



ROCKSERV

FOR PETROLEUM SERVICES

The background of the lower section is a composite image. On the left, there is a faded, semi-transparent image of an offshore oil rig. On the right, there is a clear image of a white supply vessel with a blue hull, named 'MARWESTER', sailing on the water. The vessel has a logo on its bow that consists of the letters 'LE' inside a circle.

Rockserv Training Catalog 2023-2024

THANKS FOR CHOOSING US AS YOUR AGENCY PARTNER.

Who we are

Rockserv is petroleum consulting company based in Cairo, Egypt. Specialized in training and consultation, The Company cooperates with an international associations & a group of consultants, Executives, and Practitioners who have standing experience records as prominent experts in their technical specialization and Management Development, particularly in the Oil & Gas Industry.

Rockserv Services include integrated geological, geophysical and reservoir engineering studies covering evaluations of bid rounds, exploration acreage, exploitation and field development studies.

Services include : 2D /3D Seismic interpretation , sequence stratigraphy , biostratigraphy , sedimentology , petrophysical log analysis, structure and velocity modeling , structure restoration , fault seal analysis , 3D stochastic reservoir characterization and modeling , reservoir engineering studies , production forecast , history match and 3D dynamic simulation . Studies are supported by strong geological, geophysical and engineering software capabilities.

Courses

Rockserv courses Taught by professional from oil and gas industry with current knowledge and years of field experience, course allow for open discussion and ample interaction with instructors and fellow participants. Both upstream and downstream courses are covered. Participants enjoy the highly interactive design of our programs. To ensure maximum learning, we employ a unique blend of lecture, group discussion and a challenging business simulation workshop. Long term training is principally designed as the client request for fulfilling's competences.

Vision:

We in Rockserv are embracing the fact that Oil and Gas industry is an extremely challenging business that needs to be operated with the maximum technical skills, as well as academic knowledge. Employees should have a continuous support of trainings to refresh knowledge and help them keep up with the pace of activity of the Market.

Mission:

Our mission is to deliver the latest updates in oil and gas field of Industry as well as in- rich the know-how of both new and experienced hires with efficiency and optimum effectiveness.

Long term training for mechanical engineer

Technical Skills

1. Equipment Maintenance and Reliability:

- **Predictive Maintenance:** Techniques for predicting equipment failures and planning maintenance.
- **Condition Monitoring:** Using sensors and data analysis to monitor the health of machinery.
- **Reliability-Centered Maintenance (RCM):** Strategies for improving the reliability and performance of equipment.

2. Rotating and Static Equipment:

- **Pump and Compressor Technology:** Understanding the operation, maintenance, and troubleshooting of pumps and compressors.
- **Heat Exchangers:** Design, maintenance, and performance optimization.
- **Pressure Vessels:** Knowledge about the design, inspection, and safety of pressure vessels.

3. Piping and Pipeline Engineering:

- **Pipeline Integrity Management:** Ensuring the structural and operational integrity of pipelines.
- **Stress Analysis:** Techniques for analyzing stress in piping systems.
- **Corrosion Control:** Methods for preventing and managing corrosion in pipelines and equipment.

4. Advanced Materials and Metallurgy:

- **Material Selection:** Choosing the right materials for different applications in the refining process.
- **Failure Analysis:** Understanding why materials fail and how to prevent it.
- **Welding and Fabrication:** Advanced welding techniques and fabrication methods.

Safety and Compliance

5. Process Safety Management (PSM):

- **Hazard Identification and Risk Assessment (HIRA):** Techniques for identifying and assessing risks.
- **Safety Instrumented Systems (SIS):** Design and maintenance of systems that ensure safe operations.
- **Incident Investigation:** Learning how to investigate and learn from incidents to prevent recurrence.

6. Health, Safety, and Environmental (HSE) Management:

- **HSE Regulations and Compliance:** Keeping up to date with local and international regulations.
- **Emergency Response Planning:** Preparing for and responding to emergencies effectively.
- **Environmental Impact Assessment:** Assessing and mitigating the environmental impacts of operations.

Emerging Technologies

7. Digital Transformation:

- **Industry 4.0 Technologies:** IoT, AI, and big data analytics applications in mechanical engineering.
- **Automation and Control Systems:** Advanced automation techniques and control systems.
- **Digital Twin Technology:** Creating digital replicas of physical assets for better monitoring and management.

8. Sustainable Engineering:

- **Energy Efficiency:** Techniques for improving energy efficiency in operations.
- **Renewable Integration:** Integrating renewable energy sources into existing systems.



