CINIF TECHNOLOGIES PUBLIC LIMITED

A VENTURE OF CINIF GROUP OF COMPANIES, INDIA

PROFILE

CTL is a Public Limited Company under the Companies Act, 2013.CINIF Technologies Limited is registered under Ministry of Corporate Affairs, GOI. CTL has strategic business alliances for broad spectrum of products and services which allows us to offer most cost effective solutions to the customers & we provide Telecom solutions.

CTL is one of the world's leading communication service providers. Focused primarily on the telecommunication industries, CTL is a leading global systems integrator and business transformation consulting group.

CINIF Group of Companies is in various sectors as Telecom, Education services, Formulation, Securities and Insurances. We aim at raising standard of professionalism within the training industry and creating standards of excellence against which candidates are measured.

Network Management Services training programs are continuously striving for the excellence in practical knowledge, training and development in the field of telecom technology. Our development team has range of knowledge and experience and always completes project in time. The company employed experienced, hard working responsible professional in different areas of knowledge.

OUR MISSION

- Our focus is to deliver a world class customer experience, while ensuring the quality of our services and maintaining a cost efficient structure.

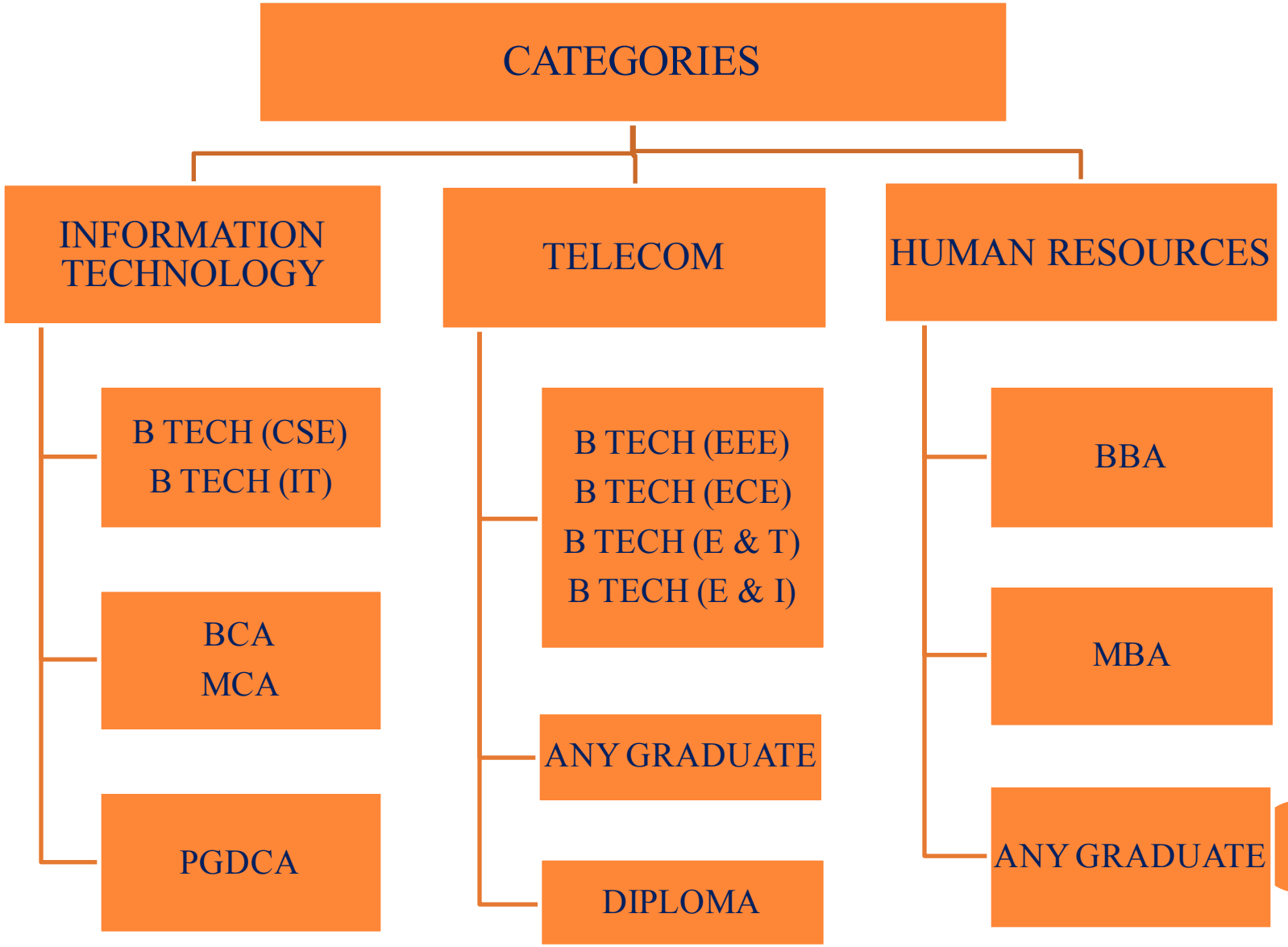
- *CTL* is a company with a global strategy, but wherever we operate we act as a local company.

