





COUNSELLING CODE 2702



ON CAMPUS

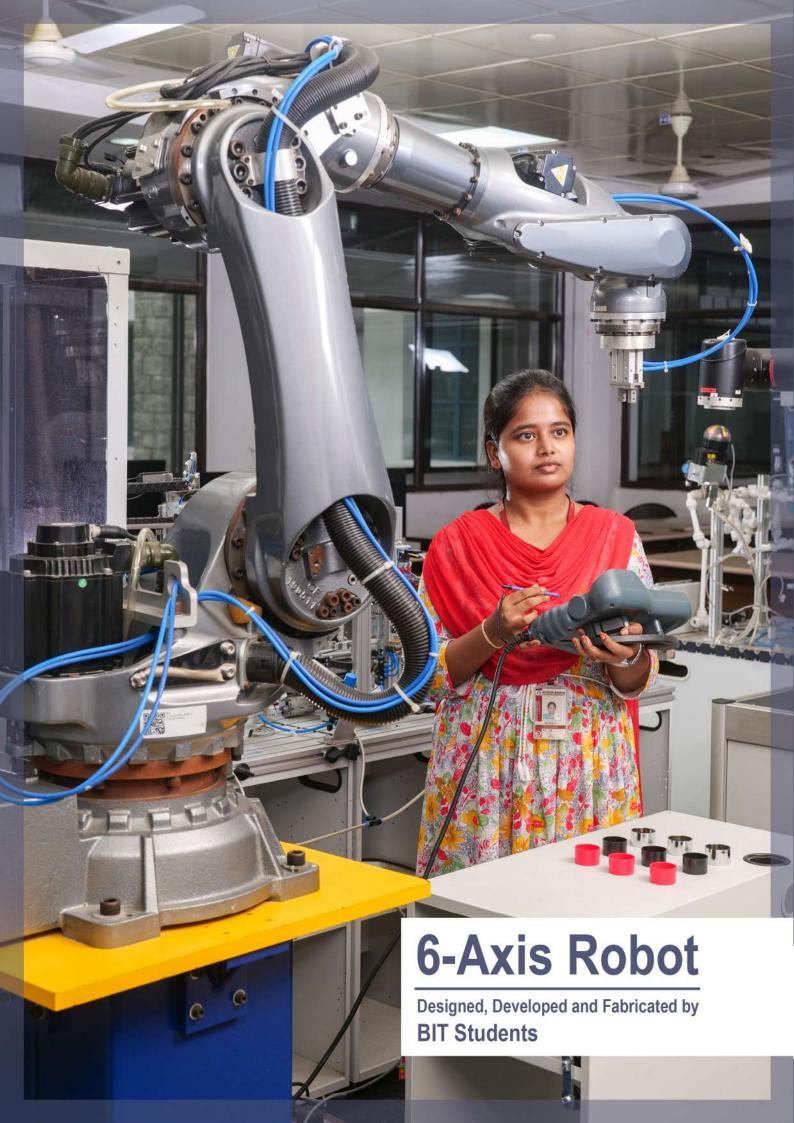
BANNARI AMMAN INSTITUTE OF TECHNOLOGY



2025 - 2026 Information Brochure







UG Programmes

PG

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

#lifeatbit

ME (2 years)

- Computer Science and Engineering
- · Industrial Safety Engineering

MBA (2 years)

