Training Catalogue

Telecommunications, IT & Networks, Power, Oil & Gas , HR Management, Sales & Marketing , Procurement & Contracting, Finance & Taxation, Project Management

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Telecommunication

Telecommunication Systems

Code	Name	Days
ETS –TS – 001	Telecommunication Basics	3
ETS–TS – 002	GSM System overview	2
ETS –TS – 003	GSM Signaling	1
ETS –TS – 004	GSM architecture & Protocols	1
ETS –TS – 005	GSM (System, Architecture , Signaling, Protocols) an ultimate choice / GSM Survey	5
ETS –TS – 006	GPRS / EDGE / WIMAX System Overview	3
ETS –TS – 007	UMTS System Overview	2
ETS –TS – 008	3G – WCDMA Survey	
ETS –TS – 009	Evolution of Telecom from GSM to LTE 2G to 4G	5
ETS-TS-010	5G Architecture, Protocols and Call Flows	5

Core Operations

Training Code	Training Name	Duration – Days
ETS-OPS-001	Core Network Overview in GSM	2
ETS-OPS-002	Core Network Signaling	3
ETS-OPS-003	Circuit Core Network	3
ETS-OPS-004	Packet Core Network	3
ETS-OPS-005	SIGTRAN Overview	3
ETS-OPS-006	Gb over IP Introduction	
ETS-OPS-007	GSM Core/Radio Network Statistics	
ETS-OPS-008	IP V(4,6) and MPLS	2
ETS-OPS-009	MPBN (Mobile Packet Back Bone Network) Planning	2
ETS-OPS-010	MPBN Operations & Configurations	5

Core / BSS / Transmission Operations :

BSS Operations

Training Code	Training Name	Duration - Days
ETS-OPS-025	BSS in GSM or UMTS Network	3
ETS-OPS-026	GSM BSS Signaling	2
ETS-OPS-027	GSM BSS GPRS/EDGE Signaling	5

Transmission Operations

Training Code	Training Name	Duration - Days
ETS-OPS-051	Microwave Transmission	3
ETS-OPS-052	SDH Transmission	3
ETS-OPS-053	DWDM Transmission	3
ETS-OPS-054	Transmission Engineering	3
ETS-OPS-055	NG – DWDM Transmission	3
ETS-OPS-056	IP Transmission	3
ETS-OPS-057	Transmission Network Audit and Performance	3
ETS-OPS-058	Fiber Optics Transmission	3
ETS-OPS-059	Satellite Transmission	3
ETS-OPS-060	Transmission Networks for Managers	3

Apart from this we are also specialized for Product oriented training (O&M, Configurations and Commissioning) for all products related to Transmission, Microwave, SDH / DWDM, BSS for all renowned Telecom vendors.

Core Network (CS , PS) Planning

Training Code	Training Name	Duration – Days
ETS-COR-001	Core Network Overview in GSM	2
ETS-COR-002	Core Network Signaling	3
ETS-COR-003	Circuit Core Network Planning	3
ETS-COR-004	Packet Core Network Planning	3
ETS-COR-005	Core Network (CS & PS) Planning	3
ETS-COR-006	CS Core Optimization Principles	2
ETS-COR-007	PS Core Optimization Principles	2
ETS-COR-008	Core (CS & PS) Optimization Principles	5
ETS-COR-009	Core (CS & PS) Planning & Optimization	5
ETS-COR-010	IP V(4,6) and MPLS	5
ETS-COR-011	MPBN (Mobile Packet Back Bone Network) Planning	5
ETS-COR-012	MPBN Operations & Configurations	5
ETS-COR-013	MPBN Planning & Operations	5
ETS-COR-014	SIGTRAN Overview	3
ETS-COR-015	Gb over IP Introduction	3
ETS-COR-016	GSM Core/Radio Network Statistics	3
ETS-COR-017	GSM BSS Signaling	3
ETS-COR-018	GSM BSS GPRS/EDGE Signaling	3
ETS-COR-019	Core Network Lanning LTE Network	3
ETS-COR-020	Core Network Planning for 5G Network	3

