

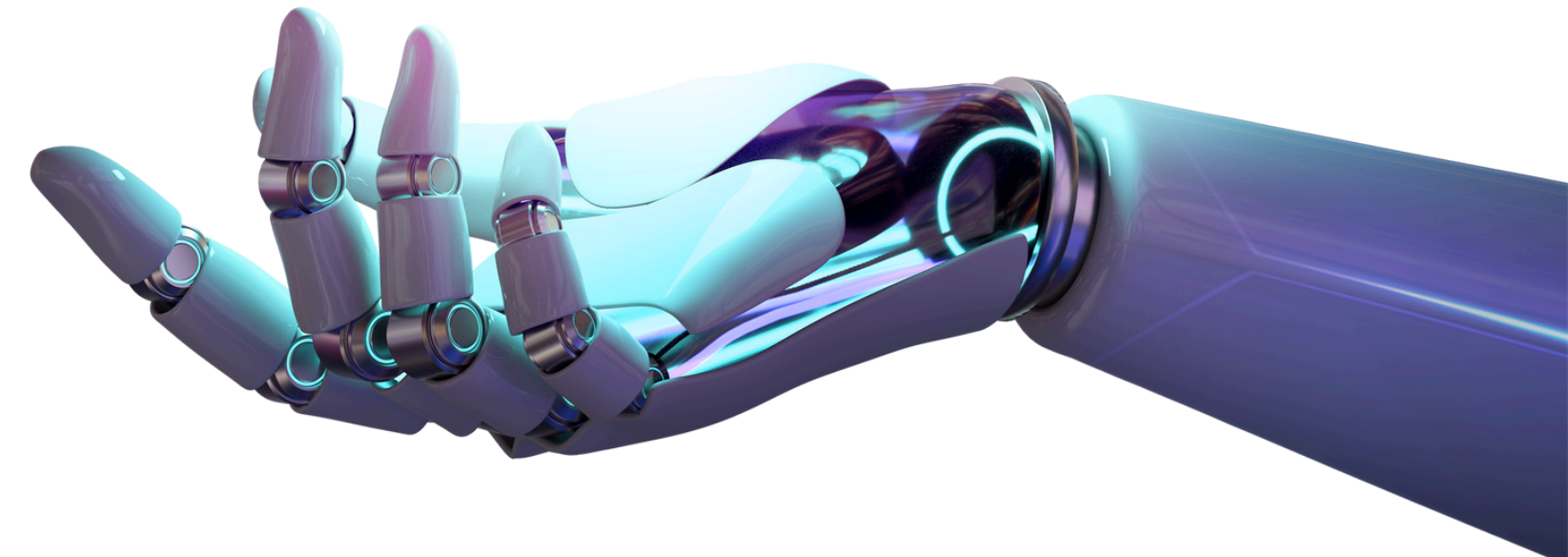
TAMILNADU FUTURE TECHNOLOGY HUB

powered by





ASIA's first fully
integrated cutting-edge
Tech Hub, uniting **7 emerging
technologies** under one roof,
spanning 10 locations across
Tamil Nadu.



Introduction

The Tamil Nadu Government's Department of Information Technology & Digital Services (IT&DS) aims to contribute 10% towards the state's \$1 trillion economy target by 2030. To achieve this, IT&DS will focus on expanding IT/ITeS services in Tier 2 and Tier 3 cities, tapping into the growing talent pool. The department, in collaboration with the "Council for the Future of IT," has identified key growth areas and enablers to scale up from the current \$20 billion to \$100 billion by 2030. This initiative will create 25 lakh high-income jobs, fostering inclusive growth and aligning with the aspirations of Tamil Nadu's youth.

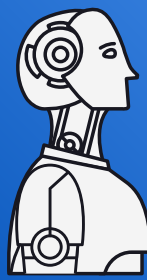




Our Mission

The Core mission of Tamil Nadu Future Technology Hub is to support and promote technological innovation, entrepreneurship, and economic growth in a Technology industry. This involves creating an ecosystem that fosters the development and adoption of new technologies, attracting and retaining talent, and facilitating collaboration among various stakeholders, such as startups, established companies, investors, academic institutions, and government agencies.