OUR VISION

Integrity and Code of Conduct

- *Flexible process to meet clients business style and to build trust based relationship.*
- *It is our policy not to disclose any information about our clients to any other person or organizations.*
- *The information we received will be used only for which our client provided to us.*
- *To deliver solutions covering the entire value chain of the telecom industry.*

OUR TRAINING CATEGORIES



TELECOMMUNICATIONS

The world of telecommunication is changing constantly. New technologies become available for implementation and spark opportunities for new services. As a result, business and markets have to adapt to these developments. C T L (Cinif Technologies Limited) is a telecommunication company offering up-to-date training courses based on knowledge and expertise that is gained by our trainers in working with the latest developments in the telecommunication market.

The trainers are actively involved in the telecommunications industry and are up-to-date with the new business developments and new technologies. Their knowledge is far more than just textbook knowledge, they gained lots of their expertise in carrying out projects and assignments for customers. The trainers will discuss cases in the training and will explore the theory of telecommunications using examples from daily practice.

Depending on the objectives of our clients we present a broad range of subjects in the training programs.

TELECOM MODULES

IMPLEMENTATION & INSTALLATION

- LAN-LOCAL AREA NETWORK
  HAM – HOME AREA NETWORK
  SAM - STORAGE AREA NETWORK
  WLAN – WIRELESS LOCAL AREA NETWORK
  CAN - CAMPUS AREA NETWORK
- MAN-METROPOLITAN AREA NETWORK
- WAN-WIDE AREA NETWORK
- PAN-PERSONAL AREA NETWORK
- IAN–INTERNET AREA NETWORK

BASIC TELECOMMUNICATION

M2: GSM

GSM ARCHITECTURE
GSM PROTOCOLS
GSM CHANNELS
GSM SERVICES
GSM CELLS
GSM HARDWARE
GSM FREQUENCY BANDS
GSM PLANNING & OPTIMIZATION

M3: ANTENNA SYSTEM

ANTENNA PRINCIPALS
ANTENNA PROPERTIES
ANTENNA TYPES
WIRELESS TRANSMISSION
RADIO PROPAGATION

BASIC TELECOMMUNICATION

M4: RF PLANNING

- RF SURVEY
- LOS SURVEY
- FREQUENCY PLANNING
- PLANNING PARAMETERS
- TRASMISSION SURVEY
- COVERAGE & CAPACITY PLANNING

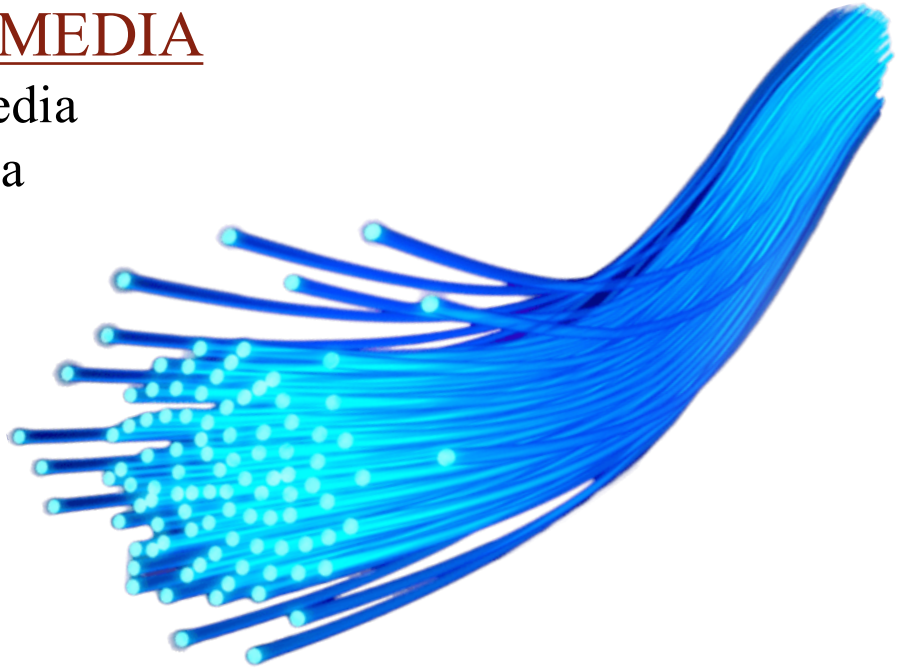
BASIC TELECOMMUNICATION

M5: TRANSMISSION TECHNOLOGIE

- Transmission Media
- Multiplexing & Applications
- Optical Transport Network
- Switching Technologies

M6: TRANSMISSION MEDIA

- Wireless transmission Media
- Wired transmission media
- Twisted pair cable
- Coaxial cable
- Optical fiber