- **Waste Reduction:** Strategies for minimizing waste and improving sustainability.

Management and Leadership

9. Project Management:

- **Project Planning and Execution:** Skills for successfully planning and executing projects.
- **Cost Management:** Techniques for managing project budgets and controlling costs.
- **Quality Management:** Ensuring project quality and meeting standards.

10. Leadership and Communication:

- **Team Leadership:** Developing skills to lead and motivate teams.
- **Effective Communication:** Enhancing communication skills for better collaboration.
- **Conflict Resolution:** Techniques for resolving conflicts and managing team dynamics.

Continuous Improvement

11. Lean and Six Sigma:

- **Lean Manufacturing:** Techniques for reducing waste and improving efficiency.
- **Six Sigma:** Methods for improving quality and reducing variability.
- **Continuous Improvement Processes:** Strategies for ongoing improvement in operations.

12. Innovation and R&D:

- **Research and Development:** Encouraging innovation through research and new technology development.
- **Technology Transfer:** Applying new technologies and best practices from other industries

Long term training for HSE engineer

Safety Management

1. Occupational Health and Safety (OHS):

- **Safety Culture and Behavior-Based Safety (BBS):** Promoting a proactive safety culture and understanding human behavior in safety practices.
- **Hazard Identification and Risk Assessment (HIRA):** Techniques for identifying and assessing workplace hazards and risks.
- **Emergency Response Planning and Management:** Preparing for and managing emergency situations effectively.

2. Process Safety Management (PSM):

- **Process Hazard Analysis (PHA):** Conducting hazard and operability studies (HAZOP) and other PHA methods.
- **Safety Instrumented Systems (SIS):** Design, implementation, and maintenance of safety systems to prevent process-related incidents.
- **Incident Investigation and Root Cause Analysis:** Techniques for investigating incidents and identifying root causes to prevent recurrence.

3. **Regulatory Compliance and Standards:**

- **OSHA Regulations:** Understanding and complying with Occupational Safety and Health Administration standards.
- **ISO 45001:** Implementing and maintaining an occupational health and safety management system.
- **API Standards:** Familiarity with American Petroleum Institute safety standards and best practices.

Environmental Management

4. **Environmental Regulations and Compliance:**

- **Environmental Impact Assessment (EIA):** Assessing and mitigating environmental impacts of operations.
- **Waste Management:** Strategies for reducing, recycling, and disposing of waste safely and efficiently.
- **Air and Water Quality Management:** Techniques for monitoring and controlling air and water pollution.

5. **Sustainability and Environmental Protection:**

- **Sustainable Practices:** Implementing sustainable practices to minimize environmental impact.
- **Carbon Footprint Reduction:** Strategies for reducing greenhouse gas emissions and improving energy efficiency.
- **Biodiversity Conservation:** Understanding and protecting local ecosystems and biodiversity.

Risk Management

6. **Risk Assessment and Management:**

- **Quantitative Risk Assessment (QRA):** Using quantitative methods to assess and manage risks.
- **Safety Case Development:** Preparing safety cases to demonstrate the safety of complex operations.
- **Business Continuity Planning:** Ensuring operational resilience and continuity in the face of disruptions.

7. **Health Risk Management:**

- **Occupational Health Management:** Identifying and managing health risks associated with workplace exposures.
- **Ergonomics and Human Factors:** Designing workplaces and tasks to optimize human well-being and performance.
- **Pandemic Preparedness:** Preparing for and managing health risks associated with pandemics and other public health emergencies.

Emerging Technologies and Innovations

8. **Digital Transformation and Data Analytics:**

- **IoT and Wearable Technology:** Using IoT devices and wearables to enhance safety and environmental monitoring.
- **Big Data and Predictive Analytics:** Leveraging data analytics for predictive maintenance and risk management.
- **Digital Twins:** Creating digital replicas of physical assets to monitor and optimize safety and environmental performance.

9. Cybersecurity:

- **Cybersecurity for Industrial Control Systems:** Protecting control systems from cyber threats.
- **Incident Response and Recovery:** Preparing for and responding to cybersecurity incidents.
- **Cyber Risk Management:** Assessing and managing cyber risks in safety-critical environments.

Leadership and Communication

10. Leadership and Management Skills:

- **HSE Leadership:** Developing leadership skills specific to HSE roles.
- **Change Management:** Managing organizational change to improve safety and environmental performance.
- **Effective Communication:** Enhancing communication skills for better stakeholder engagement and safety training.