RF (Radio Frequency) Planning & Optimization

Training Code	Training Name	Duration – Days
ETS-RF-001	Radio Frequency Engineering	2
ETS-RF-002	Wireless RF Engineering	3
ETS-RF-003	System Survey (GSM , UMTS or LTE)	5
ETS-RF-004	System Statistics (GSM , UMTS or LTE)	3
ETS-RF-005	RF & BSS Statistics	2
ETS-RF-006	Radio Network Features (GSM , UMTS or LTE)	5
ETS-RF-007	Cell Planning Principles 1	5
ETS-RF-008	Introduction to RF Network Optimization	5
ETS-RF-009	Cell Planning Principles 2	5
ETS-RF-010	Advance features of Network Optimization	5
ETS-RF-011	Radio Dimensioning & Performance	5
ETS-RF-012	Drive Test Principles and Analysis	5
ETS-RF-013	Radio Frequency exposure for BTS / RBS Antennas	5
ETS-RF-014	Radio Network Tuning	5
ETS-RF-015	GSM / GPRS Performance & QoS	5
ETS-RF-016	TEMS for Cell Planners	5
ETS-RF-017	ASSET Features & Operations	5
ETS-RF-018	Introduction to Optima	5
ETS-RF-019	RF Planning for LTE Network	3
ETS-RF-020	RF Planning for 5G Network	3

RF Planning & Optimization courses can be conducted on any of deployed system including GSM/GPRS , UMTS or LTE.

Transmission Network Planning

Training Code	Training Name	Duration – Days
ETS-TP-001	Introduction to Microwave Propagation	3
ETS-TP-002	Introduction to SDH / WDM Network	3
ETS-TP-003	Introduction to IP & DCN Network	3
ETS-TP-004	Overview to Microwave equipment for Planners	2
ETS-TP-005	Overview to SDH / WDM equipment for planners	2
ETS-TP-006	Overview to IP equipment for Planners	2
ETS-TP-007	Microwave Propagation & Link Planning Level 1	5
ETS-TP-008	Designing SDH & WDM Network Level 1	5
ETS-TP-009	IP & DCN Planning Level 1	5
ETS-TP-010	IP Networking	5
ETS-TP-011	Short –Hual Microwave Radio Design	5
ETS-TP-012	Microwave Propagation & Link Planning Level 2	5
ETS-TP-013	Designing SDH & WDM Network Level 2	5
ETS-TP-014	IP & DCN Planning Level 2	5
ETS-TP-015	Synchronization in Telecom Networks	5
ETS-TP-016	Link Planning for 3G network using PathLoss	5
ETS-TP-017	CONNECT overview and Operations Training	5
ETS-TP-018	Pathloss 4 Overview and Link Planning Training	5
ETS -TP -019	Pathloss 5 Overview and Link Planning Training	5
ETS -TP -020	Planning with TEMS	5

Our Instructors give vendor dependent training also for the major GSM and WMDA Vendors

Network Performance (QoS)

Training Code	Training Name	Duration – Days
ETS-NP-001	GSM Overview	5
ETS-NP-002	GSM Performance Statistics	5
ETS-NP-003	GSM RF / BSS Performance Statistics	3
ETS-NP-004	GSM Core Performance Statistics	2
ETS-NP-005	GSM RF Performance & Audit Analysis	3
ETS-NP-006	GSM Core Network Performance & Audit Analysis	2
ETS-NP-007	Transmission Performance & Audit Analysis	3
ETS-NP-008	IP Network QoS Survey	5
ETS-NP-009	2G Network End to End QoS	5
ETS-NP-010	3G / UMTS End to End QoS	5
ETS-NP-011	OPTIMA Performance Tool Training	5
ETS-NP-012	Astellia Performance Tool Training	5
ETS-NP-013	Benchmarking for GSM Network & QoS Survey	5
ETS-NP-014	Benchmarking for UMTS Network & QoS Survey	5
ETS-NP-015	Network Optimization for LTE Network	3
ETS-NO-016	Network Optimization and Tunning for 5G Network	3

Performance courses can be conducted for any of the deployed system including GSM/GPRS , UMTS or LTE.

NOC (Network Operation Center / Network Monitoring Center)

Training Code	Training Name	Duration – Days
ETS-NOC-001	Introduction to Transmission Network for NOC	5
ETS-NOC-002	Overview to GSM for monitoring people	5
ETS-NOC-003	Microwave Alarms Analysis and Fault Management	3
ETS-NOC-004	Core Alarms Analysis and Fault Management	2
ETS-NOC-005	IN / VAS Alarms Analysis and Fault Management	2
ETS-NOC-006	IT Network Alarm Analysis and Fault Management	3
ETS-NOC-007	Trouble Ticket Training*	2
ETS-NOC-008	OSS Training*	3
ETS-NOC-009	NOC Infrastructure and Logical process training	3
ETS-NOC-010	Time Management for NOC Engineers	2
ETS-NOC-011	Incident Management for NOC Engineers	2
ETS-NOC -012	Change Management for NOC Engineers	2
ETS – NOC-013	Communication Skills and Incident report writing	3