M7: DATA SERVICES

- GPRS
- GPRS Architecture
- GPRS Data Flow
- EDGE
- VAS

BASIC TELECOMMUNICATION

CONT…

M8: NETWORKING CONCEPTS

- OSI Model
- TCP/IP Model
- Network Layers
- Internet Protocol
- Network Sub netting
- Routing Process
- Virtual LAN (VLAN)
- IPV4 & IPV6
- Wireless Technology & Standards

BASIC TELECOMMUNICATION

CONT…

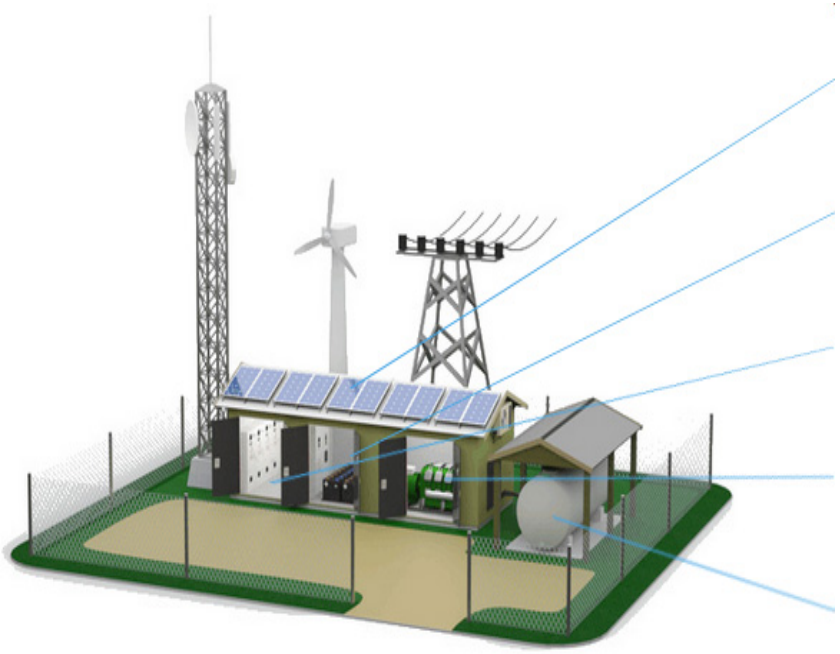
M9: NETWORK SECURITY & THREATS

- Introduction to Network Security
- Types of Security Threats
- Network Security Concepts
- Network Security Management
- Application Security

BASE STATION SUBSYSTEM (BSS) IMPLEMENTATION

M10: BTS

- BTS Hardware Installation & Connectivity
- BTS Commissioning/Integration
- BTS Alarm Troubleshooting
- BSC Hardware Installation



M11: Site Surveys

- LOS Survey
- RF Survey

M12: Drive Test

- Drive Test Process
- Drive Test Parameters
- Collection & Post-processing of Data

M13: Operation & Maintenance (O&M)

- Acceptance Test Performa (ATP)
- Fault Detection & Rectification

M14: MULTIPLE ACCESS TECHNOLOGIES

TDMA-TIME DIVISION MULTIPLE ACCESS

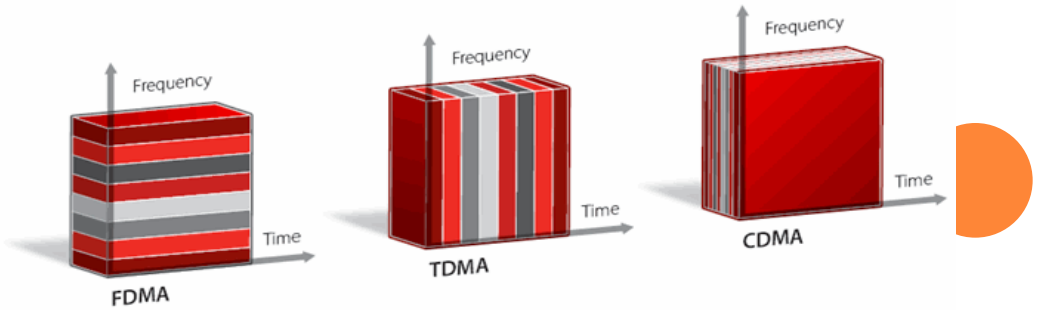
- TDMA Basics
- TDMA Architecture
- TDMA Channels
- TDMA BTS Hardware Installation

FDMA-FREQUENCY DIVISION MULTIPLE ACCESS

- FDMA Basics
- FDMA Architecture
- FDMA Techniques
- FDMA BTS Hardware Installation

CDMA-CODE DIVISION MULTIPLE ACCESS

- CDMA Basics
- CDMA Codes & Channels
- CDMA Architecture
- CDMA BTS Hardware Installation