11. Training and Competency Development:

- **Training Program Development:** Designing and implementing effective HSE training programs.
- **Competency Assessment:** Assessing and developing HSE competencies within the workforce.
- **Mentoring and Coaching:** Providing mentoring and coaching to develop the next generation of HSE professionals.

Continuous Improvement

12. Lean and Six Sigma for HSE:

- **Lean Principles:** Applying lean principles to improve safety and environmental processes.
- **Six Sigma Methodologies:** Using Six Sigma tools to reduce variability and improve safety performance.
- **Continuous Improvement Processes:** Implementing continuous improvement initiatives for ongoing HSE enhancement.

Long term training for Electrical engineer

Technical Skills

1. Electrical System Design and Analysis:

- **Power Distribution Systems:** Design, maintenance, and optimization of power distribution networks.
- **Load Flow Analysis:** Techniques for analyzing and optimizing electrical load flow.
- **Short Circuit and Protection Coordination:** Understanding protection systems and coordination strategies.
- 2. **Instrumentation and Control Systems:**
 - **Process Control Systems:** Design and implementation of control systems for refinery operations.
 - **PLC and SCADA Systems:** Programming and maintaining PLCs and SCADA systems for automation.
 - **DCS (Distributed Control Systems):** Advanced training on DCS for large-scale process control.
- 3. **Electrical Equipment Maintenance and Reliability:**
 - **Motor and Drive Systems:** Operation, maintenance, and troubleshooting of electric motors and drives.
 - **Transformers and Switchgear:** Inspection, testing, and maintenance of transformers and switchgear.
 - **Condition Monitoring:** Techniques for monitoring the condition of electrical equipment.
- 4. **Power Quality and Energy Management:**
 - **Harmonics and Power Quality:** Understanding and mitigating power quality issues.
 - **Energy Efficiency:** Techniques for improving energy efficiency in electrical systems.
 - **Renewable Energy Integration:** Integrating renewable energy sources into existing power systems.

Safety and Compliance

- 5. **Electrical Safety and Standards:**
 - **NFPA 70E (Electrical Safety in the Workplace):** Training on electrical safety standards and practices.
 - **Arc Flash Hazard Analysis:** Understanding and mitigating arc flash hazards.
 - **Grounding and Bonding:** Proper grounding and bonding techniques for safety and compliance.
- 6. **Hazardous Area Classification:**
 - **Ex Equipment:** Selection and maintenance of explosion-proof and intrinsically safe equipment.
 - **IECEX and ATEX Standards:** Understanding international standards for equipment in hazardous areas.
 - **Safety Instrumented Systems (SIS):** Design and maintenance of safety systems to prevent accidents.

Emerging Technologies

- 7. **Digital Transformation and Industry 4.0:**
 - **IoT and Smart Grids:** Implementation of IoT technologies and smart grids in electrical systems.
 - **AI and Machine Learning:** Applications of AI and machine learning in predictive maintenance and process optimization.
 - **Digital Twin Technology:** Creating and using digital twins for monitoring and managing electrical systems.
- 8. **Cybersecurity:**
 - **Cybersecurity for Industrial Control Systems:** Protecting electrical systems from cyber threats.
 - **Network Security:** Implementing secure network architectures for control systems.
 - **Incident Response:** Preparing for and responding to cybersecurity incidents.

Management and Leadership

9. Project Management:

- **Project Planning and Execution:** Skills for planning and executing electrical projects.
- **Budgeting and Cost Control:** Techniques for managing project budgets and controlling costs.
- **Risk Management:** Identifying and mitigating risks in electrical projects.

10. Leadership and Communication:

- **Team Leadership:** Developing skills to lead and manage engineering teams.
- **Effective Communication:** Enhancing communication skills for better collaboration.
- **Conflict Resolution:** Techniques for resolving conflicts and managing team dynamics.

Continuous Improvement

11. Lean and Six Sigma:

- **Lean Manufacturing:** Techniques for reducing waste and improving efficiency in electrical processes.
- **Six Sigma:** Methods for improving quality and reducing variability in electrical systems.
- **Continuous Improvement Processes:** Strategies for ongoing improvement in electrical engineering practices.

12. Innovation and R&D:

- **Research and Development:** Encouraging innovation through research and new technology development.
- **Technology Transfer:** Applying new technologies and best practices from other industries.