*Vendor Specific

Telecom Billing & Revenue Assurance

Training Code	Training Name	Duration – Days
ETS-RA-001	GSM Overview for Billing & RA People	5
ETS-RA-002	Intelligent Network (IN) / Billing Training	5
ETS-RA-003	Strategic Revenue Assurance	3
ETS-RA-004	Telecom Fraud Management	3
ETS-RA-005	Revenue Auditing	3
ETS-RA-006	Supervision of Revenue Seepage	3

Roaming & Interconnections

Training Code	Training Name	Duration – Days
ETS-RI-001	GSM Overview for Roaming People	5
ETS-RI-002	Connections associated with the GPRS Roaming Exchange (GRX)	3
ETS-RI-003	Network Signaling and Interconnections	3
ETS-RI-004	Global Addressing for Roaming	3
ETS-RI-005	International Roaming and Interconnections	5

VAS Planning & Optimization

Training Code	Training Name	Duration – Days
ETS-VAS-001	Introduction to Telecom Value Added Services	3
ETS-VAS-002	Planning Value Added Services for Telecom Operator	2
ETS-VAS-003	Operations and Challenges for VAS Operators	2

Telecom Customer Support

Training Code	Training Name	Duration – Days
ETS-CS-001	Fundamentals of Call Center and Customer Support	3
ETS-CS-002	Support Management Training	3
ETS-CS-003	Managing Challenging Customers	3
ETS-CS-004	Winning sales through customer services	3
ETS-CS-005	Team management and motivation for Call Center	3
ETS-CS-006	Problem analysis , escalation and fallow up training	3

Telecom Project Management

Training Code	Training Name	Duration - Days
ETS-PM-001	Project management for bingers	3
ETS-PM-002	Project Management for Manager	5
ETS-PM-003	Telecom Project Management	3
ETS-PM-004	PMP	5

Telecom Software – Tools

We are providing Installation, Administration, Operations & Maintenance, Configuration etc training for the tools which includes but not limited to the following.

• Path Loss	• Asset
• Connect	• Optima
• OSS	• NetAct
• MS Project	• Primavera

All big vendors of Telecom are covered, for any query about Schedule, Vendors and Technology . Please contact us.

Telecom Equipment Training

We provide trainings for Installation, Operations & Maintenance , Configuration and commissioning of following equipment.

• MSC	• MSS
• BSC / RNC	• BTS / RBS
• Microwave	• Data Communication
• IN / VAS	• GPRS

All big vendors of Telecom are covered, for any query about Schedule, Vendors and Technology . Please contact us.

Training Catalogue

IT (Information Technology) & Networks

Training Code	Training Name	Duration – Days
ETS-ITN-001	Cisco Certified Network Associate – CCNA	5
ETS-ITN-002	Cisco Certified Network Professional – CCNP	3
ETS-ITN-003	Cisco Certified Internet Expert - CCIE	3
ETS-ITN-004	Cisco Certified Security Professional – CCSP	3
ETS-ITN-005	Cisco Certified Security Expert – CCIE Security / Voice	3
ETS-ITN-006	Cisco Certified Voice Professional – CCVP	3
ETS-ITN-007	Cisco Certified Internet Protocol – CCIP	3
ETS-ITN-008	Cisco Certified Design Associate - CCDA	5
ETS-ITN-009	MCSE 2003 / 2008	5
ETS-ITN-010	MS Exchange Server / MCITP	5
ETS-ITN-011	UNIX featuring sun Solaris	5
ETS-ITN-012	RHCSA / RHCE	3
ETS-ITN-013	Linux Operating System for bingers	3
ETS-ITN-014	Linux Operating System – Advance Level	3
ETS-ITN-015	VoIP , Voice over IP CCVP features	3
ETS-ITN-016	Network Security – Ethical Hacking	5
ETS-ITN-017	VMWARE , vSphere Install Configure, Manage	5
ETS-ITN-018	SQL / PLSQL	5
ETS-ITN-019	Advance Oracle trainings / SQL Tuning	5
ETS-ITN-020	Programming Languages C / C++, Java, Visual Basics	5
ETS-ITN-021	Asp.net , C#	5
ETS-ITN-022	Web Development and Design using HTML	8
ETS-ITN-023	Dynamic web development and Design	8
ETS-ITN-024	Search Engine Optimization	3
ETS-ITN-025	Designing Tools, Corel Draw, Flash	5
ETS-ITN-026	Big Data Analysis	3
ETS-ITN-027	Big Data and Python Programming	5
ETS-ITN-026	Artificial Intelligence	5

