



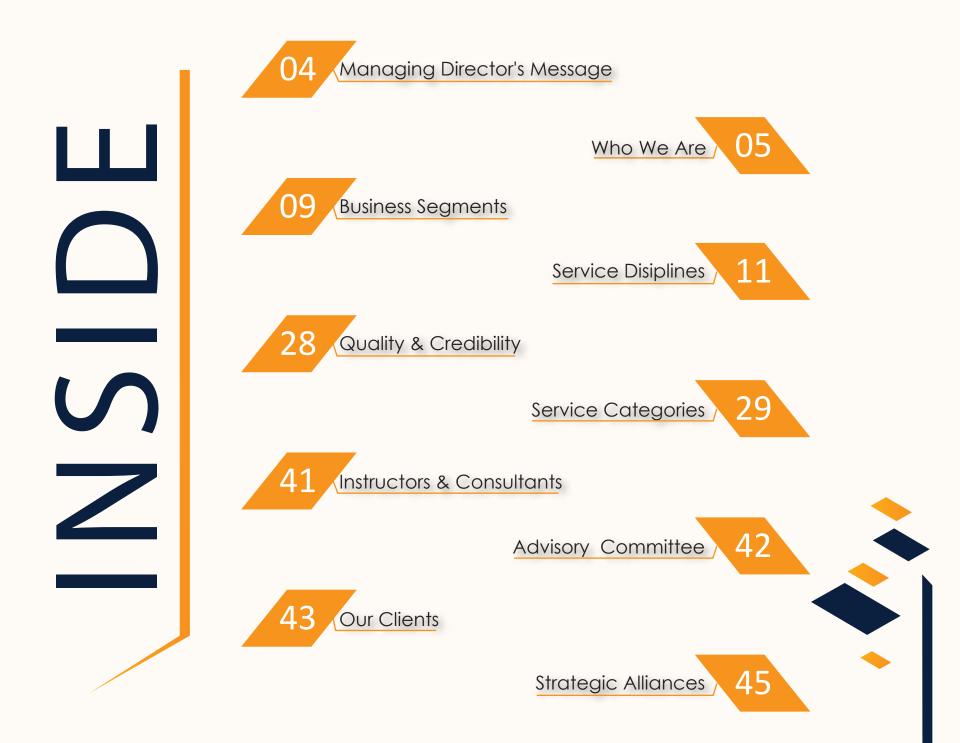
Training | Development | Consultancy

In APEX ...

We believe that continuous learning is essential to enhance Individual Competency leading to Business Excellence.









¥10 YEARS ¥IN BUSINESS

Managing Director's Message





Greetings from APEX!

It is with great pride I look back at APEX's numerous successes and achievements over the years. Ever since our humble beginnings as a local firm, APEX has worked hard to build the company into a truly International Corporation, becoming One of the leading Training & Consultancy Services in the Middle East and African Countries.

As a Training & Consultancy Provider, APEX has persisted in its pursuit of excellence in all aspects of its Services. Its successful track record is, no doubt, a testimony to its fulfillment of its aspirations to be a well-recognized player in the Global Market under the wise guidance of our Strategic Management and in line with our Strategic Partners to ensure the Optimal Utilization of APEX Resources.

The mutual partnerships we have built with our customers worldwide and their trust in our capabilities, high quality services and working teams, has greatly contributed to the realization and fulfillment of our Vision and achieve Customer Excellence through Knowing our Customers, Understanding their Needs, Delighting them and Measuring the impact and effectiveness of our Services.

Our responsibility toward our communities and employees as well as to our shareholders is considered one of our top priorities. We consider ourselves a good corporate citizen, actively engaged in enhancing the life of our community. Caring for the environment is of utmost importance to us, this is vital to preserving the quality of life in our own community and we have made this one of APEX's core values.

Welcome, visit our website www.apex-dubai.com

Yours Faithfully, Dr. Mohamed Al-Temnah Managing Director



In May 2005, APEX was founded and nested its hub in Dubai Knowledge Park www.dkp.ae located in Dubai, United Arab Emirates. It is community that facilitates premiere learning and training, a center of excellence for innovative education, a destination for both regional and international learners, bridging the gaps among global learners.

This wide array of business offerings and opportunities have been essential to the growth and development of APEX Company. Also, it help us to meet our goals and step-up efforts in acquiring a strong and competitive workforce.





In 2014, APEX moved its office to Dubai International Academic City www.diac.ae It was launched in April, 2007 to cater the needs of the region's growing and diverse academic community.

We are devoted to continually improve our Progression, Performance and Attitude by setting measurable, tangible targets and objectives, to ensure that Customer's Requirements and Expectations are met at an agreed Time, Quality & Cost wherever and whenever required.

In 2016, another major Strategic Decision was taken up by the Management to better cater the needs in Business and increase accessibility to a wider market especially in the African Regions.

The decision also opened opportunities for the Egyptian Workforce and provided opportunity to establish successful Strategic Partnerships with vital business sectors, which will achieve the success of both parties locally and internationally.





In this time of change and the emergence of the new economy, we are experiencing an elemental change in the marketplace. This change was drawn about by Globalization, Advance Technology and New Generation of people who desire to make a greater impact and aspire to excel and stand tall among others in the marketplace.

This has paved the way for APEX to realize the importance of Training and Development to help every individual and companies succeed in their field of specialization to achieve their Vision.

VISION

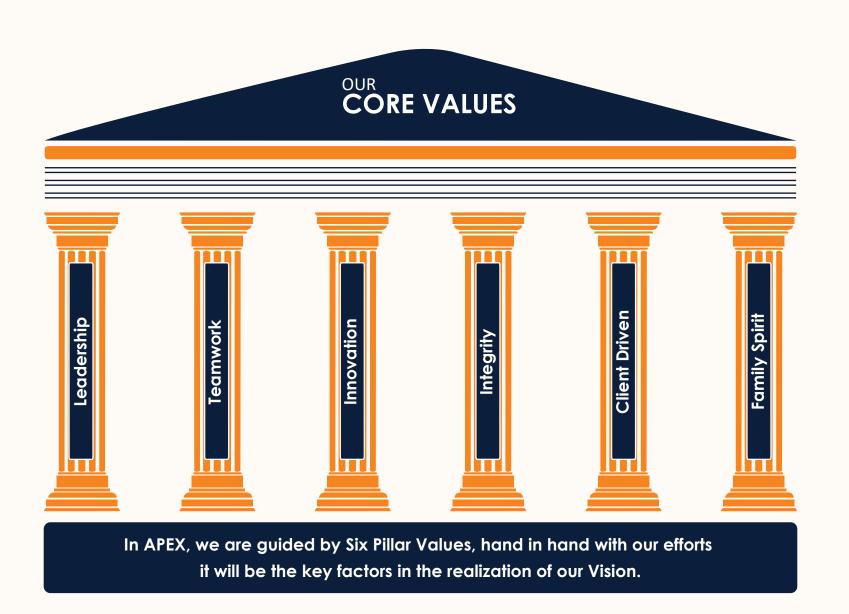
To be one of the global leaders in providing training, development and consultancy services and championing new strategies and methodologies to enhance individual competency leading to business excellence.