Long term training for maintenance engineer

Technical Skills

1. Equipment Maintenance and Reliability:

- **Predictive Maintenance:** Techniques for predicting equipment failures and planning maintenance activities.
- **Condition Monitoring:** Using sensors and data analysis to monitor the health of machinery.
- **Reliability-Centered Maintenance (RCM):** Strategies for improving the reliability and performance of equipment.

2. Rotating and Static Equipment:

- **Pump and Compressor Technology:** Operation, maintenance, and troubleshooting of pumps and compressors.
- **Heat Exchangers:** Design, maintenance, and performance optimization.
- **Pressure Vessels:** Knowledge about the design, inspection, and safety of pressure vessels.

3. Electrical and Instrumentation Maintenance:

- **Motor and Drive Systems:** Operation, maintenance, and troubleshooting of electric motors and drives.

- **Instrumentation and Control Systems:** Calibration, maintenance, and troubleshooting of process control instruments.
 - **PLC and SCADA Systems:** Programming, maintaining, and troubleshooting PLCs and SCADA systems.
4. **Mechanical Systems:**
- **Piping and Valves:** Maintenance and troubleshooting of piping systems and valves.
 - **Welding and Fabrication:** Advanced welding techniques and fabrication methods.
 - **Mechanical Seals and Bearings:** Maintenance and troubleshooting of seals and bearings.

Safety and Compliance

5. **Occupational Health and Safety (OHS):**
- **Safety Culture and Behavior-Based Safety (BBS):** Promoting a proactive safety culture and understanding human behavior in safety practices.
 - **Hazard Identification and Risk Assessment (HIRA):** Techniques for identifying and assessing workplace hazards and risks.
 - **Emergency Response Planning and Management:** Preparing for and managing emergency situations effectively.
6. **Process Safety Management (PSM):**
- **Process Hazard Analysis (PHA):** Conducting hazard and operability studies (HAZOP) and other PHA methods.
 - **Safety Instrumented Systems (SIS):** Design, implementation, and maintenance of safety systems to prevent process-related incidents.
 - **Incident Investigation and Root Cause Analysis:** Techniques for investigating incidents and identifying root causes to prevent recurrence.

Emerging Technologies

7. **Digital Transformation and Industry 4.0:**
- **IoT and Smart Sensors:** Implementation of IoT technologies and smart sensors in maintenance.
 - **Big Data and Predictive Analytics:** Leveraging data analytics for predictive maintenance and process optimization.
 - **Digital Twin Technology:** Creating and using digital twins for monitoring and managing equipment health.
8. **Cybersecurity:**
- **Cybersecurity for Industrial Control Systems:** Protecting control systems from cyber threats.
 - **Network Security:** Implementing secure network architectures for control systems.
 - **Incident Response:** Preparing for and responding to cybersecurity incidents.

Management and Leadership

9. **Project Management:**
- **Project Planning and Execution:** Skills for successfully planning and executing maintenance projects.
 - **Budgeting and Cost Control:** Techniques for managing project budgets and controlling costs.
 - **Risk Management:** Identifying and mitigating risks in maintenance projects.
10. **Leadership and Communication:**
- **Team Leadership:** Developing skills to lead and manage maintenance teams.

- **Effective Communication:** Enhancing communication skills for better collaboration.
- **Conflict Resolution:** Techniques for resolving conflicts and managing team dynamics.

Continuous Improvement

11. Lean and Six Sigma:

- **Lean Manufacturing:** Techniques for reducing waste and improving efficiency in maintenance processes.
- **Six Sigma:** Methods for improving quality and reducing variability in maintenance activities.
- **Continuous Improvement Processes:** Strategies for ongoing improvement in maintenance practices.

12. Innovation and R&D:

- **Research and Development:** Encouraging innovation through research and new technology development.
- **Technology Transfer:** Applying new technologies and best practices from other industries.

Environmental and Sustainability Practices

13. Environmental Regulations and Compliance:

- **Environmental Impact Assessment (EIA):** Assessing and mitigating environmental impacts of maintenance activities.
- **Waste Management:** Strategies for reducing, recycling, and disposing of waste safely and efficiently.
- **Energy Efficiency:** Techniques for improving energy efficiency in maintenance operations.

14. Sustainable Maintenance Practices:

- **Green Maintenance:** Implementing eco-friendly maintenance practices.
- **Carbon Footprint Reduction:** Strategies for reducing greenhouse gas emissions through maintenance activities.
- **Lifecycle Assessment:** Evaluating the environmental impact of equipment over its lifecycle and optimizing maintenance practices accordingly.