Key Features



Emerging Technology Labs

AI, Cyber Security, Drone, EV, IOT & Sensors, 5G and ERP.



Start-up Support Center

Support for startups with funding, legal, and business resources.



Corporate Experience & Collaborations

Global partnerships for advanced research and education.



Overseas University Connecting Center

Global partnerships for advanced research and education.



Incubation & Innovation Center

Collaborative environment with high-speed internet, meeting rooms, and printing.



Internships and career guidance center

Campus drives, Placement Assistance, global Internships.

TNFTH LABS



Artificial Intelligence



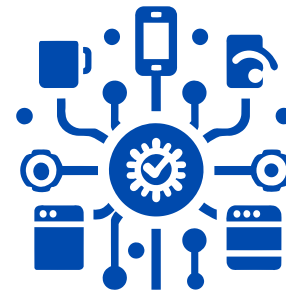
Cyber Security



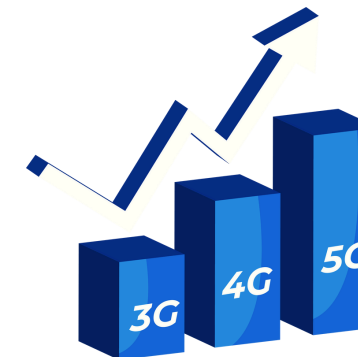
Drone Technology



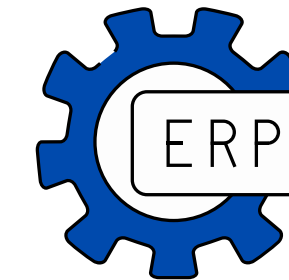
Electric Vehicle



IOT & Sensors



5G Technology



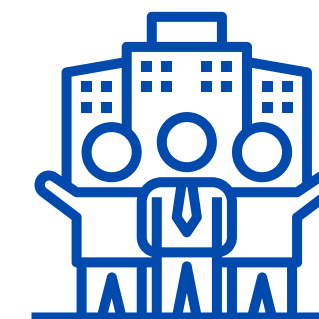
ERP systems



**Corporate Gateway
Lab**



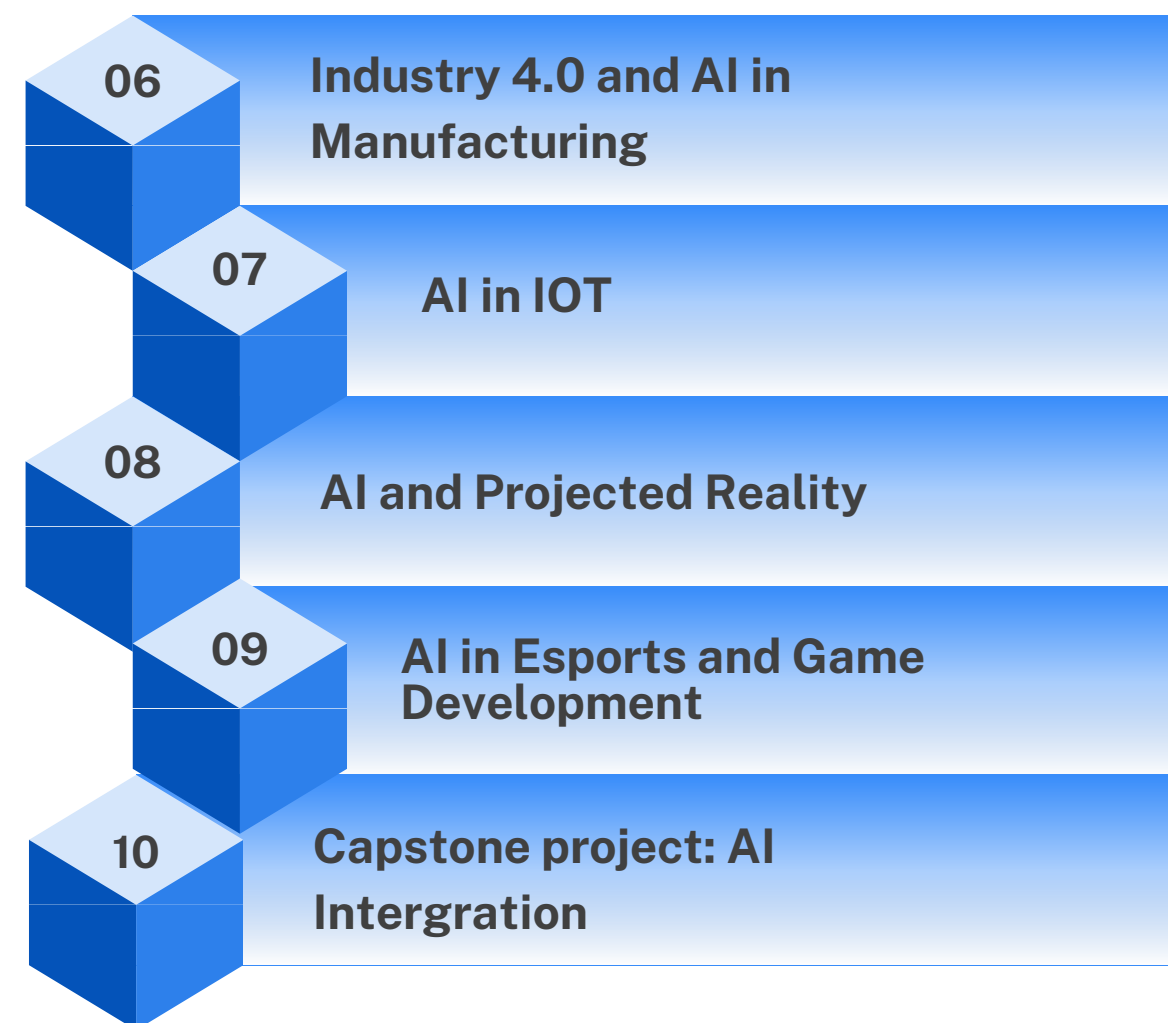
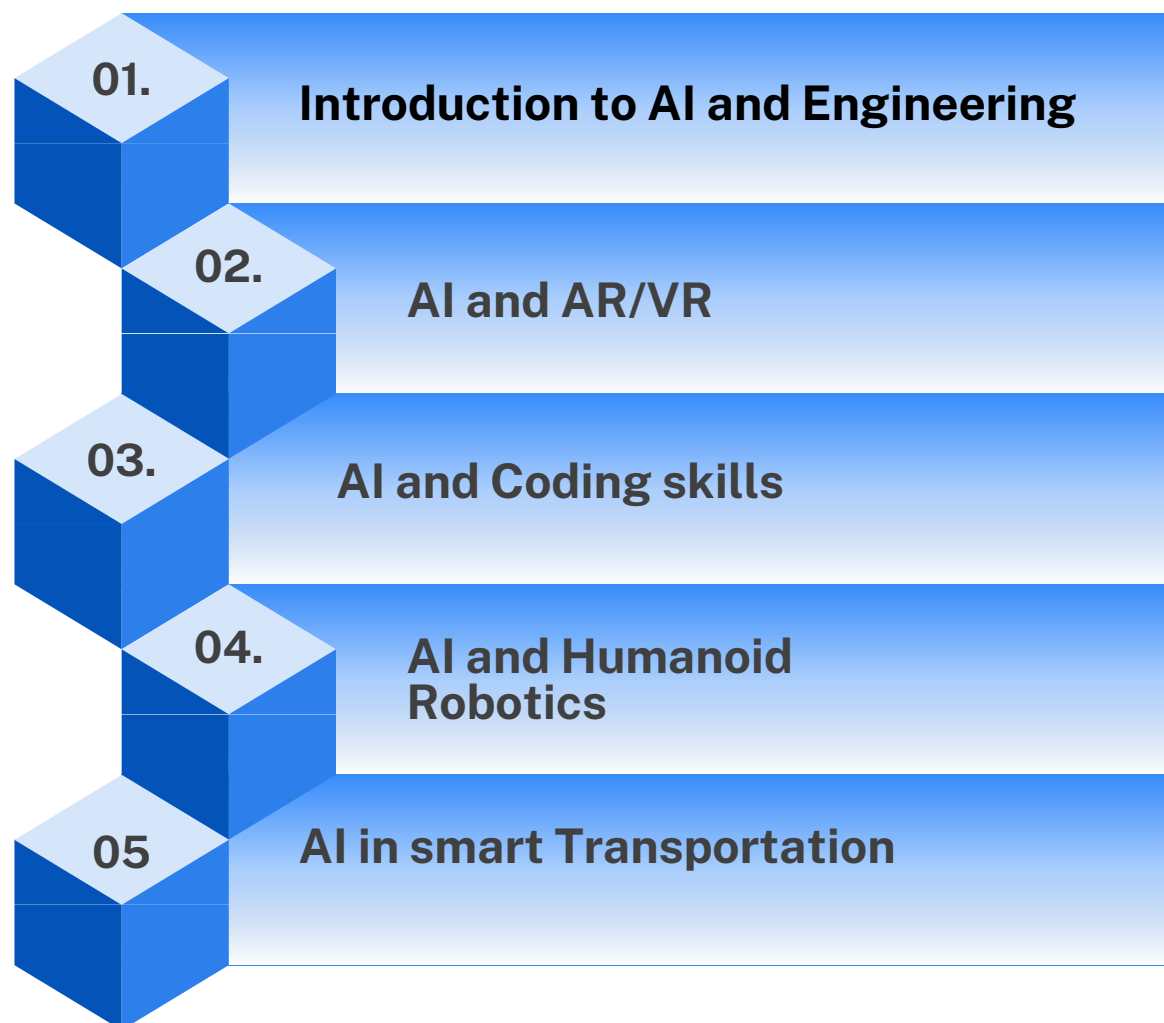
**Corporate Experience
Center**