To provide up-to-date technologies and methodologies in training, development and consultancy services at the highest standards, outstanding quality and cost effectiveness to build client loyalty and continuous business partnership.





Business Segments:

All Business Related

APEX is dealing with very specific business segments which are mainly in Industrial Organizations and focusing its activities on the core competencies of EIGHT strategic business segments which include Power & Water Utilities, Oil & Gas Technology, Chemicals & Petrochemicals Industry, Iron & Steel Manufacturing, Aluminum Manufacturing, Cement Manufacturing, Light Industries, and Transportation Services.

A well-devised business strategy aligns with our core business mission, and aims to act as a road map for sustained profitability, competitiveness and growth. We generate strategies and methodologies for each business segments. Each of them consists of short and long-term plans outlining the methods and activities necessary to achieve our client's satisfaction.





SERVICE





DISCIPLINES What we provide







Mechanical Engineering (ME)

Mechanical Engineering generally focuses on the creation and evaluation of physical things, but covers a broad range of Technical Areas. Likewise, focusing on power producing and power using machines. Having direct contributions to almost every branch of Industry, Mechanical Engineering provides the launching platform for engineering fields such as Power Generation, Petrochemical Plant, Oil & Gas and Desalination Plants, etc.

Mechanical Engineers use these core principles along with tools like Computer-Aided Engineering (CAE) and product lifecycle Management to design and analyze manufacturing plants, Industrial Equipment and Machinery, Heating and cooling Systems, Transport Systems, Aircraft, Watercraft, Robotics, Medical Devices and more.



- Screw Compressors Operation, Maintenance & Troubleshooting
- MSF Desalination Heat Balance & Performance Ratio Calculations
- Machinery Bearings, Lubrication & Reliability (Engineering Tribology)
- Fundamentals of Rotating Equipment for Industrial Applications
- Rotating Equipment Condition Monitoring & Care Management
- Gas Turbine Layout Operation: Equipment & Accessories
- Rotating Machinery Failure Mode & Effect Analysis Techniques
- Modeling Reverse Osmosis (RO) Process Performance Techniques
- Pumping Station & Pipelines Integrity: Operation & Troubleshooting
- Diesel Engine Generator Operation, Maintenance & Troubleshooting
- Mechanical Engineering for Non-Mechanical Professionals
- Steam Power Plant Layout System & Equipment Operation
- Machinery Vibration Monitoring & Predictive Maintenance
- Gas Turbine Failure Analysis, Investigation & Diagnostics
- Mechanical Power Transmission Tools: Selection & Fault Finding
- Compressors Troubleshooting (Problems, Causes & Solutions)
- Operational Performance & Optimization of RO Plants
- Optimizing Process & Cost Effectiveness for Heat Exchangers
- Heat Rate Audit & Analysis of Thermal Power Plants
- Boiler Cleaning Methods & Inspection Techniques
- Centrifugal Pumps: Selection, Operation & Maintenance
- Integrated Thermal Power & Desalination Plant Optimization
- Gas Turbine Failure Analysis, Investigation & Diagnostics
- Shaft Alignment, Dynamic Balancing Techniques & Measuring Tools
- Valve Technology Applications: Selection & Troubleshooting
- HVAC System Operation & Effective Maintenance Strategies
- Hydraulic & Pneumatic System Maintenance & Troubleshooting
- Heat Exchanger Inspection, Testing & Cleaning Methods Techniques
- Boiler Technology: Types, Construction & Operation
- Gear Box Operation Condition, Inspection & Maintenance

Electrical Engineering (EE)



Electrical Engineering deals with the application of Electricity, Electronics and Electromagnetism. The field now covers a range of sub-disciplines including those that deal with Power, Optoelectronics, Digital Electronics, Analog Electronics, Computer Science, Artificial Intelligence, Control Systems, Signal Processing and Telecommunications.

It is also considered to deal with the problems associated with large-scale Electrical Systems such as Power Generation, Transmission and Distribution then Control System. Electrical Engineers are usually concerned with using Electricity to transmit energy, while Electronic Engineers are concerned with using Electricity to process information. More recently, the distinction has become blurred by the growth of Power Electronics.



- Circuit Breakers Inspection, Testing & Maintenance
- Electrical Fault, Causes, Detection & Remedies
- Grounding, Bonding, Lighting & Surge Protection
- Electrical Distribution Network Automation & Management Systems
- Power Cable Failure Analysis & Investigation Techniques
- Electrical Circuit Drawings & Wiring Diagram Regulation
- Applied Protection Techniques & Devices in Power Systems
- Motors and VFD's (Maintenance & Troubleshooting)
- Electrical Engineering for Non-Electrical Engineers
- Advanced Metering Infrastructure (AMI) in Smart Grid
- Capacitors and Shunt Reactors Operation & Troubleshooting
- Load Flow & Optimum Operation Strategies of Power System
- UPS System & Battery Chargers (Maintenance & Troubleshooting)
- Energy Conservation & Demand Side Load Management
- Transformer Operational Principles, Selection & Troubleshooting
- Power System Restoration Strategy during Emergency & Blackout
- Electrical Wiring Installation & Inspection Procedure
- Wide Area Measurements System (WAMS) Implementation
- HV & MV Substation Design, Testing, & Maintenance
- Testing & Troubleshooting Fiber Optics Installations (Workshop)
- Power System Harmonics: Causes, Effects & Controls
- Substation Earthing Design, Installation and Improvement
- Load Dispatch Center Applications with Hands-On Exercises
- Optimal Control of Static VAR Compensators in Power System
- Electricity Market and Energy Economic and Strategic Planning
- Distribution RMU's Inspection, Maintenance Engineering Strategy
- Electrical Energy Saving in Industrial & Commercial Utilities
- Distribution Control Center (DCC) Applications: Hands-On Exercises
- Electrical System Restoration & Implementation Strategies
- Electricity Market and Energy Economic & Strategic Planning



Instrument & Controls (IC)

Instrumentation and Process Control involves an extensive understanding of current loops and the devices typically found on them. It's quite extensive and explains how the devices are used, without getting involved in the underlying theory. The control of processes is one of the main branches of applied instrumentation. Instrumentation can also refer to handheld devices that measure some desired variable. Diverse handheld Instrumentation & Controls are common in all Industrial Fields.