Long term training for finance position

Financial Management

1. Advanced Financial Analysis:

- **Financial Statement Analysis:** In-depth understanding of financial statements, ratios, and performance metrics.
- **Cost-Benefit Analysis:** Techniques for evaluating the financial viability of projects and investments.

- **Budgeting and Forecasting:** Advanced methods for creating and managing budgets and financial forecasts.
- 2. **Capital Budgeting and Investment Analysis:**
 - **Net Present Value (NPV) and Internal Rate of Return (IRR):** Tools for evaluating long-term investments.
 - **Risk Assessment and Mitigation:** Identifying and managing financial risks associated with investments.
 - **Portfolio Management:** Strategies for managing a diversified portfolio of investments.
- 3. **Financial Modeling:**
 - **Excel and Financial Software:** Advanced skills in using financial modeling tools and software.
 - **Scenario and Sensitivity Analysis:** Techniques for evaluating different financial scenarios and their impacts.
 - **Valuation Techniques:** Methods for valuing assets, companies, and projects.

Strategic Planning and Management

- 4. **Corporate Finance and Strategy:**
 - **Mergers and Acquisitions (M&A):** Understanding the financial, legal, and strategic aspects of M&A.
 - **Strategic Financial Planning:** Aligning financial strategies with corporate objectives.
 - **Value Creation and Shareholder Management:** Strategies for enhancing company value and managing shareholder relations.
- 5. **Performance Management:**
 - **Key Performance Indicators (KPIs):** Developing and monitoring financial and operational KPIs.
 - **Balanced Scorecard:** Using the balanced scorecard approach for strategic management.
 - **Benchmarking and Best Practices:** Identifying and implementing industry best practices.
- 6. **Risk Management and Compliance:**
 - **Financial Risk Management:** Techniques for managing market, credit, liquidity, and operational risks.
 - **Regulatory Compliance:** Ensuring compliance with financial regulations, standards, and reporting requirements.
 - **Internal Controls and Audit:** Strengthening internal controls and conducting financial audits.

Industry-Specific Knowledge

- 7. **Oil and Gas Economics:**
 - **Commodity Markets and Pricing:** Understanding the dynamics of oil and gas markets and pricing mechanisms.
 - **Supply Chain and Logistics:** Financial implications of supply chain and logistics management in the downstream sector.
 - **Energy Trading and Risk Management:** Strategies for managing financial risks in energy trading.
- 8. **Project Financing and Infrastructure Investment:**
 - **Project Finance Structures:** Understanding the structures and instruments used in financing large projects.
 - **Public-Private Partnerships (PPPs):** Exploring PPPs as a means of financing infrastructure projects.

- **Infrastructure Investment Strategies:** Evaluating and managing investments in downstream infrastructure.

Technology and Innovation

9. Digital Transformation in Finance:

- **Financial Technology (FinTech):** Leveraging FinTech solutions for improved financial management.
- **Data Analytics and Business Intelligence:** Using data analytics and BI tools for informed decision-making.
- **Blockchain and Cryptocurrencies:** Understanding the impact of blockchain technology and cryptocurrencies on finance.

10. Cybersecurity and Data Protection:

- **Cybersecurity Risks in Finance:** Identifying and mitigating cybersecurity risks in financial operations.
- **Data Privacy and Protection:** Ensuring compliance with data protection regulations and best practices.
- **Fraud Detection and Prevention:** Techniques for detecting and preventing financial fraud.

Leadership and Communication

11. Leadership Development:

- **Strategic Leadership:** Developing skills for leading strategic financial initiatives.
- **Change Management:** Managing change within the finance department and across the organization.
- **Ethical Leadership:** Promoting ethical behavior and decision-making in finance.

12. Effective Communication and Collaboration:

- **Stakeholder Communication:** Enhancing communication skills for engaging with stakeholders, including investors, regulators, and internal teams.
- **Cross-Functional Collaboration:** Collaborating effectively with other departments, such as operations, marketing, and HR.
- **Negotiation and Conflict Resolution:** Developing negotiation skills and techniques for resolving conflicts.

Continuous Improvement

13. Lean and Six Sigma for Finance:

- **Process Improvement:** Applying Lean and Six Sigma methodologies to improve financial processes.
- **Operational Excellence:** Striving for excellence in financial operations through continuous improvement.
- **Innovation in Finance:** Encouraging innovation and adopting new practices in financial management.

