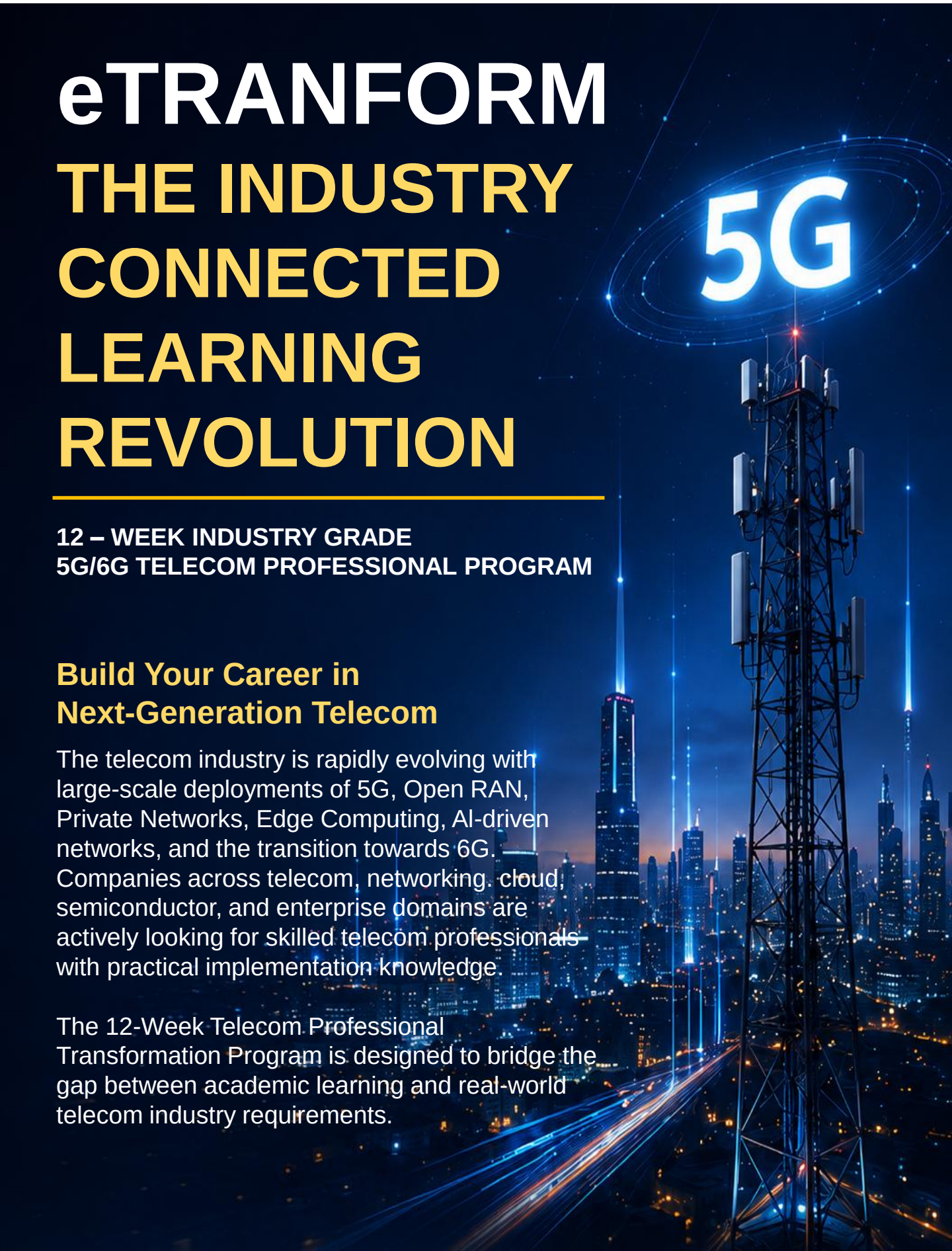
TechPhosis
Technology Metamorphosis Pioneers

eTRANFORM

THE INDUSTRY CONNECTED LEARNING REVOLUTION



12 – WEEK INDUSTRY GRADE
5G/6G TELECOM PROFESSIONAL PROGRAM

Build Your Career in Next-Generation Telecom

The telecom industry is rapidly evolving with large-scale deployments of 5G, Open RAN, Private Networks, Edge Computing, AI-driven networks, and the transition towards 6G. Companies across telecom, networking. cloud, semiconductor, and enterprise domains are actively looking for skilled telecom professionals with practical implementation knowledge.

The 12-Week Telecom Professional Transformation Program is designed to bridge the gap between academic learning and real-world telecom industry requirements.

Industry-Focused Training → Hands-On 5G/6G Labs → Expert Mentorship → Industry Certifications → Career Transformation

LEARN. PRACTICE. DEPLOY. SUCCEED.

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PROGRAM HIGHLIGHTS

What Makes This Program Different ?