An instrument is a device that measures and/or regulates process variables such as Flow, Temperature, Level, or Pressure. Instruments include many varied contrivances that can be as simple as Valves and Transmitters, and as complex as analyzers. Instruments often comprise control Systems of varied processes.



- Instrumentation & Automation Control for Process Engineers
- Industrial Automation using PLC Applications
- Process Analytical Technology: A Framework for Innovation
- SCADA System: Architecture, Communication & Applications
- Pneumatic Circuits: Design, Installation & Troubleshooting
- Installation Requirements and Procedures for Field Devices
- Burner Management System (BMS)
- Control Valves Technology: Actuators, Sealing & End Connections
- Testing, Calibration & Maintenance of ESD & SSLS Systems
- Engineering, Configuring & Testing Smart Field Devices
- Calibration, Maintenance & Troubleshooting for Field Devices
- Foundation Fieldbus System: Architecture & Configuration
- Distributed Control Systems DCS: Communication & Configuration
- Advanced DCS Logic: Programming & Alarm Management Systems
- Functional Safety (IEC61508/61511) for the Process Industries
- Industrial Data Communication & Telecommunication Systems
- Practical SCADA Systems for Industrial Applications
- Understanding Tuning Controllers & Control Loops
- Programmable Logic Controller PLC: Architecture & Programming
- Process Engineering Fundamentals: Control & Instrumentation
- Advanced Process Control System Applications
- Level Measurement & Automatic Tank Gauging Applications
- Industrial Instrumentation & Modern Process Control Systems
- Advanced PLC: State Diagram & Sequential Flowchart
- Process Control Strategies: Principles & Applications
- Industrial Process Measurement & Controls: Principles & Applications
- Process Controller, Control Loop & Valve Tuning
- Instrumentation Installation in Hazardous Areas
- Troubleshooting of Data Acquisition & SCADA Systems
- Safety Instrumented Systems SIS: Engineering & Applications

Chemistry & Laboratory (CL)



Chemistry and Laboratory studies the characteristics of substances and the changes they undergo when they are mixed one with another. Chemistry uses this new information to prepare new substances of value to us. It is involved in some way with almost everything we do or use. It is central to most of science and technology, blending at one extreme into Physics, Mathematics and Engineering.

Chemical Laboratory Technology combines a laboratory orientation with a broad theoretical background to provide participants with the skills needed to work alongside professional chemists in a wide range of Industrial Organizations. These training courses focused in chemistry & laboratory techniques and modern chemical instrumentation enables graduates to adapt to exciting technological advances in chemistry.



- Industrial Laboratory: Definitions & Standard Operating Procedures
- Laboratory Information Management System (LIMS)
- Boiler Water Treatment: Concepts, Strategies & Methodologies
- Gas Chromatograph: Troubleshooting & Method Development
- Effective Management of the Chemical Analysis Support Laboratory
- Managing & Operating Industrial Laboratory: Regulations & Procedures
- Corrosion Inspection, Diagnosis, Failure Analysis & Condition Assessment
- Laboratory Safety Procedure & Risk Assessment
- Pre-Treatment, Membrane Fouling & Scaling in RO Plant
- Analytical Instrumentation for Laboratory & Process Control
- Cathodic Protection: Specification, Testing & Monitoring
- Electric Utility Chemistry Workshop: Improving Chemical Control
- Chemical Handling & Dealing with Hazardous Materials
- Drinking Water Treatment Preparation & Process
- Protective Coating for Pipeline & Production Facilities
- Industrial Coatings & Non-Metallic Materials Applications
- Corrosion Monitoring & Control Methodologies
- Water Treatment Techniques & Ideal Operational Strategy
- Water Treatment for Plant Utilities, Offsite & Cogeneration
- ISO 17025 Awareness, Implementation & Internal Audit
- Power Plant Chemistry for Chemist & Chemical Engineers
- Flue-Gas Desulfurization (FGD) Chemistry & Technologies
- Maintenance & Troubleshooting of Laboratory Analytical Equipment
- Enhancing Laboratory Report Writing Skills: Strategy & Methodology
- Safety in Operation related to Chemical & Oil Storages
- Analytical Methods & Techniques Applied to Hydrocarbons
- Lubricants Physico-Chemistry & Lubrication Technology
- Industrial Wastewater: Chemistry & Treatment Process
- Water Chemistry & Treatment for Reverse Osmosis (RO) Plant
- Hydraulic Analysis of Gravity & Pressure Networks



Reliability & Maintenance (RM)

Reliability and Maintenance Management assists clients in improving asset reliability and performance. This strives to develop systems that are engineered to perform reliably so clients can protect the integrity of their assets and increase their return on investment. It helps the organizations with asset-intensive facilities maintain safe, reliable operations through Asset Integrity Management and increase their profitability.

APEX provides an overview of Reliability Centered Maintenance (RCM) Techniques and Procedures, with an emphasis on the use of software for data capture, analysis and reporting. Topics include equipment selection, identifying potential functional failures, evaluating the effects of failure and selecting appropriate maintenance tasks.



- Best Practices for Cost Effective Maintenance
- Maintenance Planning, Scheduling & Work Control Applications
- Reliability Centered Maintenance (RCM): Strategies & Methodologies
- Maintenance Activity-based Costing, Budgeting & Management
- Best Practices Maintenance Plan for Electrical Equipment
- Maintenance Leadership Skills for Maintenance Professionals
- Failure Investigation, Analysis & Diagnosis: Strategies & Methodologies
- Cost Effective & Predictive Maintenance Solutions Strategy
- Implementation & Management of Risk Based Inspection (RBI)
- Asset Management & Condition Monitoring Techniques
- Analysis and Modeling of Maintenance Activities Best Practices
- Applied Statistics, Data Analysis & Forecasting for Maintenance Engineers
- Comprehensive Facility Operation & Maintenance Planning
- Continually Improving Maintenance & Reliability Results
- Assessing & Improving Reliability of Rotating Equipment Machinery
- Total Productive Maintenance (TPM) Implementation Steps
- Operational Excellence as a New Trend in Industrial Organization
- Reducing Costs through Spares Optimization & Rationalization
- Excellence in Maintenance & Reliability Management
- Maintenance Auditing, Benchmarking & Performance Improvement
- Maintenance Outsourcing Management Strategy
- Proactive Power Plant Maintenance Strategies & Methodologies
- Maintenance Technologies: Monitoring, Inspection & Analysis
- Strategies to optimize Shutdowns, Turnarounds & Outages
- Plant Management System based Operational Utilization Activities
- CMMS Implementation, Evaluation and Optimization Techniques
- Lean Six Sigma Implementation: Best Result & High Performance
- Strategic Planning for Plant Organizational Success
- Implementing Effective Preventive & Predictive Maintenance Program
- Data Analysis Techniques for Engineers & Technologists

