



COUNSELLING CODE 2702



ON CAMPUS

BANNARI AMMAN INSTITUTE OF TECHNOLOGY



2025 - 2026 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

B Tech (4 years)

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

PG

Programmes

M E (2 years)

- Computer Science and Engineering
- Industrial Safety Engineering

M B A (2 years)

Ph D Programmes

29

Years of
Outstanding
Educational
Leadership

#lifeatbit



ALL ELIGIBLE
PROGRAMMES
ARE ACCREDITED

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





Engrossed Learning Centre





BIT GURUGULAM

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



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



#03
Advanced Skills



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
- Adavcend 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
- App Development
- 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...

NO MORE THEORY - ONLY HANDS-ON EXPERIENCE



Skill Training @ BIT



300+

Day Skills



Learning By Doing



90+

Night Skills



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



SmartMinimaster

Customer Support
1800 212 4343

CE
2001 007 001
SIZE L

ESAB

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



3 AXIS ROBOT



METAL 3D PRINTER



DRONE MANUFACTURING



CNC TURNING CENTRE



WELDING ROBOT



ELECTRONIC MICROSCOPE



CNC DRILLING MACHINE

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



Ms Saraswathy P V

Health and Social Care
Medallion for Excellence | Held in France



Mr Srimannarayana Raju P

Additive Manufacturing
3rd Place | Held in Germany

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

#4
Skills



Mr Pragadeeshwaran R J

Plumbing and Heating
11th Place | Held in Germany



Mr Karthi C

Electronics
14th Place | Held in Switzerland

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

- BIT WorldSkills Training Centre -



Skills
13



29 Medals

🏆	Gold	01
🏆	Silver	02
🏆	Bronze	08
🏆	Medallion for Excellence	18

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



#brics #brics2022 #lifeatbit



Skills
21



84 Medals

🏆 Gold	02
🏆 Silver	05
🏆 Bronze	12
🏆 Excellent Prize Student	62
🏆 Excellent Prize Faculty	03

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

#brics #brics2023 #lifeatbit





🏆 Silver 05
🏆 Bronze 06

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



*Event Ongoing

#brics #brics2024 #lifeatbit



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



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



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



SMART INDIA HACKATHON 2024

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



कवच
KAVACH
2023

साइबर सुरक्षा हैकथॉन
Cybersecurity Hackathon

Winner



TECHoium[®]
Engineering innovators for Tomorrow

**Best Employee's
Choice Award**

TECHNOXIAN
WORLD ROBOTICS CHAMPIONSHIP

Winner





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 Group
BIT – Harita Centre for
Product Development

FESTO

Festo (Germany)
BIT – Festo Centre for
Automation

SICK

Sensor Intelligence.
BIT – SICK
Intelligence Lab



BIT – Centre for
Cyber Physical
Systems



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



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





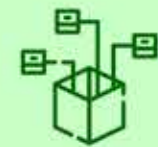
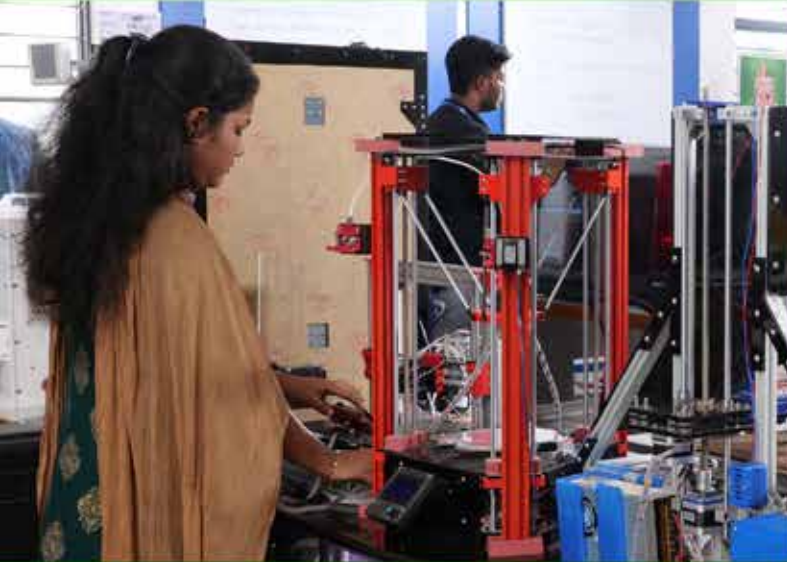
Startup

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



Idea



Planning



Investment



Marketing



Launch

PLATFORM TO CONVERT IDEAS INTO PRODUCTS



BUILD YOUR DREAM TODAY

Placement Highlights: Batch 2020 - 2024

Companies

326

Placements

1619

Internships

3506



Total No. of Students

1204



Multiple Offers

415



Dream Offers

242



Super Dream Offers

199

cādence [®] ₹ 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 ^{AG} ₹ 10.00LPA	RekiSe ₹ 10.00LPA
PRESIDIO [®] ₹ 09.50LPA	Soliton ₹ 09.00LPA Vision for a Better World	HOLOWORLD ₹ 09.00LPA
kssmart ₹ 09.00LPA SOLUTIONS	Ford ₹ 09.00LPA	TECHPLAYR ₹ 09.00LPA
tcs ₹ 09.00LPA TATA CONSULTANCY SERVICES	mr. cooper ₹ 08.50LPA	TIGER ANALYTICS ₹ 08.50LPA
ZOH ₹ 08.40LPA	Rently ₹ 08.00LPA	majes TECHNOLOGIES ₹ 08.00LPA
SPAN ₹ 08.00LPA TECHNOLOGY SERVICES Create. Commit. Conquer.	eunimart ₹ 08.00LPA	idp ₹ 08.00LPA INTERNATIONAL EDUCATION SPECIALISTS

and more...

