I
- NSS Unit II
- UBA

Anti-Ragging Committee

In compliance with the UGC Regulation on Curbing the Menace of Ragging in Higher Educational Institutions, 2009 (dated June 17, 2009), and the Third Amendment to UGC Regulations (dated June 29, 2016), the institute has adopted stringent measures to ensure the absolute prohibition of ragging in any form. Ragging is defined as any behavior by a student or group of students - whether verbal, written, or physical - that causes harm, distress, or fear, as per UGC guidelines. The institute is fully committed to preventing ragging and takes decisive action against those found involved, in accordance with UGC regulations and applicable laws.

To maintain a ragging-free campus, the institute has established an **Anti-Ragging Committee** and an **Anti-Ragging Squad**. These bodies are tasked with:

- Implementing preventive measures to curb ragging
- Monitoring and addressing any reported incidents promptly and effectively
- Ensuring a safe, supportive, and inclusive environment for all students



NCC



Special Camps Conducted

- Thal Sainik Camp
- Trekking Camp
- Ek Bharat Shreshtha Bharat Camp
- Army Attachment Camp
- Vayu Sainik Camp
- Republic Day Camp
- Inter-Group Camp



Total Number of NCC Cadets: 202

Certification Completed
Cadets with C Certificate: 25
Cadets with B Certificate: 35

**Each cadet completes at least
one annual training camp**



nss



Medical Camp



Blood Donation Camp

Unit I & II



Tribal School Rehabilitation



Tree Plantation

200+
NSS Volunteers
Joined

Highlights

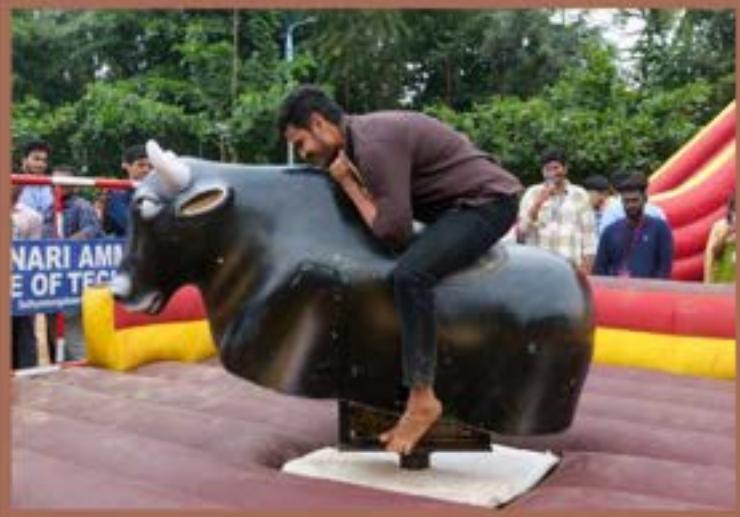
- Impart Business culture and Industrialism from the beginning
- Skill-oriented hands-on training for real-time applications and projects
- Enriched with **36 special laboratories (18 PIC & 18 TDC)** for innovative ideas
- Full sponsorship for project design contests in National & International Competitions
- 181 acres of land with a built-up area of more than 30 lakh sq.ft. green campus
- 24x7 Wi-Fi enabled with 4 Gbps internet connectivity
- RFID-enabled state-of-the-art learning centre built in 85,000 sq.ft. area, on par with international standards
- Campus and hostels with 5S certification, Wi-Fi, Gym, Indoor courts, Laundromat & Safety features
- General amenities include an uninterrupted Power supply, RO water supply, Multi-cuisine cafeteria, Medical centre, Pharmacy, Beauty Spa, Sewage treatment plant, Cooperative store and ATM's
- Sprawling sports facilities over 25 acres including Synthetic courts and Indoor Stadium for Badminton
- Holistic personality development through 20+ clubs and societies
- Bannari Amman Community Radio on Air @90.4 MHz
- College bus facilities