Long term training for HR position

Strategic HR Management

1. HR Strategy and Planning:

- **Strategic Workforce Planning:** Aligning HR strategy with business goals, forecasting workforce needs.
- **HR Metrics and Analytics:** Using data and analytics to drive HR decision-making and demonstrate value.
- **Change Management:** Leading and managing organizational change effectively.

2. Leadership Development:

- **Leadership Training Programs:** Developing current and future leaders within the organization.
- **Succession Planning:** Identifying and preparing future leaders to ensure business continuity.
- **Executive Coaching:** Providing personalized development for senior leaders.

Talent Acquisition and Retention

3. Talent Acquisition:

- **Advanced Recruitment Techniques:** Utilizing modern tools and platforms for sourcing and attracting top talent.
- **Employer Branding:** Developing and promoting a strong employer brand to attract high-quality candidates.
- **Diversity and Inclusion:** Strategies to attract and retain a diverse workforce.

4. Employee Retention:

- **Employee Engagement:** Creating programs and initiatives to boost engagement and morale.
- **Work-Life Balance:** Implementing policies that promote work-life balance and employee well-being.
- **Compensation and Benefits:** Designing competitive compensation packages to retain top talent.

Learning and Development

5. Training and Development:

- **Learning Management Systems (LMS):** Using technology to manage and deliver training programs.
- **Skill Development Programs:** Developing technical and soft skills relevant to the downstream oil and gas industry.
- **Mentoring and Coaching:** Establishing mentoring and coaching programs to support employee development.

6. Performance Management:

- **Performance Appraisal Systems:** Designing and implementing effective performance review systems.
- **Continuous Feedback Mechanisms:** Encouraging a culture of continuous feedback and improvement.

- **Career Development Plans:** Creating personalized development plans for employees.

Regulatory Compliance and Ethics

7. Regulatory Compliance:

- **Employment Law:** Understanding and complying with local, national, and international employment laws.
- **Health, Safety, and Environment (HSE):** Integrating HSE standards into HR practices.
- **Data Privacy:** Ensuring compliance with data protection regulations.

8. Ethics and Corporate Governance:

- **Code of Conduct:** Developing and enforcing a strong code of conduct.
- **Ethical Leadership:** Promoting ethical behavior and decision-making within the organization.
- **Corporate Social Responsibility (CSR):** Implementing and managing CSR initiatives.

Technology and Innovation

9. HR Technology:

- **HR Information Systems (HRIS):** Utilizing HRIS for efficient HR management.
- **Artificial Intelligence and Automation:** Leveraging AI and automation in HR processes.
- **Digital Transformation:** Embracing digital tools and platforms for HR operations.

10. Future of Work:

- **Remote Work Management:** Developing policies and practices for managing remote and hybrid workforces.
- **Gig Economy and Contingent Workforce:** Understanding and managing the contingent workforce.
- **Workplace Flexibility:** Implementing flexible working arrangements.

Organizational Development

11. Organizational Culture:

- **Culture Assessment and Transformation:** Assessing and transforming organizational culture to align with business goals.
- **Employee Engagement Surveys:** Conducting and analyzing engagement surveys to drive improvements.
- **Team Building:** Facilitating team-building activities to enhance collaboration.

12. Conflict Resolution and Mediation:

- **Conflict Resolution Strategies:** Techniques for resolving workplace conflicts effectively.
- **Mediation Skills:** Training on mediation to handle disputes and grievances.
- **Negotiation Skills:** Enhancing negotiation skills for various HR scenarios.

Continuous Improvement

13. Lean and Six Sigma for HR:

- **Process Improvement:** Applying Lean and Six Sigma methodologies to improve HR processes.
- **Operational Excellence:** Striving for excellence in HR operations through continuous improvement.

Long term training for IT Engineer

Technical Skills

1. Networking and Infrastructure:

- **Advanced Networking:** Deep dive into network design, implementation, and management.
- **Cloud Computing:** Understanding and leveraging cloud platforms such as AWS, Azure, and Google Cloud.
- **Virtualization Technologies:** Proficiency in tools like VMware and Hyper-V for creating and managing virtual environments.

2. Systems Administration:

- **Operating Systems:** Advanced knowledge of Linux, Windows Server, and other operating systems used in the industry.
- **Database Management:** Skills in managing and optimizing databases like Oracle, SQL Server, and MySQL.
- **Backup and Recovery:** Strategies and tools for data backup, disaster recovery, and business continuity.