INDUSTRY-FOCUSED CURRICULUM

Learn practical telecom concepts used by operators, OEMs, system integrators, and telecom software companies

HANDS-ON 5G LABS

Gain real implementation exposure:

- SG Core
- Open RAN Components
- CU/OU Architectures
- UE Simulation
- Network Monitoring Tools
- Traffic Analysis
- Network Configuration
- Cloud-Native Telecom Platforms
- Deployment and Integration Environments

INDUSTRY MENTORSHIP

Learn directly from telecom professionals with practical deployment and product development experience

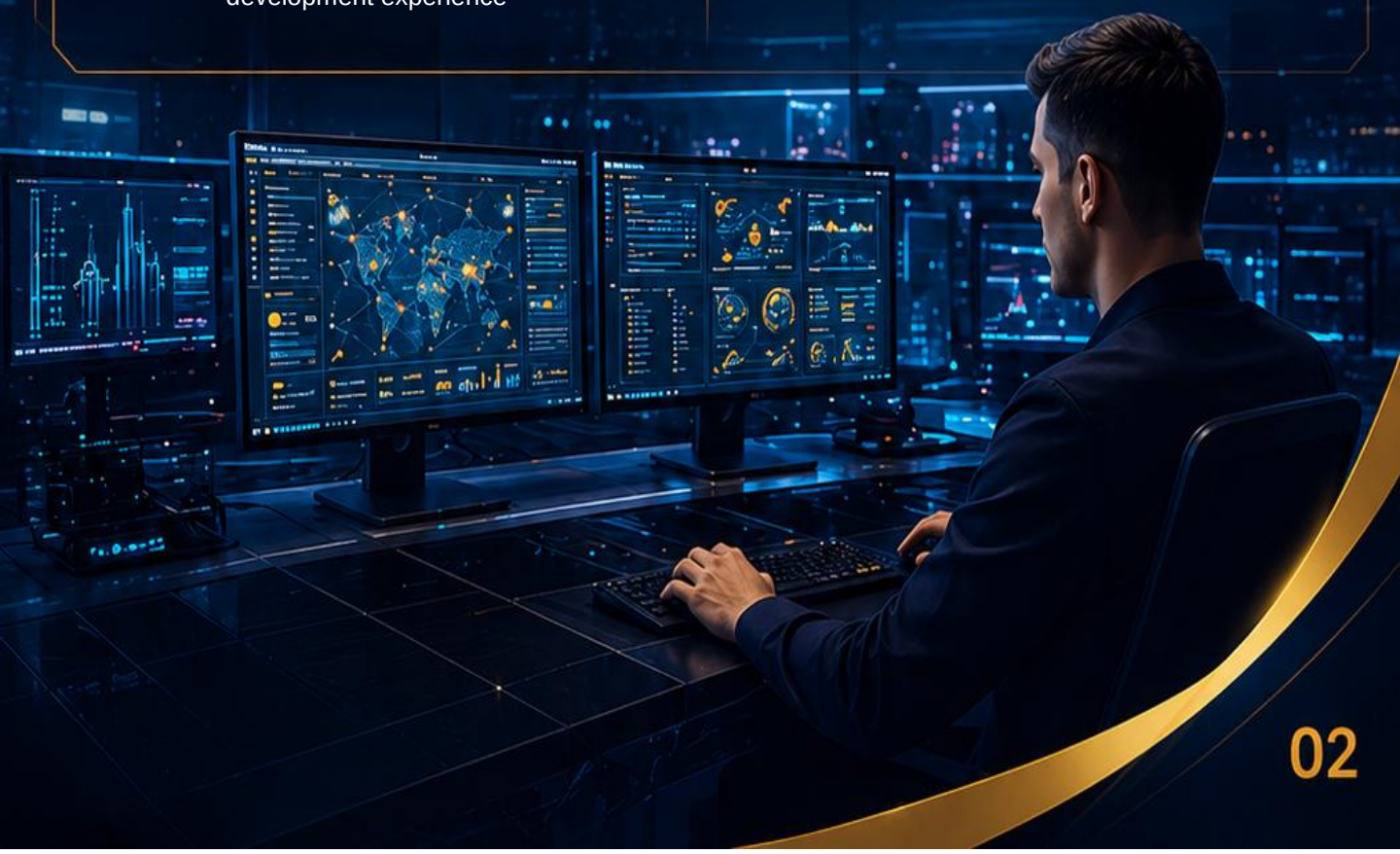
REAL TELECOM ARCHITECTURE UNDERSTANDING

Master end-to-end understanding:

- RAN Architecture
- SG Core Architecture
- NSA & SA Deployments
- Signaling Flows
- Protocol Stack
- Mobility Management
- QoS Management
- Network Slicing
- Edge Computing
- O-RAN Concepts
- SG Advanced Evolution
- Open API & Service-Based Arc,
- Private 5G Network Deployments
- AI/ML in Telecom Networks
- Cloud Native Networks

CAREER TRANSFORMATION FOCUS

The program is designed not just for learning, but for improving employability and preparing candidate for telecom industry roles.