Start-up Support Center

Artificial Intelligence

Topics Covered



Cyber Security

Topics Covered

01

Introduction to Cybersecurity.

02

Networking Fundamentals

03

Wireless and RF Hacking

04

Cryptography and Encryption

05

IoT Security and Device Hacking

06

Social Engineering

07

Advanced Penetration Testing

08

Digital Forensics

09

Red Team vs Blue Team

10

Capstone Project



Drone Technology

Topics Covered

01

Drone Pilot Training

02

Real-Time Use Cases

03

Drone Manufacturing

04

Drone Assembly Line

05

Drone Repair and
Services



Electric Vehicle Ecosystem

Topics Covered

01

Introduction to
Electric Vehicles

Vehicle Dynamics and
Control Systems

06

02

EV Powertrain and
Components

Environmental and
Regulatory Aspects

07

03

Battery Management
Systems (BMS)

EV Safety and
Maintenance

08

04

Energy Storage and
Regeneration

Career Opportunities
in EV Industry

09

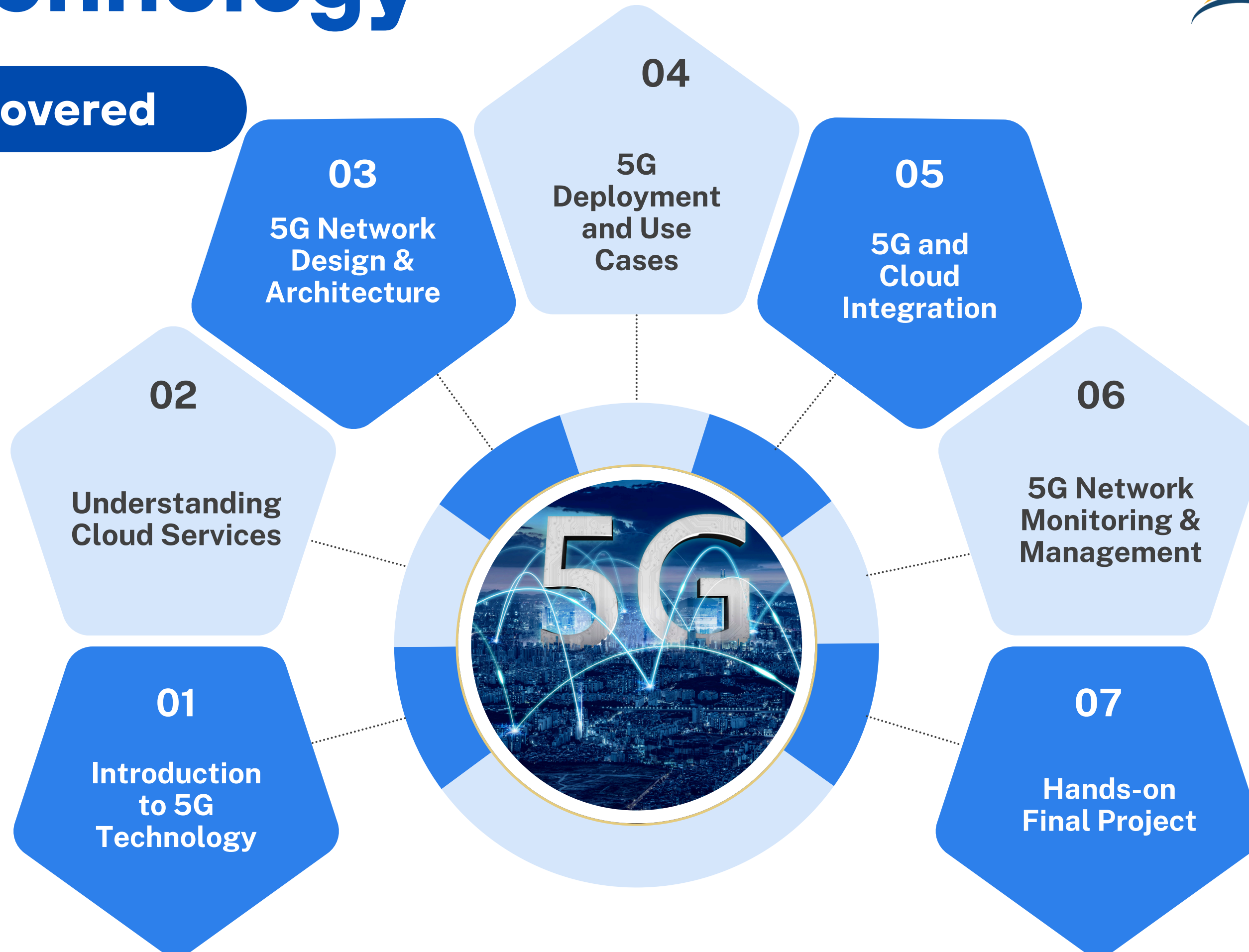
05

EV Charging
Infrastructure



5G Technology

Topics Covered



ERP Systems

Topics Covered

Introduction to ERP

01

ERP Applications in
Business

02

ERP Modules Overview

03

Sales Module

04

Purchase Module

05





Corporate Gateway Lab