TELECOMMUNICATION GENERATIONS

2G/3G/4G/5G

M15: 2G-SECOND GENERATION

- GSM ARCHITECTURE
- GSM PROTOCOLS
- GSM CHANNELS
- GSM SERVICES
- GSM CELLS
- GSM CELL STRUCTURE & SHAPES
- GSM CELL CLUSTER
- GSM HARDWARE
- GSM FREQUENCY BANDS
- GSM PLANNING & OPTIMIZATION

TELECOMMUNICATION GENERATIONS

M16: 3G-THIRD GENERATION

3G FUNDAMENTALS

- 3G introduction
- Architecture description
- Radio access network
- Core network

3G PLANNING Network

- Planning stages
- Site survey
- Code planning

3G OPTIMIZATION

- Goals of optimization
- Information sources
- Key performance indicator (KPI)

3G MODES

Spectrum allocation

TDD

FDD

TELECOMMUNICATION GENERATIONS

M17: 4G-FOURTH GENERATION

4G PLANNING & OPTIMIZATION

- Planning Concept
- Planning Description
- Optimization Introduction

4G ARCHITECTURE

- LTE Architecture
- Radio link
- RF model for LTE design
- RAN architecture
- eNB functions
- EPS bearer
- Evolved packet core
- Modelling LTE network

4G FREQUENCY BANDS

- LTE Frequency Bands
- LTE frequency bands
- LTE band allocation
- Flexible bandwidth
- Frequency band attributes
- FDD modes
- TDD modes

TELECOMMUNICATION GENERATIONS

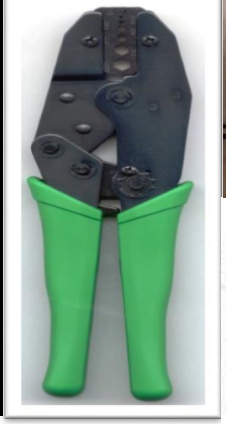
M18: 5G-FIFTH GENERATION

- Introduction to 5G Technology
- 5G Architecture
- New Concepts in 5G Technology

M18: HEALTH & SAFETY GUIDELINES

- UNDERSTAND HEALTH & SAFETY GUIDELINES FOR TELECOM SITES
- ACCESS – RESTRICTED & UN-RESTRICTED
- GENERAL SAFETY RESPONSIBILITIES
- PPE'S-PERSONAL PROTECTIVE EQUIPMENTS
  - SAFETY HELMET
  - SAFETY BELT
  - SAFETY SHOES
  - SAFETY GLOVES
- COMPETENCE & FITNESS FOR WORK

SOME USED TOOLS IN TELECOM INDUSTRY



EXTRA FEATURES

PERSONALITY DEVELOPMENT

The training module is aimed at the promotion of the strategies for the personality development of the participants. The rational behind this Endeavour is the recognition of the multifaceted influence of the personality of the employees upon organizational effectiveness. Participants will definitely improve the few social things like leadership qualities, stress management, conflict management and time management etc.

GENERAL APTITUDE CLASSES

CTL will cover general aptitude of candidates, covering verbal reasoning, quantitative aptitude.

OUR COURSE DURATION

- Six months industrial training for those pursuing B tech, MCA, M tech.
- Six weeks Internship/industrial training in, Telecom, Information Technology training.
- Three months professional training for students who have completed graduation.

- We have only 20 seats for the HR course which will conduct under the manager HR.
- Scholarships will be provided to the deserving students in which scholarship amount will be deducted from module fees.

ENHANCED FEATURES

- New Creative things
- How to built Web Applications
- Basics of Tools and Techniques
- Advanced Programming techniques
- Web application and services development
- Application Reengineering and Enhancement
- Web Application Maintenance
- Windows System Programming
- Project development
- Project planning
- Report maintenance
- Paper work

OUR RESOURCES

- *Locality in IT Parks*
- *Latest modular IT set-ups*
- *CMS Controlled CCTV*
- *Executive Lounges*
- *Conference Halls*
- *Cafeteria*
- *24*7 Electricity backups*
- *Underground Parkings*
- *Mini Golf Course*

OUR VALUES

- *High quality & Value*
- *Open Standards*
- *Investment Protection*
- *Global reach with local flavours*
- *Different global strategies*
- *Strong financial fundamentals*