Ph D Programmes

29

Years of
Outstanding
Educational
Leadership



ALL ELIGIBLE PROGRAMMES
ARE ACCREDITED







#07 Foundation Skills



#7500+

Students Trained

Mandatory training for all I Year B E / B Tech







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





SUCCESS STARTS WITH DISCIPLINE



BUILDING CONFIDENCE



#7500+

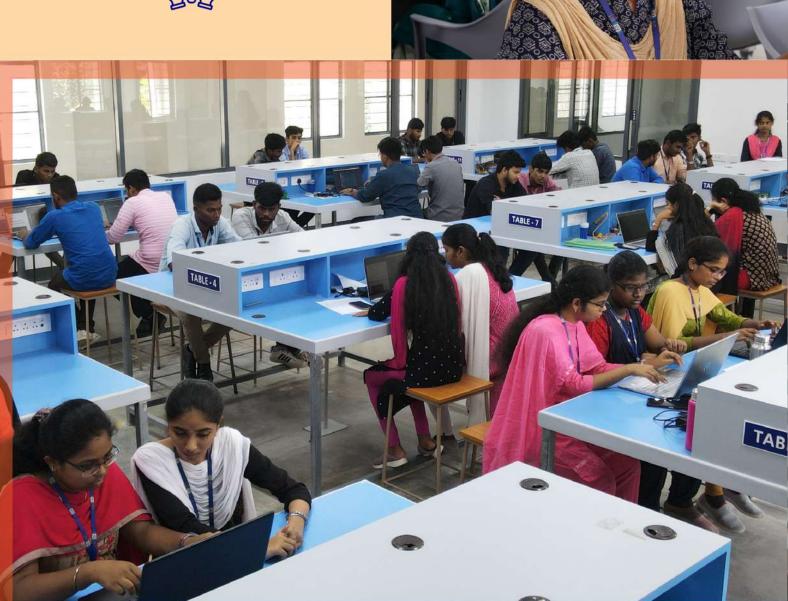
Students Trained

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

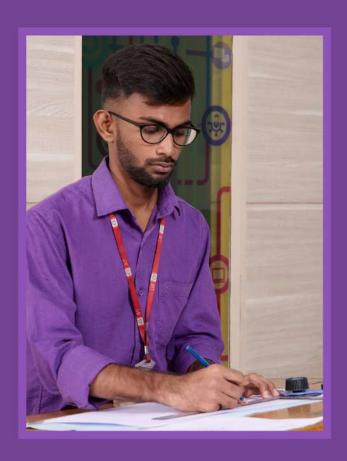


IT Infrastructure



Personalised Competency Development Programme





PCDP is a structured, assessment-driven system designed to develop skills across various domains such as Computer Science, Electrical. Mechanical. Electronics. Skills Biotechnology, and more. 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





Computing Skills

- C Programming
- UI/UX
- Python Programming
- Java Programming
- Database
- Data Structures
- Software Testing
- Networking
- Web Development
- Data Visualization

Electrical Skills

- Electronics for Electricals
- Electrical
- Circuit Debugging

Electronics Skills

- Analog Electronics
- Digital Electronics

Mechanical Skills

- Mechanical Modelling
- Mechanical Measurements

Bio-Tech Skills

- Biochemical Stoichiometry and Biostatistics
- Culturing and Molecular Techniques

Agri Skills

Irrigation Engineering

General Skills

- Aptitude
- Problem Solving
- Behavioural Analysis
- Physical Fitness
- Intellectual Property Rights (IPR)
- New Product Development and Innovations
- Communication

Skill Training @ BIT

300+
Day Skills





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 !!!





Student-fabricated FFS Race Car 2023 won first place

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



Highlights:

- 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
- Industry Collaboration: Partnerships with top tech companies for insights and mentorship
- Global Exposure: Seminars, hackathons, and lectures with global experts

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













Factory Production Traceability Software



IoT Embedded Board

Autonomous Mobile Robot

Student **Participation**



National / International Competitions

3293



Patent Journal **512 2223**



National / International Conference Presentation

2590



Products Developed 504





Online Courses

3421



Internship

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









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

- Al 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
- · PLC
- Power Electronics
- Sensor
- Servo Motion Control System
- Software Development
- Variable Frequency Drive
- VLSI & FPGA
- Web Technology





Mr Srimannarayana Raju P
Additive Manufacturing
3rd Place | Held in Germany

Ms Saraswathy P V
Health and Social Care
Medallion for Excellence | Held in France

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

#4 Skills







"Learning New Skills Can Change Your Life"

- BIT WorldSkills Training Centre -





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

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



Skills 13



29 Medals

8 Gold 01

Silver 02

8 Bronze 08

Medallion for Excellence 18







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



% Gold 02

8 Silver 05

8 Bronze 12

Excellent Prize 62

Excellent Prize 03









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



- 11 Medals
- 8 Silver 05
- **8 Bronze 06**





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
- They secured 9 awards in the hardware edition and 2 awards in the software edition





Winners



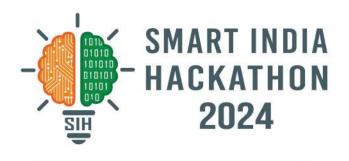
Team Agastrix secured the first prize, earning a cash reward of ₹ 50,000 <=

clinched the top receiving a cash award of ₹ 1 lakh

Innovate Create Transform







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 the 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, SAFEGUARDING THE FUTURE, AND 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