To equip students with essential life skills, behavioral competencies, and workplace readiness to succeed in corporate environments, bridging the gap between technical expertise and professional excellence.

Key Components

- ✓ Life Skills Development
- ✓ Behavioral Skills Enhancement
- ✓ Corporate Job Preparedness

CORPORATE EXPERIENCE CENTER

Benefits for students

- Exposure to Real-World Applications
- Skill Alignment with Industry Needs
- Motivation for Entrepreneurship



Implementation Approach

- Corporate Partnerships
- Student Engagement
- Integration with Academic Programs



Deliverables and Outcome

- Knowledge outcomes
- Upskilling
- Networking Opportunities



Monitoring and Evaluation

- Feedback Mechanism
- Success Metrix





Start-up support Center

To nurture entrepreneurship by providing aspiring startups with the tools, knowledge, and resources needed to succeed in the technology sector.

Key courses

- ✓ Entrepreneurship Fundamentals
- ✓ Innovation and Critical Thinking
- ✓ Startup Incubation Support
- ✓ Technology-Specific Tracks
- ✓ Scaling and Market Strategies

LET'S CONNECT WITH US!

☎ **+91 97916 12129**

✉ **Info@a2000india.com**

🌐 **www.a2000india.com**



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WE ARE ABOUT SOLUTIONS