OUR SUPPORT

- 24*7 online services
- Global web support
- Toll free number
- Social Pages

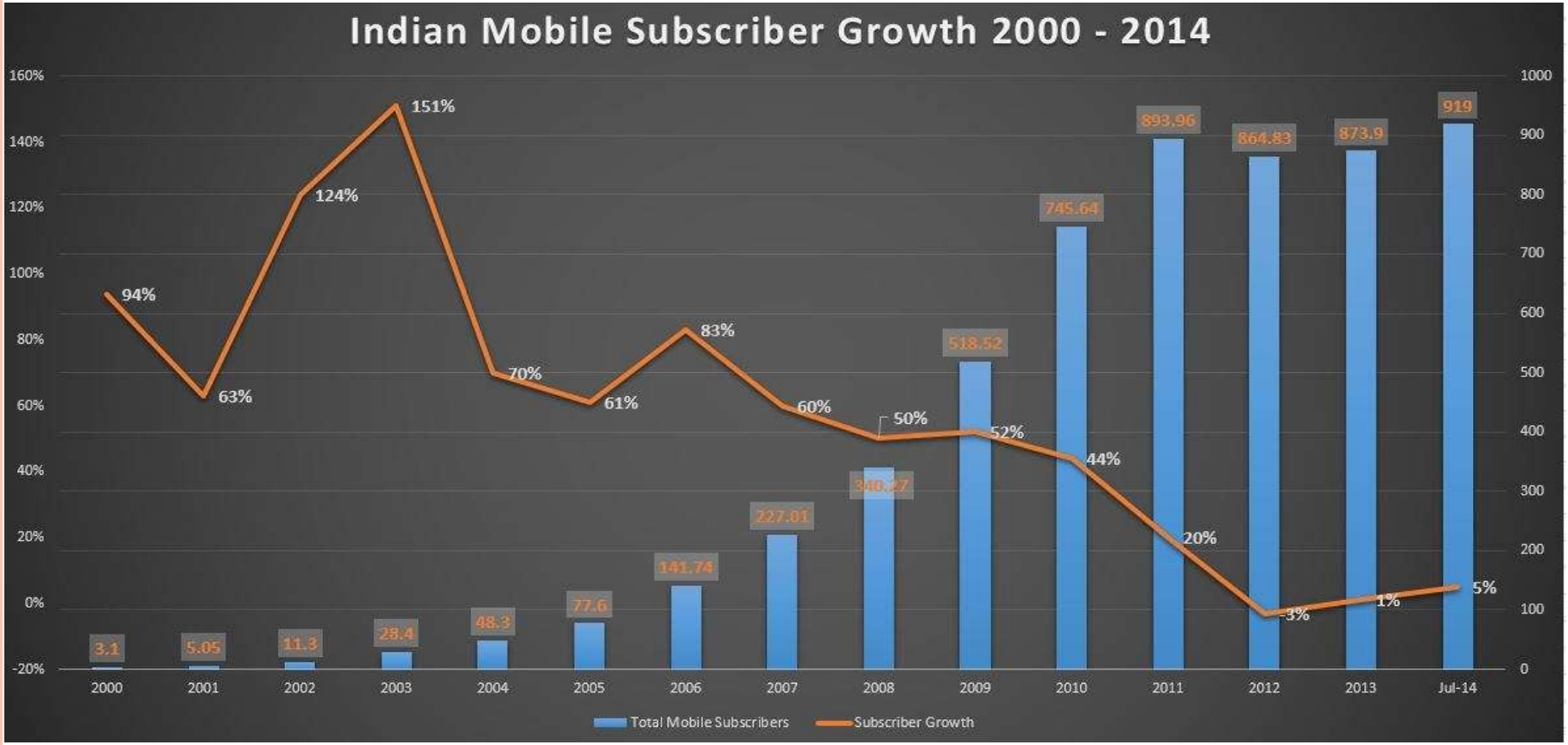
SOME OF OUR REPUTED CLIENTS

Know about Telecom Sector and Career Growth

Do you want to make your career in Telecom?