3. Software Development and Integration:

- **Programming Languages:** Advanced proficiency in languages such as Python, Java, and C#.
- **API Development and Integration:** Skills in creating and managing APIs for system integration.
- **DevOps Practices:** Implementing CI/CD pipelines, automated testing, and configuration management using tools like Jenkins, Git, and Ansible.

Cybersecurity

4. Cybersecurity Fundamentals:

- **Network Security:** Techniques for securing network infrastructure.
- **Endpoint Protection:** Strategies for protecting endpoints from threats.
- **Identity and Access Management (IAM):** Implementing robust IAM solutions.

5. Advanced Cybersecurity:

- **Threat Detection and Response:** Techniques for identifying and responding to cybersecurity threats.
- **Incident Response Planning:** Developing and executing incident response plans.
- **Cybersecurity Frameworks:** Understanding and applying frameworks like NIST, ISO 27001, and CIS Controls.

6. Industrial Control Systems Security:

- **SCADA Security:** Securing Supervisory Control and Data Acquisition (SCADA) systems.
- **ICS/OT Security:** Protecting Industrial Control Systems (ICS) and Operational Technology (OT) from cyber threats.
- **Network Segmentation:** Implementing network segmentation to protect critical infrastructure.

Industry-Specific Applications

7. Downstream Oil and Gas Software:

- **Process Control Systems:** Understanding and maintaining DCS and PLC systems.
- **Simulation and Modeling Tools:** Using tools like Aspen HYSYS and Honeywell UniSim for process simulation and optimization.
- **Maintenance Management Software:** Implementing and managing Computerized Maintenance Management Systems (CMMS) like SAP PM and Maximo.

8. Data Analytics and Business Intelligence:

- **Big Data Technologies:** Leveraging big data tools such as Hadoop, Spark, and Kafka.
- **Data Visualization:** Creating insightful dashboards using tools like Power BI, Tableau, and QlikView.
- **Predictive Analytics:** Applying predictive analytics to optimize operations and maintenance.

Emerging Technologies

9. Digital Transformation:

- **IoT and IIoT:** Implementing Internet of Things (IoT) and Industrial Internet of Things (IIoT) solutions.
- **Artificial Intelligence and Machine Learning:** Applying AI and ML to enhance operational efficiency and decision-making.
- **Blockchain Technology:** Understanding and implementing blockchain for secure and transparent transactions.

10. Automation and Robotics:

- **Robotic Process Automation (RPA):** Implementing RPA for automating repetitive tasks.
- **Industrial Robotics:** Integrating and managing robots in industrial operations.
- **Automated Data Collection:** Using automated systems for real-time data collection and analysis.

Project Management and Leadership

11. IT Project Management:

- **Agile and Scrum Methodologies:** Applying agile methodologies for IT project management.
- **Project Lifecycle Management:** Managing IT projects from initiation to closure.
- **Stakeholder Management:** Engaging and managing stakeholders effectively.
- **Team Leadership:** Developing leadership skills to manage and motivate IT teams.
- **Effective Communication:** Enhancing communication skills for better collaboration and stakeholder engagement.
- **Conflict Resolution:** Techniques for resolving conflicts within IT teams and with other departments.

Compliance and Ethics

13. Regulatory Compliance:

- **GDPR and Data Privacy:** Ensuring compliance with data protection regulations like GDPR.
- **Industry Regulations:** Understanding and adhering to industry-specific regulations and standards.
- **Audit and Compliance Management:** Preparing for and managing IT audits.

14. Ethical Hacking and Penetration Testing:

- **Ethical Hacking Techniques:** Learning techniques for ethical hacking and penetration testing.

- **Vulnerability Assessment:** Conducting vulnerability assessments to identify and mitigate security risks.
- **Security Audits:** Performing security audits to ensure compliance and security.

Continuous Improvement

15. Lean and Six Sigma for IT:

- **Process Improvement:** Applying Lean and Six Sigma methodologies to improve IT processes.
- **Operational Excellence:** Striving for excellence in IT operations through continuous improvement.
- **Innovation Management:** Encouraging innovation and adopting new practices in IT management.

Long term training for Project Engineer

Technical Skills

1. Engineering Design and Analysis:

- **Process Engineering:** Understanding and designing chemical processes specific to refining and petrochemical operations.
- **Mechanical Engineering:** Advanced knowledge of mechanical systems and components used in downstream operations.
- **Electrical and Instrumentation Engineering:** Design and maintenance of electrical systems and instrumentation used in plants.