Electronics

Training Code	Training Name	Duration – Days
ETS-ELE-001	Analog Electronics Basics	2
ETS-ELE-002	Integrated Circuit	3
ETS-ELE-003	Operational Amplifiers	3
ETS-ELE-004	Transistor as Amplifier & Switch Designing	3
ETS-ELE-005	Power Electronics design and Operations	3
ETS-ELE-006	Digital Electronics Basics	3
ETS-ELE-007	Advance Digital Electronics designing	3
ETS-ELE-008	Microprocessor base designing	5
ETS-ELE-009	Microcontroller base designing	5
ETS-ELE-010	FPGA based system designing	5
ETS-ELE-011	VERILOG for Design Engineers	5
ETS-ELE-012	Communication Theory	3
ETS-ELE-013	Communication Systems	3
ETS-ELE-014	Electromagnetism Applications	3
ETS-ELE-015	Digital Signal Processing	3
ETS-ELE-016	Digital Speech Processing	5
ETS-ELE-017	Digital Image Processing	5
ETS-ELE-018	Control Systems and Robotics	5
ETS-ELE-019	Lasers , Operations and Applications	3

Oil & Gas Sector Training

Training Code	Training Name	Duration – Days
ETS-OLG-001	Petroleum industry – An introduction	3
ETS-OLG-002	SEISMIC theory in Geology & Petroleum	3
ETS-OLG-003	Exploration & Production Basics	3
ETS-OLG-004	Exploration & Production – Advance level	3
ETS-OLG-005	Health , Safety & Environment in Petroleum Industry	3
ETS-OLG-006	Instrumentation, advance techniques	3
ETS-OLG-007	Geology for Project Managers	3
ETS-OLG-008	Project Management Essential for Petro Industry	3
ETS-OLG-009	Economics and Finance for Oil and Gas sector	3
ETS-OLG-010	Negotiation Skills for Oil and Gas Managers	3
ETS-OLG-011	Procurement and Contracting skills	3

Power Training

We are offering trainings related to Power Planning, Operations and Maintenance

Trainings are included but not limited to the following:

- Generators
- Air Conditions
- Power Distribution Units
- Load Distribution

Human Resource Management

Training Code	Training Name	Duration – Days
ETS-HRM-001	Introduction to Human Resource Management	3
ETS-HRM-002	Performance Management and Motivation Development	3
ETS-HRM-003	Strategic Human Resource Management	3
ETS-HRM-004	Developing & Implementing Performance Management System	3
ETS-HRM-005	Designing Pay Rates and Employee Benefits aligned with Business Strategy	3
ETS-HRM-006	HR Auditing and Processes Development	3
ETS-HRM-007	Strategic Human Resource Planning	3
ETS-HRM-008	Mastering Interview Techniques	3
ETS-HRM-009	Strategic organizational behavior	3

Procurement & Contracting

Training Code	Training Name	Duration – Days
ETS-PC-001	Introduction to Procurement	3
ETS-PC-002	Introduction to Contract Management	3
ETS-PC-003	Procurement , Contract management and effective Negotiation Skills	3
ETS-PC-004	Strategic Procurement Management	3
ETS-PC-005	Procurement & Contract Management for Telecom	3
ETS-PC-006	Procurement & Contract Management for Oil & Gas	3
ETS-PC-007	Introduction to tendering and bid management	3
ETS-PC-008	Procurement Strategy Development	3
ETS-PC-009	Relations Management with Supplier	3
ETS-PC-010	Performance Management of Supplier	3
ETS-PC-011	Electronic procurement an additive advantage	3

Sales & Marketing

Training Code	Training Name	Duration – Days
ETS-SM-001	Introduction to Sales Management	3
ETS-SM-002	Introduction to Marketing Management	3
ETS-SM-003	Strategic Sales Skills	3
ETS-SM-004	Effective Marketing for record Sales	3
ETS-SM-005	Sales management for Telecom Operators	3
ETS-SM-006	Brand Management	3
ETS-SM-007	Strategic Marketing Planning	3