Pongal Vizha







Snacks Vending Machine





Amenities



Gift Shop

CTR-07



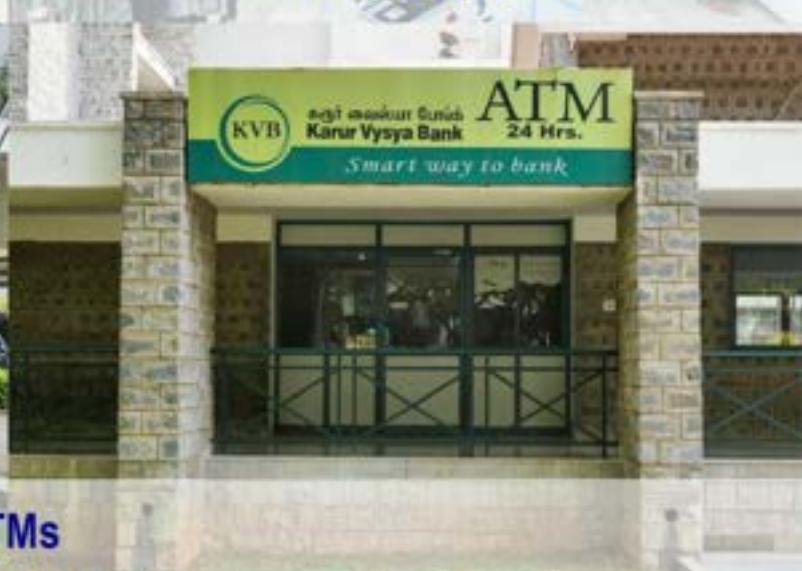
Cooperative Store



Mobile Shop



ATMs



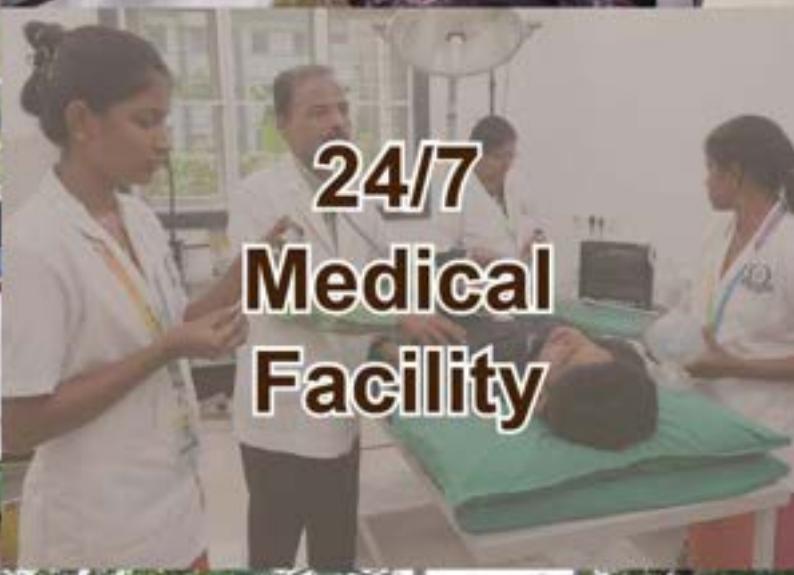
Laundry



Beauty Parlour / Salon



Medical Centre





Transport



Embrace Green Mobility with Electric Shuttles



BIT's transportation system goes beyond mere transit - it fosters a connected, sustainable, and inclusive campus for all. Choose BIT and enjoy a thoughtfully designed network that caters to your needs while championing environmental care and convenience.