Oil & Gas Technology (OG)



APEX provides clients with full suite of training courses in upstream Oil and Gas Industry disciplines as well as surface facility and midstream training for Managers, Supervisors, Engineers, Operators and Technicians. All our experts in their fields, with a wide variety of technical and regional experience. Also recognized as the Oil & Gas Education/Training Provider of the Year, reinforcing APEX as the industry's trusted partner for training and competency development.

Delegates will learn and review the core competencies required for successful operation and implementation of an effective operations process in the current global economic downturn. They will complete an In-Course assignment, which analyze their own process operation and which will serve as an action plan for improvement.



- Natural Gas Distribution Network: Operation & Maintenance
- Drilling Well Control & Intervention: Optimization of Well Control
- Understanding Oil & Gas Exploration and Production Technology
- Oil Movement, Storage & Troubleshooting in Refineries
- Troubleshooting Matrix Oil & Gas Processing Facilities
- Natural Gas Liquefaction Process & Equipment Technology
- Wellhead Optimization: Operation, Monitoring & Integrity
- Offshore Pipeline & Subsea Integrity Strategic Management
- Fundamentals of Offshore Systems Design and Construction
- Surface Water Treatment & Water Injection Process Solutions
- Petroleum Project Economics & Risk Management
- Fundamentals of Oil & Gas Production Engineering Applications
- Drilling Optimization & Well Planning
- Basic on Gas Compression Principles/Dehydration/Conditioning
- Process Engineering Applied to Refining & Petrochemical Operation
- Advanced Applications in Gas Processing
- Reservoir Engineering for Non-Reservoir Engineers
- Petroleum Engineering for Non-Petroleum Engineers
- Natural Gas Production Processing & Transportation
- Oil Refining and Petrochemical Process Control Technology
- Petroleum Refinery Processes : Profitability, Reliability & Impacts
- Business Strategy Management for Operations in Oil and Gas Industry
- Inspection of Subsea & Surface Wellhead
- Best Practice of Offshore Pipelines Technical Specifications & Challenges
- Petroleum Project Economics & Risk Management Evaluation Tools
- Advanced Technologies Optimize Artificial Lift, Production Operations
- Artificial Wellhead Equipment & Operations
- Crude Oil Storage, Management, Handling, Measurement and Loss
- Enhancing Efficiency and Reliability in Refinery Process
- Optimizing Liquified Petroleum Gas Plant Unit Operation



Chemicals & Petrochemicals (CP)

Petrochemical Industry training programs are aimed at improving the delegates' knowledge and understanding of the various principles of operation involved in producing, handling and processing hydrocarbons and associated fluids. They will learn a lot of knowledge and skills and contributing towards safe, efficient and economic operation of plant and equipments.

Petrochemical Training courses cover the whole value chain, from refined products to polymers and plastic processing. Our courses are continually evolving, ensuring the most timely topics are covered and that course attendees are fully informed of the key issues facing the industry.



- Introduction to Petrochemical Processing & Technology
- Process Plant Startup, Commissioning & Troubleshooting
- Strategy of Petrochemical Plant Economic & Forecasting
- Technical Integrity & Engineered Safety in Petrochemical Plants
- Process Engineering Applied to Petrochemical Operation
- Fundamentals of Petrochemical Plant Economics & Forecasting
- Feedstocks for Petrochemical Industry
- Economic Framework of Petrochemical Industries
- Flare System Process & Operation
- Basic Operation Skills for Technician in Petrochemical Plants
- Technical Integrity & Engineered Safety in Petrochemical Plants
- Petrochemical Process Troubleshooting & Problem Solving
- Process Plant Performance & Efficiency Calculation for Chemical Plants
- Polymer & Polymerization Technology
- Base Chemicals & Polymers Manufacturing
- Production of Olefins & Aromatics
- Exploiting the New Regional Opportunities in Petrochemicals Industry
- Applied Chemical Engineering for Petrochemical Industries
- Production of Paraxylene Aromatics Loop
- The Petrochemical Industry: Technology & Economics
- Understanding the Complex Interactions of Petrochemical Industry
- Improving Business Strategies in Petrochemical Industry
- Analysis and Evaluation of Chemical & Petrochemical Industries
- Commodity Plastics Manufacturing
- Energy Statistics of Petrochemical Industry
- Risk based Inspection (RBI) in the Petrochemical Plants
- Introduction to Polymer & Plastics Industry
- Chemical Engineering and Basics for Polymerization
- Optimizing Operational Cost in Petrochemical Plants (OpEX)
- Impact of Feedstocks & Cost on Petrochemical

Iron & Steel Manufacturing (IS)



APEX Dubai organize many Technology Training Courses each year focuses on a specific process, engineering aspect, equipment or technology associated with the manufacturing of Iron and Steel field. Strength is a word commonly associated with steel, the backbone of modern infrastructure. Strength is also synonymous with APEX's Trainers interactive training for industry.

APEX's Iron and Steel Program builds industry-relevant competencies using world-class simulators featuring industry-standard components and highly interactive curriculum. Our courses build job-ready competencies for welders, boilermakers, structural technicians / engineers, pipe fitters, iron / steel workers, and assemblers through strong theory immediately reinforced with hands-on applications.