Soft Skills

Training Code	Training Name	Duration – Days
ETS-SS-001	Communication Skills	3
ETS-SS-002	Time Management Skills	2
ETS-SS-003	Conflict Management Skills	1
ETS-SS-004	Risk Analysis Skills	1
ETS-SS-005	Incident Management Skills	1
ETS-SS-006	Coaching & Mentoring Skills	1
ETS-SS-007	Stress Management Skills	1
ETS-SS-008	Win – Win Negotiation Skills	1
ETS-SS-009	Presentation skills	1
ETS-SS-010	Decision Making Skills	1

Finance & Taxation

Training Code	Training Name	Duration – Days
ETS-FT-001	Introduction to Finance Management	5
ETS-FT-002	Finance for non financial managers	5
ETS-FT-003	Using MS – Excel as a tool for Financial Management	5
ETS-FT-004	Introduction to Taxation	5
ETS-FT-005	Advance Taxation	5
ETS-FT-006	Financial Analysis , Evaluation & Budgeting	5
ETS-FT-007	Corporate Financial Planning	5

ISO Standards and Quality

Training Code	Training Name	Duration – Days
ETS-QTY-001	ISO-9001 Quality Management System	5
ETS-QTY-002	ISO – 22000 Food Safety Management System	5
ETS-QTY-003	ISO – 14000 Environmental Management System	5
ETS-QTY-004	ISO – 18000 Occupational Health Safety	5
ETS-QTY-005	ISO -1725 Laboratory Management System	5
ETS-QTY-006	SA – 8000 Social Responsibility	5
ETS-QTY-007	Telecom Quality Assurance	3
ETS-QTY-008	Telecom QoS	5
ETS-QTY-009	Total Quality Management	4

Project Management

Training Code	Training Name	Duration
ETS-PM-001	Project management for beginners	3
ETS-PM-002	Project Management for Manager	5
ETS-PM-003	Telecom Project Management	3
ETS-PM-004	PMP	5

Business Management

Agile & Scrum

- **Agile & High Speed Testing Techniques**
- **Agile Essentials**
- **Agile for Product Owners**
- **An Overview of Agile Project Management**
- **Certified Scrum Product Owner Workshop**
- **Collaborating and Communicating Agile Requirements**
- **Lean Fundamentals**

- Agile Boot Camp
- Agile for Executives
- Agile Project Management
- Certified Scrum Developer Workshop: Hands-On Agile Engineering
- Certified Scrum Master Workshop
- Hands-On Lean Agile Project Management
- Transitioning from Waterfall to Agile

ITIL List of Trainings

- **ITIL version 3.0 Training**
- **ITIL Service Capability: Service Offerings and Agreements**
- **ITIL v3 Foundation**
- **How to Define and Value IT Services**
- **How to Measure and Justify IT Services**

- **How to Build a Service Catalog**
- ITIL Service Lifecycle: Continual Service Improvement
- ITIL in Action Training
- How to Get Started with ITIL

Six Sigma

- **Six Sigma Black Belt Certification Week 1**
- **Six Sigma Green Belt Certification Week 1**
- **Six Sigma Jumpstart**
- **Six Sigma Master Black Belt Certification Week 1**

- **Six Sigma Black Belt Certification Week 2**
- Six Sigma Green Belt Certification Week 2
- Six Sigma KnowledgeCenter
- Six Sigma Master Black Belt Certification Week 2

Customer Support

Training Code	Training Name	Duration – Days
ETS-CS-001	Fundamentals of Call Center and Customer Support	3
ETS-CS-002	Support Management Training	3
ETS-CS-003	Managing Challenging Customers	3
ETS-CS-004	Winning sales through customer services	3
ETS-CS-005	Team management and motivation for Call Center	3
ETS-CS-006	Problem analysis , escalation and fallow up training	3

Vendor Dependent Training

List of Vendors

Avaya	Huawei	Cisco
Citrix	Motorola	VMware
EMC	Ericsson	IBM
Microsoft	NSN	VMware
Oracle	ZTE	Red Hat
SonicWALL	Juniper	Sun

How to get Registered

You can get registered by sending email on zeeshan.ahmed@ets.biz.pk

Contact Training Manager @ +92 – 3034452001 and get registered or Whatsapp on +92 - 3338742754

Customised Training

All trainings are also available in Customised modes. To get Customised Course outline which suits your needs please contact us on zeeshan.ahmed@ets.biz.pk or call on +92 – 3034452001 or Whatsapp on +92 - 3338742754

Modes of Training

All trainings are available in different modes , which can be one of the following:
- On Site Training in Customer facility
- On Line Training any where
- Class Room Training in ETS facility (Islamabad , Dubai, Abu Dubai)
- Virtual Training

Contact Us

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