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







Best Employee's Choice Award

TECHNOXIAN WORLD ROBOTICS CHAMBIONSHIP

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







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







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



Multiple Offers

415



Dream Offers

242



Super Dream Offers

199

cādence° ₹16.00LPA	ANALOG ₹15.00LPA	COMMSCOPE° ₹ 14.00LPA
Informatica ₹11.50LPA	APPLIED ₹11.40LPA	/thoughtworks ₹11.00LPA
TurboComply ₹10.00LPA	S software № ₹ 10.00LPA	RekiSe ₹10.00LPA
PRESIDIO° ₹09.50LPA	Soliton Vision for a Better World	HOLO WSRLD ₹ 09.00LPA
S KS SMORT ₹ 09.00LPA	<i>Ford</i> ₹ 09.00LPA	TECHPLAYR ₹ 09.00LPA
CONSULTANCY ₹ 09.00LPA	cooper ₹08.50LPA	TIGER ₹ 08.50LPA
₹ 08.40LPA	Rently ₹08.00LPA	₹ 08.00LPA
SPAN TICHNOLOGY SERVICES Create. Commit. Cander. ₹ 08.00LPA	₹ 08.00LPA	Zidp INTERNATIONAL ₹ 08.00LPA

Placement Highlights: Batch 2021 - 2025













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 Vision for a Better World	₹ 10.00LPA
RekiSe	₹ 10.00LPA	PRESIDIO	₹ 09.50 LPA	\$ UHNDER	₹ 09.00LPA
CONSULTANCY SERVICES	₹ 09.00LPA	\mathbf{cooper}	₹ 08.50LPA	TIGER	₹ 08.50 lpa
Z O H O	₹ 08.40LPA	Cognizant	₹ 08.00LPA	Securin	₹ 08.00LPA
SurveySparrow	₹ 08.00LPA	TURING	₹ 07.20LPA	multicoreware	₹ 07.20LPA
AVASOFT SHAPING NEXT GEN	₹ 07.00LPA	TATA TECHNOLOGIES	₹ 07.00LPA	EXL	₹ 06.50LPA

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#06 Blocks **1137** Rooms

#06
Dining Halls











#07
Blocks

637 Rooms #04
Dining Halls













SPORTS IS A PRESERVER OF HEALTH











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, and 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

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

रा के को NCC । एकता और अनुशासन

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



SSZ







Blood Donation Camp

10+
Blood Donation
Camps

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



200+ NSS Volunteers Joined

Societies **E**

- NCC
- NSS Unit I & Blood Donation

- NSS Unit II
- UBA







Pongal Vizha

























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.







































BIT - Centre for Robotics















Centre















BIT - Centre for Metal 3D Printing



Structure analysis

ProtoHubs.io

ProtoHubs.io

Ideate Innovate Implement

BIT - AR/VR product
development





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















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 55 clubs and societies
- ➤ Bannari Amman Community Radio on Air @90.4 MHz
- ➤ College bus facilities











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 PV system capacity - 1300 kW

Battery backup system - 100 kW

Local grid tieup system - 1200 kW

Power generation - 13,18,618 units/year



Green Cover in BIT



29000 Trees and flowering shrubs with more than 150 native tree species



Things to do also @ BIT

Shopping













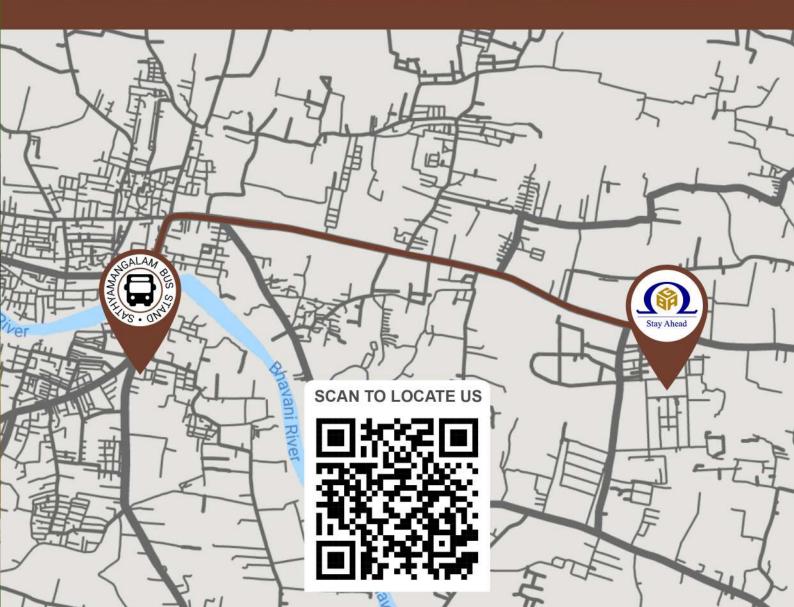














Bannari Amman Institute of Technology

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