- Steelmaking Process designed for Process Engineers & Supervisors
- The Making, Shaping & Treating of Steel
- Ladle Treatment and Casting of Steel & Alloy
- Incident & Accident Prevention in Blast Furnace Ironmaking
- Metallurgical Furnace: Second Metallurgy/Ladle Furnace Treatment
- Operation & Cost Effective Optimization of Pelletizing Plant
- Technologies of Roll Pass Design & Mill Operation Strategy
- Metallurgy of Iron & Steel Engineering Applications
- Electric Arc Furnace (EAF) Steel Making Process
- Fabrication & Erection of Steel Structures
- Processing and Reusing Technologies for Steelmaking Slag
- Blast Furnace Modelling and Visualization
- Improved Control of Inclusion Chemistry for Steel Ladle Furnace
- Exploration, Mining & Processing Fundamentals
- Energy and Environment Management on Iron & Steel Manufacture
- Principles of Extractive Metallurgy Solutions
- Raw Materials Preparation and Evaluation for Iron & Steel Factory
- Steelmaking Technology with Reference to EAF
- Inclusion Control Model in Ladle Metallurgy Furnace
- Secondary Metallurgy Adding Value to your Steelmaking Process
- Iron-Bearing Burden Materials, Ironmaking Refractories
- Fundamental Aspects Concerning Secondary Steelmaking
- Ferrum Iron Ore Industry Market Fundamentals
- Iron Ore Market & Industrial Drivers: Future Development
- Technical Development of Refractories for Steelmaking Processes
- Iron Ore Trading & Risk Management
- Iron and Steelmaking Processes & Refractories
- Fundamental of Pelletizing Iron Ore
- The Basics Iron Ore & Steel Making Technology
- The Metallurgy of Iron and Steel for Non-Experts



Aluminium Manufacturing (AL)

The Training in Aluminium Manufacturing has become a very important aspect of current Industrial Fields. Manufacturers require from the equipment supplier not only process recipes for their processes, but in addition, performance guarantees for deposition rates, spare parts and operation & maintenance procedures, etc. Frequently complete process characterization is requested, showing sensitivity, limitations and criticality for each particular process.

Technical knowledge and skills will be gained in areas such as operating equipment, instrumentation, process, maintenance and troubleshooting. It helps the organizations with asset-intensive facilities maintain safe and reliable operations through Asset Integrity Management and increase their profitability through Reliability Engineering Excellence, Maintenance and Operational Performance.



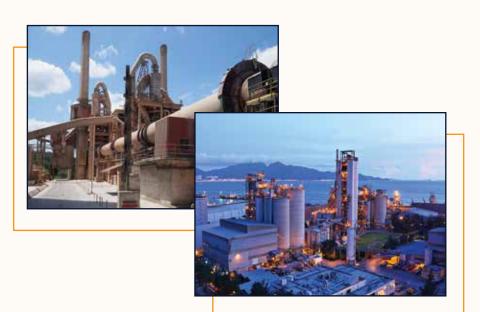
- Aluminium Smelting Process & Technology
- Energy Consumption Optimization of Aluminium Production
- Optimizing the Use of Rolling Plant Capital Equipments
- Optimizing Furnace Operations for Aluminium & Saving Energy
- Aluminium Process and Production System: Control & Optimization
- Aluminum Alloy Castings: Properties, Processes & Applications
- Pot Ventilation & Dry Scrubbing Operations for Aluminium Smelters
- Operating Costs, Material and Energy Consumptions
- Technical Progress in the Aluminium Industry
- Aluminum Production, Processing & Applications
- Optimum Performance for Aluminium Process Improvement
- Introduction to the Metallurgy of Aluminium Alloys
- Chemical Composition & Form of Aluminium Products
- Quantitative Analysis of Aluminum Smelting in a Factory
- Aluminium Alloys: Properties & Selection Criteria
- Metallurgy, Surface Treatment & Experimental Techniques
- Aluminum Recycling and Processing for Energy Conservation
- Aluminium Machining & Forming (AMF) Applications
- Aluminium Alloy Constitution & Heat Treatment Process
- Adaptability of Aluminum to Fabrication & Machining Process
- Advanced Aluminum Process, Carbon, Production & Reduction
- Production & Casting of Aluminium and Its Alloys
- Aluminium Industry: Environment, Technology & Production
- Cast-house Operations & Process Control
- Human Health Risk Assessment for Aluminum Industry
- Modern Furnaces for Aluminum Scrap Recycling
- Hot & Cold Rolling of Aluminium Flat Products Technology
- Electricity Consumption in The Production of Aluminium
- Aluminium Process and Production System: Control & Optimization
- Fundamentals of Metallurgical Properties of Aluminium

Cement Manufacturing (CM)



APEX has trained many of participants in the Cement and Concrete Industry. Our courses are matched with their depth and breadth of technical knowledge, and their insights into cutting-edge technology through enhancing their Skills. That heritage of excellence continues today through a broad mix of traditional courses, specific programs and customized training as per their actual needs.

Throughout the training programs, participants will learn anddemonstrate some activities of their work closely with you to assess your needs, identify training topics and content, and determine the most effective training delivery methods. We can provide a custom mix of topics and approaches at your site, a convenient off-site location.



- Blended Cement Operation & Process Techniques
- Quality Control Censorship for Pollution in Cement Industry
- Cement Industry Engineering & Technology
- Clinker Grinding, Milling & Separation Cycle Techniques
- Evolutionary Modeling & Optimization of Grinding Processes
- Burning & Grinding Technologies
- Cement & Concrete Technology & Practice Course
- Cement Factory Maintenance & Optimization.
- Cement Factory Quality Control
- Cement Plant Supervisor / Foreman training
- General Plant Equipment and Trouble shooting
- Grinding and Milling Systems
- Measurement Technologies and Process automation
- Quality Control Censorship in Pollution for Cement Industry
- Raw Material Extraction and Handling
- White Cement Manufacturing Technology
- Cement Manufacturing Technology
- Cement Factory Quality Control
- Cement Factory Maintenance
- Grinding and Milling Systems
- Technical Difficulties and Problems in Cement Industry
- Clinker Production Technology
- Controlling cement quality, raw materials and products
- cement plant management
- Cement Chemistry and Quality Control
- Design and Control of Concrete Mixtures Course
- Heat & Power Consumption in Cement Factories
- Raw Material for Cement Industry
- Cement Manufacturing Process Technology & Standards
- Raw Material for Cement Industry



Project Management (PM)

Contracting is an integral part of Project Management, and it can have a critical influence to the outcome. Our programs cover the processes of contract management in details through a lot of training courses which it will cover lot of issues related to Project Management, Planning & Scheduling, Negotiation & Managing Framework Contracts and learn a lot of Feasibility Study & Project Economics.

Knowledgeable Project executives recognize that a major ingredient or project success is the accurate development of project costs based on a well-defined scope. It is therefore essential to have a working understanding of engineering economics and cash flow analysis to evaluate and select between project alternatives.