Sustainability & Green Initiatives

Solar Power



Solar PV system capacity - 1300 kW

Battery backup system - 100 kW

Local grid tieup system - 1200 kW

Power generation - 13,18,618 units/year

Sewage Treatment Plant



Green Cover in BIT



29000 Trees and flowering shrubs with more than 150 native tree species
8 Miyawaki forest with 200+ species

Rain Water Harvesting Ponds

Total No.: 04 | Total Capacity: 7.39 crore litres

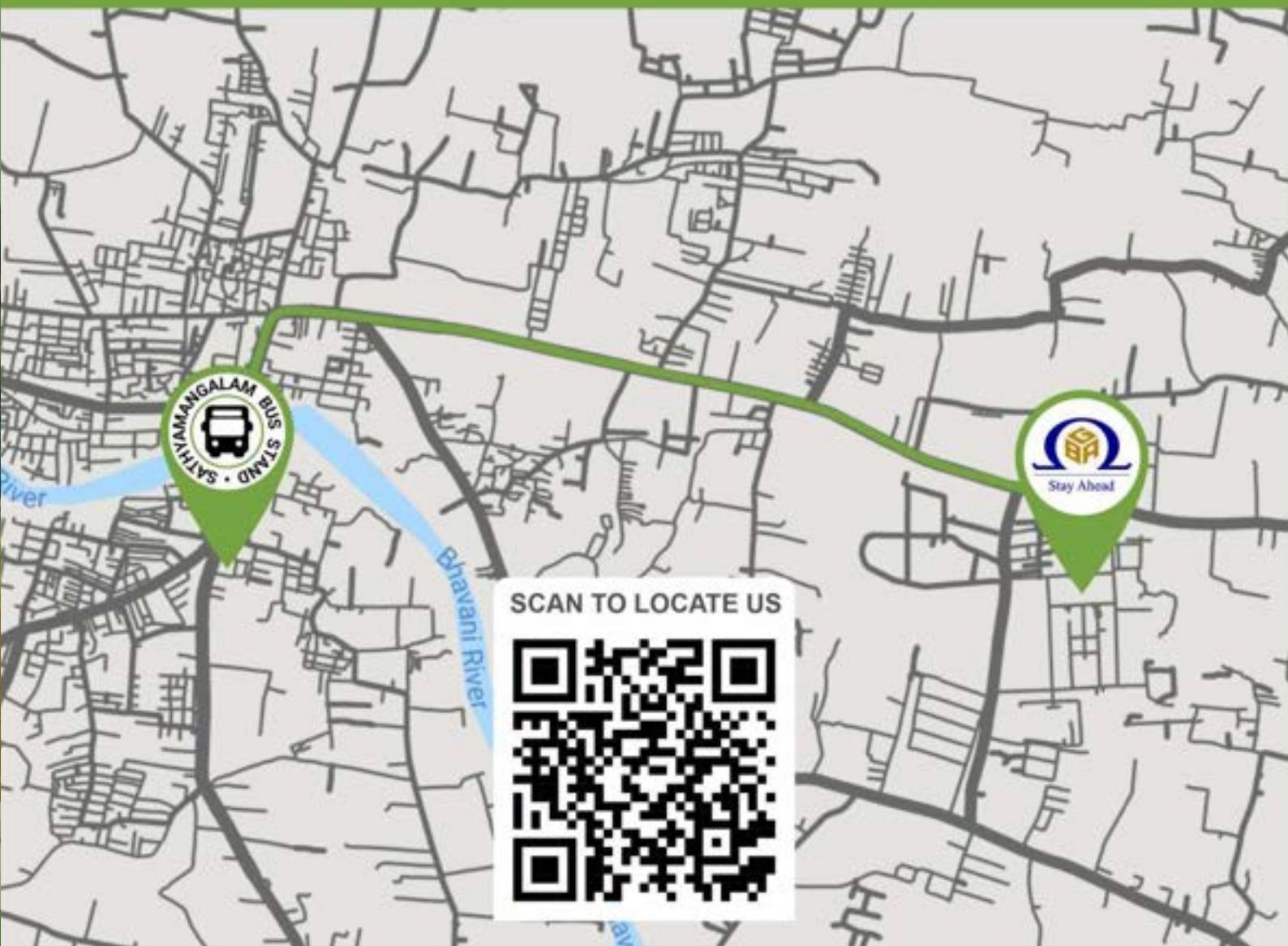


Things to do also @ BIT

Shopping



Tasty Eats



For Details, Contact

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