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PROGRAM STRUCTURE

DURATION

12 Weeks
Intensive Program

MODE

- Classroom Training
- Live Instructor-Led Sessions
- Practical Lab Sessions

CERTIFICATION

- Industry Aligned Program Completion Certifications
- Internship Certification
- Career Facilitation

DETAILED CURRICULUM OVERVIEW

1 WEEK 1
Telecom Fundamentals

- Evolution from 2G to 5G
- Telecom ecosystem overview
- Mobile network basics
- Wireless communication fundamentals
- Introduction to telecom protocols

2 WEEK 2
LTE & 5G Fundamentals

- LTE architecture overview
- Transition from LTE to 5G
- NSA vs SA architecture
- Introduction to 5G use cases
- 5G spectrum concepts

3 WEEK 3
RAN Architecture

- gNB architecture
- CU/DU split concepts
- RAN interfaces
- Massive MIMO basics
- Beamforming concepts
- O-RAN overview

4 WEEK 4
5G/6G Core

- Service Based Architecture
- AMF, SMF, UPF functions
- Authentication flows
- Network slicing basics

5 WEEK 5
Protocols & Signaling

- NAS signaling
- RRC procedures
- Registration flow
- PDU session establishment
- Mobility procedures

6 WEEK 6
Cloud Native Telecom

- Containers and Kubernetes
- CNFs and VNFs
- Telecom virtualization
- Cloud-native deployments
- Edge computing concepts

7 WEEK 7
Hands On Integration Labs

- 5G Core deployment
- CU/DU integration
- UE onboarding
- Traffic generation
- Monitoring and troubleshooting

8 WEEK 8
Open- RAN 5G Advanced

- O-RAN architecture
- Near-RT RIC concepts
- xApps and rApps overview
- AI/ML in telecom
- 5G Advanced/ Migration to 6G

9 WEEK 9
Industry Use Cases & Project

- Private 5G networks
- Smart manufacturing use cases
- Robotics and automation
- Smart city applications
- Mini telecom project execution

10 WEEK 10
Career Readiness/ Assessment

- Technical assessments
- Lab evaluations
- Mock interviews
- Resume guidance
- Telecom career roadmap
- Final certification

WEEK 11/12
Industry Facilitation

- Advance Skill Polishing
- Real-World use case simulations
- Interview preparation and mentorship

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WHO SHOULD JOIN?

FRESH ENGINEERING GRADUATES

- Electronics & Communication
- Computer Science
- Electrical Engineering
- Information Technology
- Instrumentation Engineering

EARLY CAREER PROFESSIONALS

- Software Engineers
- Network Engineers
- IT Professionals transitioning to telecom
- Telecom support engineers

STUDENTS SEEKING TELECOM CAREERS

- Final-year B.Tech students
- M.Tech students
- Polytechnic diploma students

PROFESSIONALS LOOKING TO UPSKILL

- Networking professionals
- Cloud professionals entering telecom
- Engineers interested in 5G and Open RAN

CAREER OPPORTUNITIES AFTER COMPLETION

- 5G Engineer
- Telecom Software Engineer
- Network Integration Engineer
- RAN Engineer
- Telecom Test Engineer
- Open RAN Engineer
- Core Network Engineer
- Deployment Engineer
- Cloud Telecom Engineer
- Telecom Support Engineer

BENEFITS OF THE PROGRAM

Practical Industry Exposure
Move beyond theory with real deployment-oriented labs and workflows.

Improved Employability
Build skills aligned with current telecom hiring requirements.

Strong Foundation in 5G
Gain deep technical understanding of next-generation telecom technologies

Hands-On Learning
Work on real telecom systems and integration environments

Expert Guidance
Interact with experienced telecom architects, developers, and integration professionals

Industry Certification
Receive a professional certificate upon successful completion

Networking Opportunities
Connect with telecom professionals and peers

Project Experience
Develop mini-projects and practical implementation exposure

INDUSTRIES HIRING TELECOM TALENT

- Telecom Operators
- Telecom OEMs
- System Integrators
- Telecom Product Companies
- Networking Companies
- Cloud & Edge Companies
- Semiconductor Companies
- Enterprise Private 5G Integrators

CERTIFICATION

Participants who successfully complete the program and assessments will receive:

Certificate of Completion
Recognizing successful completion of the 10-week Telecom Professional Transformation Program

Practical Lab Participation Certificate
Recognizing hands-on telecom lab and integration exposure

FEE STRUCTURE

Program Duration	12 Week
Training Mode	Classroom+Practical
Lab Access	Included
Study Material	Included
Certification	Included
Industry Mentorship	Included
Standard Fee (industry)	INR 1,15, 000 + GST
Fee For Students (Special Pricing)	INR 29, 495 + GST

WHY TELECOM IS A GREAT CAREER OPPORTUNITY

- 5G rollout across global markets
- Private enterprise networks
- Open RAN deployments
- AI-driven telecom automation
- Smart manufacturing and Industry 4.0
- Edge computing and cloud-native telecom
- Upcoming 6G research and development

PROGRAM DELIVERABLES

- Structured training sessions
- Hands-on lab exposure
- Practical assignments
- Industry-oriented mini projects
- Technical mentoring
- Course material

BATCH ENROLLMENT PROCESS

1. Submit Application
2. Screening Interaction
3. Fee Confirmation
4. Batch Onboarding

CONTACT INFORMATION

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