- Advanced Construction Management and Project Execution
- Applying Project Control: Project Monitoring, Reporting & Control
- Best Practice Project Management (PMBOK based)
- Best Practices in Managing Construction Project
- CAPM Certification Examination Preparation (PMBOK based)
- Contract Administration Negotiation & Managing the Framework
- Contract and Project Risk Management & Compliance
- Contract Risk Management & Compliance
- Construction Technical Skills and Managing Consultants
- Cost Estimating, Budgeting & Cost Control
- Design Management for Construction Projects
- Effective Construction Contract Management & Administration
- Effective Project Management (PMBOK)
- Effective Purchasing and Contract Negotiation Strategies
- Effective Purchasing, Tendering & Supplier Selection
- Project Management Leadership Skills
- Essential Tools and Techniques (PMBOK based)
- Facilitation Skills for Project Leaders
- Feasibility Study & Project Economic: Financial Appraisal
- Profit Management Office Certificate (PMOC)
- Managing and Negotiating with Consultants & Contractors
- Negotiation, Managing & Administration Framework Contracts
- Planning, Organizing & Controlling Projects (Principles & Applications)
- PMI Risk Management Professional (PMI-RMP®) Exam Preparation
- Primavera Contract Manager: Basic Course
- Project Analysis: Tools and Techniques for Managing Risk & Uncertainty
- Project Initiation and Planning Fundamentals Processes
- Project Management & Bid Evaluation Strategies
- Project Management Fundamentals (APMBOK based)
- Best Practices for Project Management in Oil and Gas

Supply Chain Management (SC)



Supply Chain Management will introduce the fundamental aspects of the supply chain environment, including enterprise resource planning systems and requirement systems. The interrelationships between purchasing, vendor selection, sources of supply, inventory and warehouse will also be explored in these programs.

Supply Chain Management (SCM) is the 21st century global operations strategy for achieving organizational competitiveness. Companies are attempting to find ways to improve their flexibility and responsiveness and in turn competitiveness by changing their operations strategy, methods and technologies that include the implementation of SCM paradigm and Information Technology (IT).



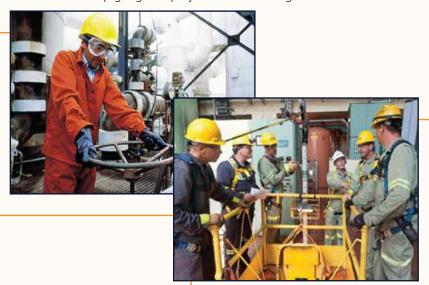
- Inventory Management: Forecasting & Stock Control Techniques
- Procurement and Supply Chain Management Best Practices
- Supply Chain Strategies: Responsiveness & Advanced Topics
- World Class Practices in Warehousing Stores & Stock Management
- Effective Purchasing, Tendering & Supplier Selection
- Managing Supply Chain for Risk & Competitive Advantage
- Strategic Decision Framework for Green Supply Chain Management
- Purchasing Management & Cost Saving Techniques
- Integrated Procurement, Logistics and Supply Chain Management
- Defining and Implementing Effective Sourcing Strategies
- Aligning Supply Chain Strategies: Efficiency & Cost Saving
- Managing Supplier & Vendor Selection, Appraisal, & Performance
- Successful Safe Material Handling during Warehouse Operations
- Effective Warehouse Operation & Inventory Management
- Measuring and Managing Performance in Supply Chain
- Lean Warehousing & Distribution Operations
- Managing the Logistics and Transport Environments
- Modern Trends in Purchasing & Warehouse / Stores Management
- Management of Supply Chain for Risk and Competitive Advantage
- Managing Transport and Logistics Operations
- Supply and Distribution: Organization, Operation and Economics
- Certified International Purchasing Professional (CIPP) Level 01
- Certified International Purchasing Manager (CIPM) Level 02
- Certified International Supply Chain Professional (CISCP, Level 1)
- Certified International Supply Chain Manager (CISCM, Level 2)
- Best Practice In Warehouse Operations And Management
- Optimum Utilization of Inventory & Stock Control
- Managing and Improving Effective Warehouse
- Dynamic Supply Chain & Logistics Management
- Forecasting Stock Control & Material Inventory Techniques



Health and Safety (HS)

Effective safety training is an unofficial phrase used to describe the training materials designed to teach occupational safety and health standards developed by the United States government labor organization, Occupational Safety and Health Administration (OSHA). Employers have a legal responsibility to educate employees on all workplace safety standards and the hazards that their employees may face while on the job, and providing effective safety training meets that responsibility.

Employers must document all training. Creating a training matrix will help keep track of who has been trained, when they were trained, the training topic, and when it is time for refresher training. Employees must also sign an official sign-in sheet provided by the employer that can serve as proof that employees received proper training. Tests or quizzes on the presented material can help gauge employee understanding of the material.



- Certified Rigging Safety Operation
- Certified Emergency Response Planning
- International Emergency First Aid at Work
- First Aid International Emergency First Aid at Work
- Certified Fork-lift Truck Safety
- Hazardous Chemicals: Handling, Storage, Disposal, Monitoring & Response
- Risk Management & Risk Assessment in Oil and Gas Industries
- NEBOSH International Certificate in Fire Safety and Risk Management
- First Aid International Basic First Aid
- Certified Electrical Safety for Electrical Utilities
- Hazard & Operability Studies (HAZOP)
- IOSH Managing Safely
- Certified Fork-lift Safety Technician
- Certified Train the Safety Trainer
- Safety & Risk Management in Onshore Operation and Prediction
- NEBOSH International General Certificate in Occupational Health & Safety
- Certified Safety Leadership and Safety Culture
- Fire Prevention, Protection & Safety on Power Plants
- Certified Personal Protective Equipment
- Advanced Process Hazard Analysis (PHA) Methods & Leadership
- Certified Gas Welding Safety
- IOSH Working Safely
- Handling of Hazardous Materials
- IOSH Safety for Senior Executives
- Emergency Response Planning and Crisis Management
- IOSH Accident Investigation
- NEBOSH International Technical Certificate in Operational Safety
- NEBOSH General Certificate
- IRCA approved OHSAS 18001:2007 Lead Auditor
- Incident & Accident Investigation & Root Cause Analysis

Leadership & Management (LM)



Among all of the necessary priorities for business survival and ongoing success, the importance of leadership training cannot be overestimated. Regardless of the size or structure of your business. This is one of the fundamental reasons why more businesses and corporations are turning to professional workshops and seminars to teach their managers a proper leadership skills. Effective management and leadership goes far beyond the technical aspects of the position.