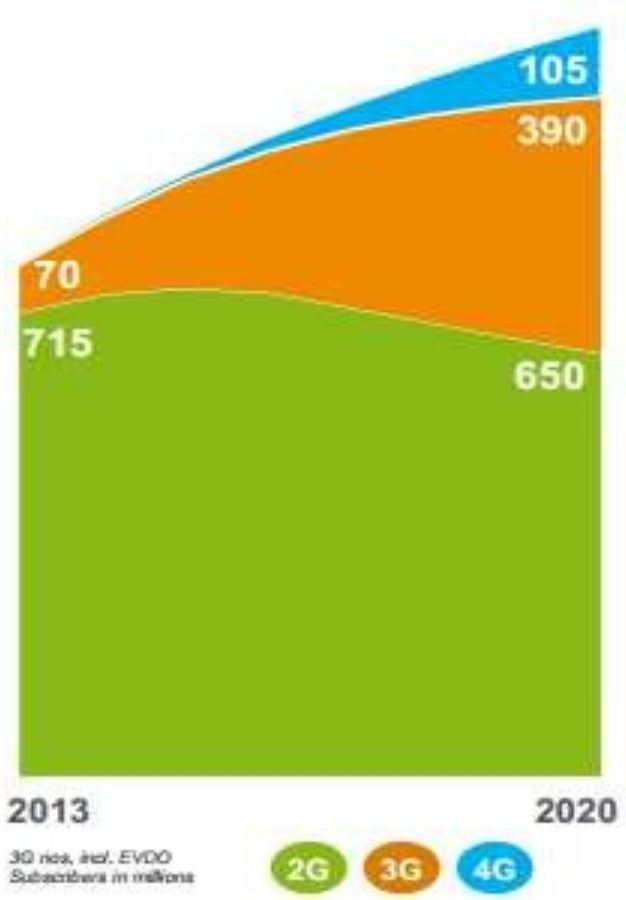
Because of Growth of Telecom in INDIA

Growth of Mobile Subscriber in India



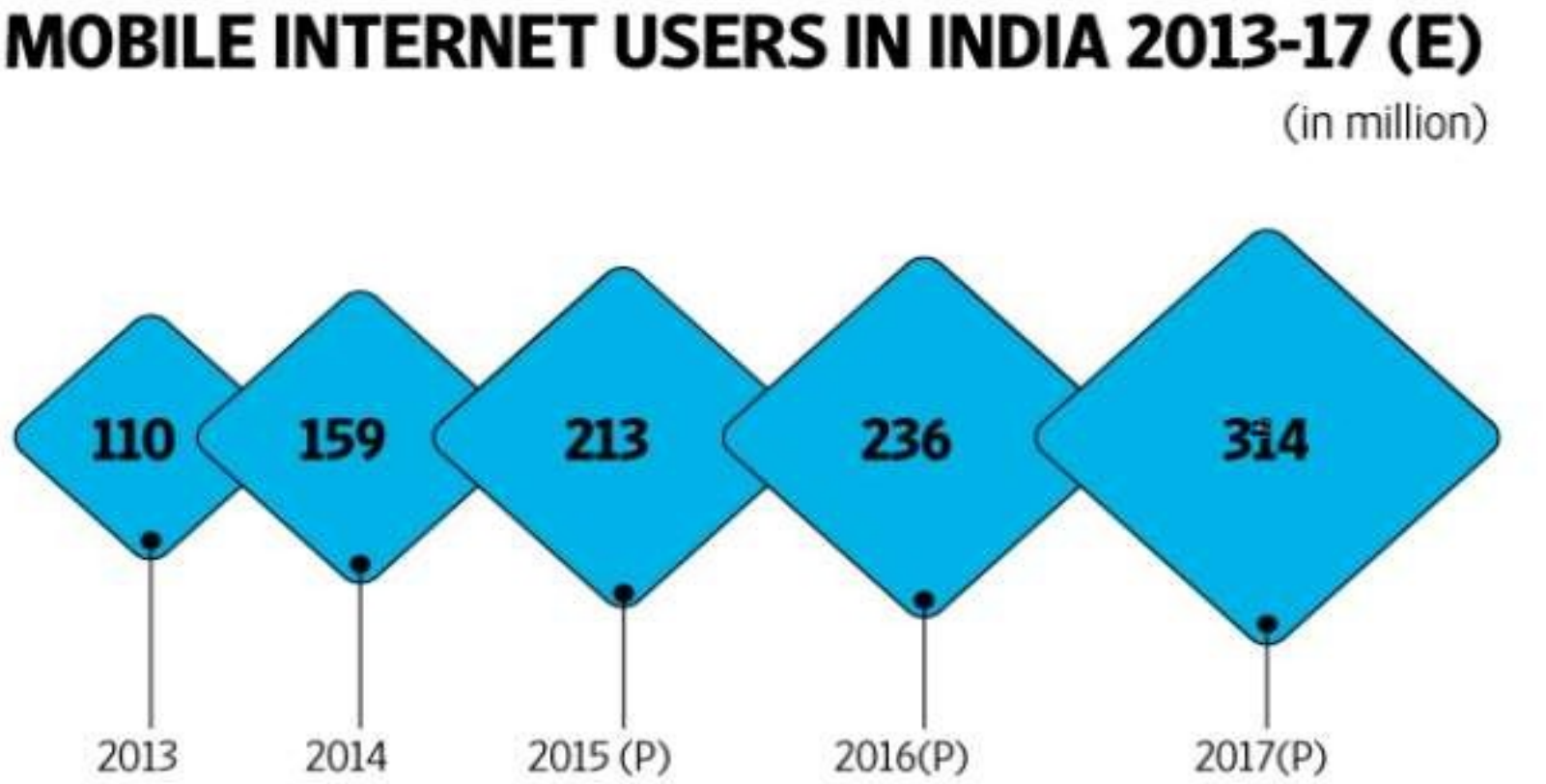
GROWTH OF 2G, 3G & 4G IN INDIA

2G Launched in 1995 3G Launched in Dec 2008



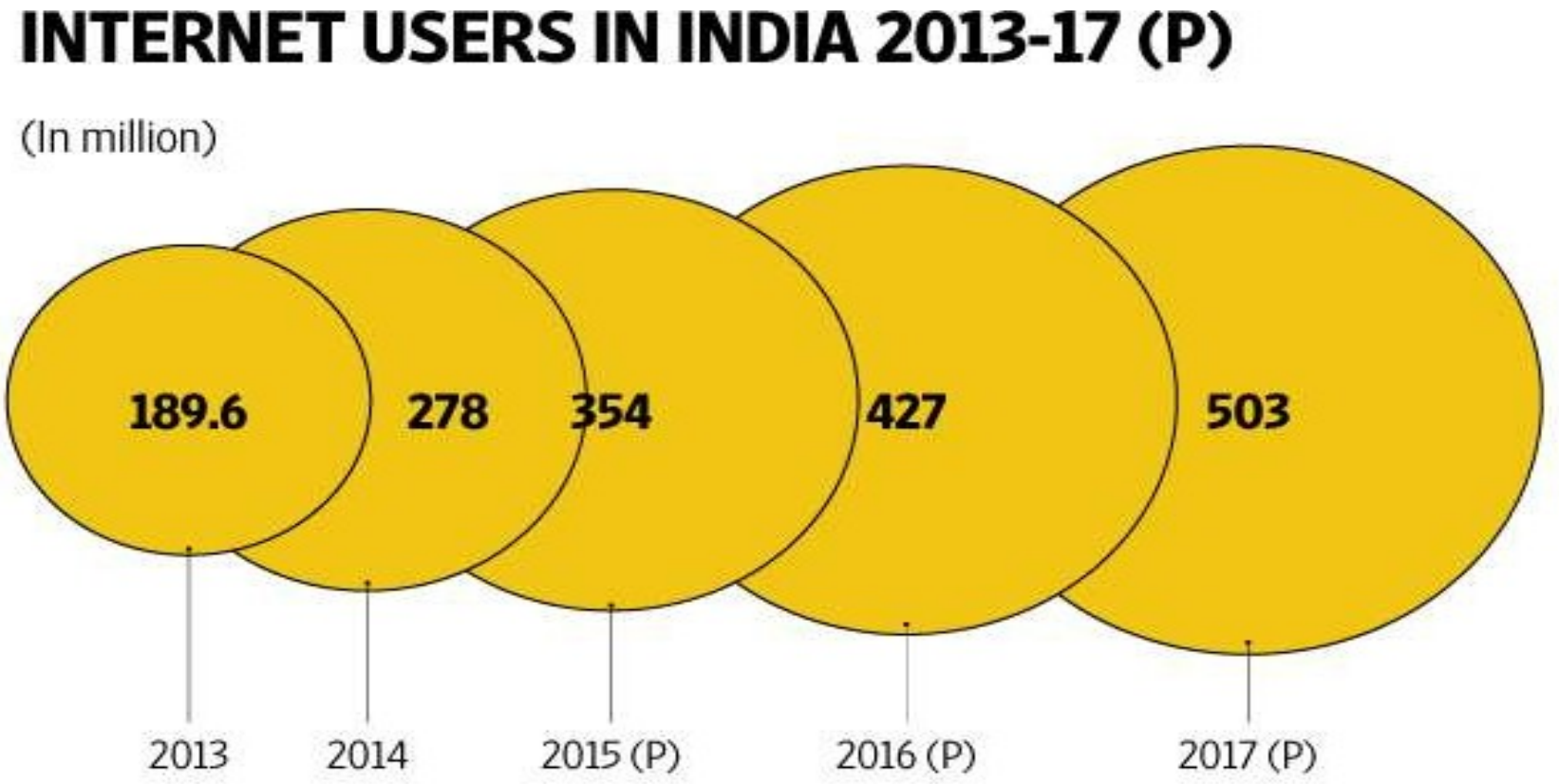
4G Launched in Apr 2012

Growth of Mobile Internet Users in India



Source: Iamai-IMRB Mobile Internet in India 2014 report; KPMG-Ficci M&E industry report 2015

Growth of Internet Users in India



Source: Iamai Internet In India 2014, Industry Discussions, KPMG-FICCI M&E industry report 2014 and 2015

TELECOM CIRCLES IN INDIA

1. Andhra Pradesh
2. Assam
3. Bihar & Jharkhand
4. Delhi & NCR
5. Gujarat
6. Haryana
7. Himachal Pradesh
8. Jammu & Kashmir
9. Karnataka
10. Kerala
11. Kolkata
12. Madhya Pradesh
13. Maharashtra
14. Mumbai
15. North East
16. Odisha
17. Punjab
18. Rajasthan
19. Tamilnadu
20. UP East
21. UP West
22. West Bengal

Types of Telecom Companies

- Operators
- Equipment Vendors
- Infra Vendors
- Service Vendors
- Manpower Vendors

Different Telecom Jobs

CTL

Project Related Jobs

- Project Engineer
- Site Engineer
- BTS Engineer
- Node-B Engineer
- eNode-B Engineer
- I&C Engineer
- Commissioning Engineer
- Telecom Engineer
- Transmission Engineer
- 2G/3G/4G Engineer
- Project Coordinator
- Quality Engineer