Placement Highlights: Batch 2021 - 2025



Total No. of Students
1000+

Multiple Offers
360+

Dream Offers
190+

Super Dream Offers
140+

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
TCS ₹ 09.00LPA <small>TATA CONSULTANCY SERVICES</small>	mr. cooper ₹ 08.50LPA	TIGER ANALYTICS ₹ 08.50LPA
ZOHO ₹ 08.40LPA	Cognizant ₹ 08.00LPA	Securin ₹ 08.00LPA
SurveySparrow ₹ 08.00LPA	TURING ₹ 07.20LPA	multicoreware ₹ 07.20LPA
AVASOFT ₹ 07.00LPA <small>SHAPING NEXT GEN</small>	TATA TECHNOLOGIES ₹ 07.00LPA	EXL ₹ 06.50LPA

and it's just the beginning

#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

Nodal Officer : Dr. V. Chelladurai
Contact No. : +91 99444 00589



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

NOT ME BUT YOU - "The best way to find yourself is to lose yourself in the service of others."
- Mahatma Gandhi.

Join the NSS community at BIT to make a difference



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



#lifeatbit





Pongal Vizha







Cafeteria



Snacks Vending Machine



Amenities



Gift Shop



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



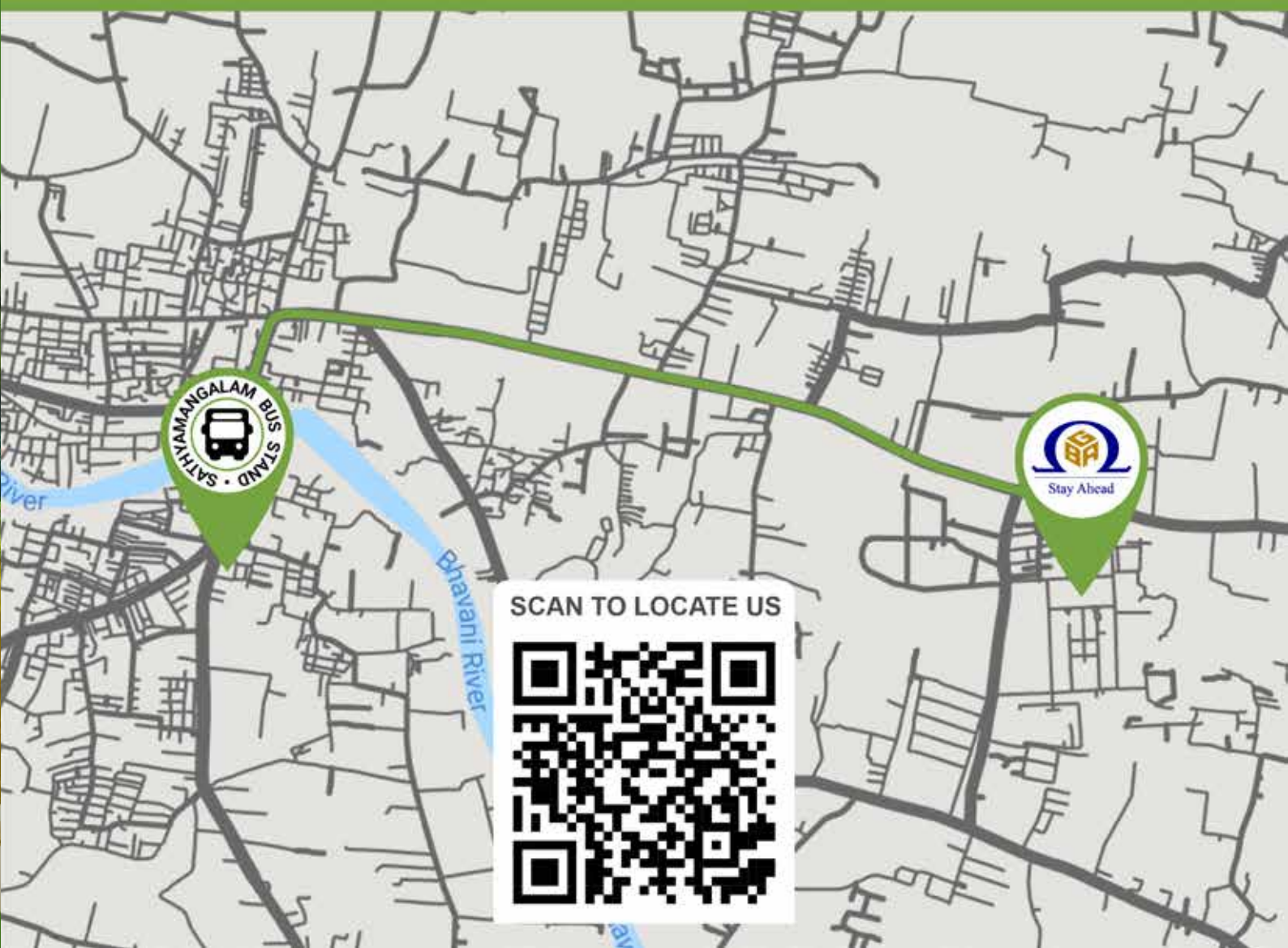
Things to do also @ BIT



Shopping



Tasty Eats



SCAN TO LOCATE US



For Details, Contact

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