When a business approaches a professional training agency for the supervisory and leadership staff they are basically ensuring the greater productivity of their company. There are some extremely fundamental skills that are taught at these workshops and effective communication is one of them. Other important leadership skills are based on team atmosphere creation, delegation and conflict management.



- Motivating Employees & Leading Organizational Change
- Managing Multiple Tasks: Priorities & Deadlines
- Strategic Planning for Organizational Behavior Success
- Plant Management & Leadership: Strategies, Methodologies & Tools
- Inspiring Leadership through Emotional Intelligence
- Management & Leadership Applications for Line Managers
- Performance Management & Improvement Strategy
- Creative Problem Solving & Decision Making Techniques for Leaders
- Balanced Scorecard: Achieving Performance Excellence
- Leadership Development Workshop Putting Leadership into Practice
- Leadership Best Practices: Leadership, Influence and Trust
- Setting Priorities & Make Decisions Under Pressure
- Leading with Emotional Intelligence: Psychology of Leadership
- Enhancing Management Skills: Goal Setting, Planning & Organizing
- Managing & Motivating Towards Excellence: Traits & Techniques
- People Management Skills for New Supervisors & Team Leaders
- Effective Budgeting & Cost Control Leadership
- Managing Conflict, Handling Difficult People & Change
- Process Management, Mapping & Improvement
- Strategic Tools for Effective Leadership Skills
- Time Management, Planning, Organizing & Goal Setting
- Visionary Leadership, Strategic Thinking & Organizational Planning
- Time Management, Planning, Organizing & Goal Setting
- Business Continuity & Risk Management Strategy
- Situational Leadership for Engineering Professionals
- Leadership & Personality at Work -The Power of Positive Thinking
- Practical Tools for Effective Leadership: Coaching & Mentoring
- Creating a Success Mindset & Alignment with Organization
- Motivational Leadership and Building Successful Teams
- Creating your Own Leadership Development Plan



Job Behavior (JB)

Job Behavior refers to the 'do' part of your work. It relates to how you do your work and how you get your work done. Work behavior attitude can be seen. It is the actual work. You can see the result of your work behavior attitude be it a report or a finished good. Your colleagues can see it. It is the action. They can see if you worked hard. They can see if you do your work with skills and applied the knowledge you know into the work.

It is equally important to have a great work behavior attitude as it is to have a great work attitude behavior at work. Many trainers are faced with the challenge of motivating their training program participants to use the new skills they learned during the program back in their workplace, Whether it is using many methods to enter customer interactions, or acting in a more collaborative manner with others.



- Resolving Conflicts & Building Wining Partnerships
- Developing Effective Communication Skills
- Creating Effective Job Behaviors in the Workplace
- Time Management & Stress Control Techniques
- Emotional Intelligence & Diversity for Multicultural Organization
- Building High Performance Team to Success & Beyond
- Technical Report Writing Skills for Technical Professionals
- Managing & Controlling Stress at Workplace
- Enhancing Supervisory Skills for Technical Professionals
- Customer Service Strategy (Achieving Excellence)
- Embracing & Leading Behavior Change Techniques
- Enhancing Operator & Technician's Behavior
- Time Management, Planning, Organizing & Goal Setting
- Masterclass for Executive Secretaries & Administrative Professionals
- Human Relations Movement & Organizational Behavior
- Enhancing Employability Skills: Moving from Framework to Practices
- Familiarization Program for Fresh & Undergraduates
- Developing and Maximizing your Personal Effectiveness
- Business Etiquettes: Social Graces, Etiquette & Body Language
- Detection & Diagnosis of Human Failures in Workplace
- Improving Human Capital Performance & Productivity
- Developing Integrated Career Development & Succession Planning
- Effect of Attitudes, Values & Emotions in Workplace
- Organization's Approach toward Talent Management
- Improve Creative Thinking & Innovation Skills
- Office Management & Effective Administration Skills
- Reducing Human Errors and Influencing their Behavior
- Personal Effectiveness & Effective Time Management
- Dealing with Difficult Minded People & Conflict Resolution
- Public Speaking & Powerful Presentation for Professionals

Quality & Credibility





APEX a fully Accredited Training Provider Center awarded by IAO (International Accreditation Organization).

IAO endorses that our Educational Programs are on a par with the Global Standards.



KHDA - APEX is an approved Training Provider by (Knowledge and Human Development Authority) Government of Dubai, UAE.

www.khda.gov.ae





ISO 9001:2015 - APEX has been certified as International Standard compliant by **UKAS** Management System specifying the requirements for a Quality Management System after demonstrating its ability to consistently provide Services.



A statement of APEX's commitment in adhering to **industry good practice** is emphasized by obtaining membership with the Energy Institute. Company practices has always been aligned with the goals of the institute, and development of training courses also implies the association of its principles and practices to enhance social responsibility in whatever it does.





APEX offers multiple services within Human Capital Development aligned with its focus on behavioral competency development. This focus is underpinned by the ability to sustain long-term reinforcement and development with clientele and delegates at the pre and post training phase. Exceeding customer expectations and building long-term partnerships are the cornerstones of our vibrant company that are complimented by unique skill sets.

The key to the success of our programs is the immediate relevance of the curriculum to Client's Business. In APEX, we specialize in tailoring our training offerings to meet the specific requirements of trainees and we can customize our existing course-ware for your job specifically or work directly with your company to create Training for Specific Purpose.

"APEX believes that Continuous Learning is essential to enhance
Individual Competency Leading Business Excellence"

"Service Categories"







APEX has been offering on-site training courses to their clients, who wishes to avail itself of the advantages of having its Professional Development Training provided within its premises or at any other convenient location. We can provide off-shelf courses on a wide range of Engineering and Management Topics.

On-site training courses are available for organizations that requires specific and tailored-made course. These categories of courses typically provide cost benefits to clients that have at least eight (8) employees and more who need technical knowledge and enhancing job skills. The training will be provided within the client's premises or at any other convenient location.

We can also customize them to bring maximum benefit in the shortest possible time to meet the specific needs of every individual in their companies. In addition, the benefits can be realized such as Economical Cost, Outstanding Quality, Flexibility, Convenience, Privacy, and Suitable Number of Participants.





Public Training Global Clients, Cities World Wide

Public training courses are available to employees from any organization and are perfect when you want to train one or two people. We run this regularly and provide effective training allowing you to network with peers from different industries. The courses are led by expert tutors who are skilled in both their subject matter and in the most effective ways for delegates to learn. Some courses lead to certificates or qualifications and may involve an examination.