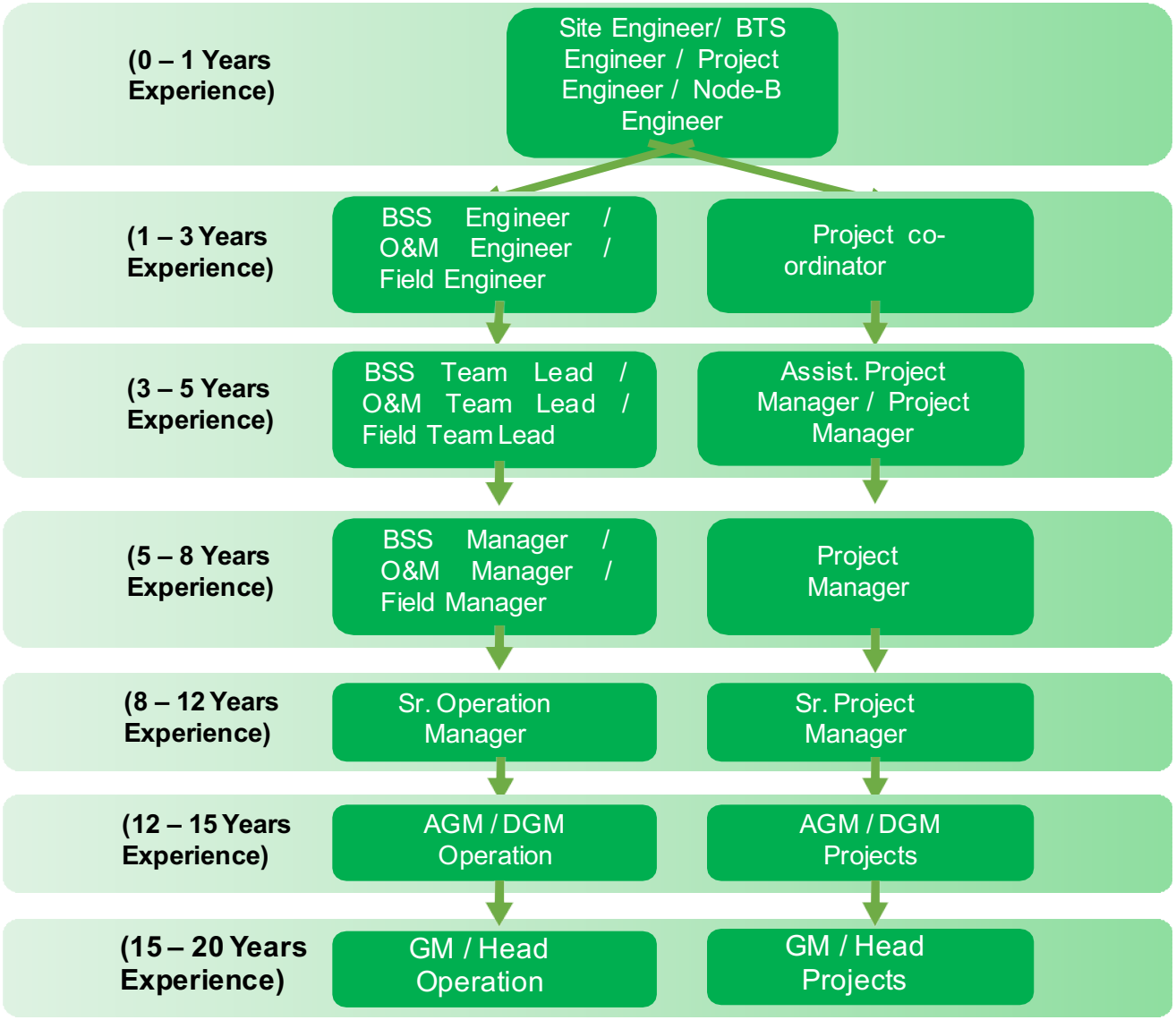
Maintenance Related Jobs

- Maintenance Engineer
- BSS Engineer
- Field Engineer
- O&M Engineer
- OMC Engineer
- Alarm Monitoring Engineer
- NOC Engineer
- BSC Engineer
- Site Creation Engineer

Other Telecom Jobs

- Documentation Engineer
- Telecom Trainer
- RF Implementation Engineer
- RF Drive Test Engineer
- LOS Survey Engineer
- RF Optimization Engineer
- RF Survey Engineer
- Link Planning Engineer

Career Growth in Telecom



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GET PLACEMENT IN THESE COMPANIES!

THANKS FOR BEING WITH US . . .

Head Office:

CINIF TECHNOLOGIES PUBLIC LIMITED

Plot No - 14, Opp. - Infosys, IT Park

Chandigarh, 160101 (UT)

HRD : 0172-6502224, 09041410909

Email : tnd@cinifglobal.in , crc03@cinifglobal.in

www.cinifglobal.com, www.ciniftech.com