The training topics are selected based on Market Survey, Clients' needs, and APEX Advisory Committee Recommendations. We take great care in selecting high quality venues, paying special attention to location, facilities and service standards. These participants also benefit from sharing experiences with others from various organizations to gain a new perspective on common challenges. Our list of public courses is constantly reviewed and updated.









Vocational Training

Learning by doing (Know-How)



APEX have qualified resources and a wealth of experience to understand and develop People in Industrial Organizations. We work with our Clients to unlock their true Potential, whilst optimizing their Performance and help them to achieve their Goals. Developing countries have been concentrating on higher education and have neglected Vocational Training.

For better-adapted solutions to meet these needs, APEX has a mutual agreement with professional organizations e.g. Factories, Plant, or Training Centers to conduct practical workshop by their experts in their premises where accessibility of equipment, practical environment and availability of the to institutionalize learning and skills. These workshops also include trainees mentoring to ensure that the developed skills are properly practiced and can be transferred and applied directly to their specific job.







Hands-On Training Learn Smooth Operation Techniqus

Learning by doing is always the best way to learn new concepts and acquire new skills. APEX offers various practical activities either as a standalone course or incorporated within the methodologies of the other Service Categories. On average, 40% of your course time is devoted to hands-on exercises to give the trainees practical knowledge, hands-on experience, course activities and real-world simulations to help them gain new knowledge and skills to apply it immediately when they return to their jobs.

These programs are designed for customers to participate and understand the proper operations of the equipment, system, unit and plant. Also Participants will gain valuable training on the application of the equipment to meet various jobsite requirements, as well as understanding of work methods, safety procedures and troubleshooting.













By defining the Student Programs framework, APEX is validating its objective of supporting excellence. Furthermore, the framework is designed to support and underpin key business processes including (but not limited) to effective recruitment and selection of new staff, effective performance evaluation and identification of skill gaps that result in Career Path Development and Succession Planning.

Our flexible curriculum and intensive hands-on course work gives students a holistic view of the field, an understanding of how to solve problems, and a focus on modeling and abstraction that prepares them for success in a wide range of industries to bridge the gap between Educational Environment and Business Community.



Long-Term Programs Roadmap of Your Professional Future

Long Term Programs are managed programs such as Familiarization Program for Fresh Graduate Engineers, Technicians and Operators, Supervisory Development Program (SDP), and Enhancing Leadership Skills for Young Leader Engineers.

The Benefits are surmountable and include, but are not limited to developing skills and abilities consistent with the goals of the organization, performance productivity improvement, "working smart," maximizing equity in evaluation, recognition, improvement of communication and understanding between management and employees.







Many Industrial Organizations think of solutions only when an incident occurs. This should not be the case. Solutions can be prepared for any unforeseen events. This pre-emptive approach to different scenarios can be created by our team of highly qualified consultants. Tailored courses and getting solutions that suit teams with specific needs and bring fresh thinking and ideas into the workplace through APEX's network of industry experts.

We're partnering with businesses to Analyze business problems and opportunities, and creating tailor-made solutions which could involve a mix of training, mentoring, research and use of APEX's facilities and equipment.

APEX has a pool of highly experienced practical and theoretical consultants in highly technical aspects of engineering. We can organize a specialized group of consultants to conduct studies and investigation of any incident, to come up with a scientific conclusion and recommendation to implement a solution.







Consultancy Services Assessment for Organizational Development



Consultancy Services is provided by a professional advisor. It develops findings, conclusions and recommendations that are presented to the client for consideration and decision making. We help companies improve their performance through analysis of existing business problems and development of future plans and its execution. We work with our clients to unlock their true potential, whilst optimizing their performance and help them to achieve their goals.

We bring formal frameworks or methodologies to identify problems or suggest more effective or efficient ways of performing business development solutions. We also offer personal development coaching and workshops to enable you to reach your full potential and help you to be through one-on-one coaching motivational and stress management group workshop.







At the heart of our programs is our commitment to ensure that all courses are valuable, practical, highly interactive, and action-oriented and our training methodology reflects this. Our methodologies are designed in a helpful manner to the participants, topic essential, that can easily promote the development of Knowledge, Skills, and Attitudes (Job Competency).

This Methodology of our training to enhance learning outcomes for trainees and focus on problem solving and getting-solutions based training. Also, a part of our methodology is to seek feedback from the participants to know if their intended learning outcomes have been met their requirements and to help them in planning and follow-up.











Our Pool of Instructors and Consultants are composed of high caliber professionals who have undergone tremendous in-depth studies in their individual field of expertise. They establish a supportive climate; provide encouragement and reassurances and responds openly to the queries and questions raised by the trainees. They reinforce pragmatic training thus helping the trainees to be conversant with the subtle techniques, making the most of their available skills and knowledge.

We are always looking for Instructors and Consultants with highly qualified and who are combining their practical experience with theoretical knowledge to join our fast growing network in APEX.



Selection Criteria

Advisory Board Committee



Non-binding Strategic Advice

The Advisory Board Committee is responsible for the evaluation, development and recommendation for enhancing and improving APEX services. The Committee will operate to establish strategic direction and priorities as well as to recommend key programs and actions needed for further improvements. Advisory committees are essential to the successful initiation of our programs, and they play an important role in guiding, strengthening, and improving existing and future programs.

The Advisory Board Committee will establish a regular meeting schedule and will aim to meet approximately twice a year to start, or more frequently if needed. Their roles are to advise, assist, support and advocate the Technical Programs. They should also provide specifications for a program and help ensure its quality. An advisory committee's role is not to "rubber stamp" what already exists, but to offer suggestions for improvements that will help the programs to grow and expand.



They will work to reach agreement on priorities and issues whenever possible.



Clients



















































































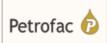






























































Clients















































































































































أوربك Orpic







Strategic Alliances are partnerships in which two or more companies work together to achieve objectives that are mutually beneficial for long Term period. APEX formed a Strategic Alliance with many Partners around the world in different business segments that let all thought would benefit both of them in the Business and add value to clients. This Strategic Alliance engaged APEX by the market players which is Vital Importance for to understand in order to success and can help out long-term Goals to reach to Company's Vision.

In APEX, We believe that the Strategic Alliances can deliver significant benefits including reducing our time to Market, providing to Strategic Markets and increasing our Company valuation to name a few. Our Management create a rules and criteria in depth to determine who should be our Partner and evaluate its potential, then recommended to complete the process to be effective Alliance Partner and how the Strategic Value of alliances can be leveraged.



find the Right One, Company Win; pick the Wrong One, Company lose;



"What the mind can conceive and believe, the mind can achieve."

-Napoleon Hill



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