2. Construction Management:

- **Construction Techniques:** Modern construction methods and best practices for large-scale projects.
- **Quality Control:** Ensuring quality standards in materials and workmanship.
- **Site Management:** Effective management of construction sites, including logistics and workforce coordination.

3. Materials Science:

- **Advanced Materials:** Knowledge about new materials and their applications in the industry.
- **Corrosion Engineering:** Techniques for preventing and managing corrosion in pipelines and equipment.
- **Welding and Fabrication:** Advanced welding techniques and fabrication methods for maintaining infrastructure.

Project Management

4. Project Planning and Scheduling:

- **Project Lifecycle Management:** Understanding the stages of a project from initiation to closure.
- **Scheduling Tools and Techniques:** Using tools like Primavera and MS Project for effective scheduling.
- **Critical Path Method (CPM) and Program Evaluation Review Technique (PERT):** Techniques for planning and scheduling complex projects.

5. Cost Management:

- **Budgeting and Cost Control:** Techniques for managing project budgets and controlling costs.
- **Economic Analysis:** Conducting cost-benefit analyses and financial risk assessments.
- **Procurement and Contract Management:** Best practices for procurement and managing contracts effectively.

6. Risk Management:

- **Risk Assessment Techniques:** Identifying, analyzing, and mitigating risks associated with projects.
- **Contingency Planning:** Developing plans to deal with unexpected issues.
- **Health, Safety, and Environment (HSE) Risk Management:** Integrating HSE considerations into project planning and execution.

Safety and Compliance

7. Process Safety Management (PSM):

- **Hazard and Operability Study (HAZOP):** Techniques for identifying and managing hazards in processes.
- **Safety Instrumented Systems (SIS):** Design and maintenance of safety systems.
- **Incident Investigation:** Methods for investigating and learning from incidents.

8. Regulatory Compliance:

- **Environmental Regulations:** Understanding and complying with local, national, and international environmental laws.
- **Occupational Health and Safety (OHS):** Ensuring compliance with OHS standards and best practices.
- **Industry Standards and Codes:** Familiarity with API, ASME, ISO, and other relevant standards.

Emerging Technologies

9. Digital Transformation and Industry 4.0:

- **IoT and Smart Systems:** Implementing IoT technologies for monitoring and managing equipment.
- **Data Analytics and Machine Learning:** Leveraging data analytics and machine learning for predictive maintenance and process optimization.
- **Digital Twin Technology:** Creating and using digital twins for project management and optimization.

10. Sustainable Engineering:

- **Energy Efficiency:** Techniques for improving energy efficiency in operations.
- **Renewable Energy Integration:** Integrating renewable energy sources into existing systems.
- **Sustainable Design Practices:** Designing projects with sustainability in mind.

Leadership and Communication

11. Leadership Development:

- **Team Leadership:** Developing skills to lead and motivate project teams.
- **Stakeholder Management:** Techniques for managing relationships with stakeholders.
- **Conflict Resolution:** Strategies for resolving conflicts within project teams.

12. Effective Communication:

- **Technical Writing and Reporting:** Skills for writing clear and concise technical reports.
- **Presentation Skills:** Techniques for presenting project updates to stakeholders.

- **Cross-Functional Communication:** Enhancing communication between different departments and teams.

Continuous Improvement

13. Lean and Six Sigma:

- **Lean Principles:** Applying lean principles to improve project processes and reduce waste.
- **Six Sigma Methodologies:** Using Six Sigma tools to improve quality and reduce variability.
- **Continuous Improvement Processes:** Implementing continuous improvement initiatives in project management.

14. Innovation and R&D:

- **Research and Development:** Encouraging innovation through research and new technology development.
- **Technology Transfer:** Applying new technologies and best practices from other industries.
- **Innovation Management:** Managing and fostering innovation within the organization.

Financial Acumen

15. Project Financing:

- **Funding Sources and Structures:** Understanding different sources of project financing.
- **Financial Risk Management:** Identifying and mitigating financial risks associated with projects.
- **Investment Appraisal:** Techniques for evaluating the financial viability of projects.

Data Management

Course Title	Duration	Date
Introduction & Fundamentals of E&P Data Management	05 days	
"Applied GIS Techniques to E&P Data Management & Subsurface Interpretation	05 days	

Health & Safety Environment (HSE)

Course Title	Duration	Date
Certified Rigging Safety Operation	03 days	
Certified Emergency Response Planning	03 days	
Course Title	Duration	Date
International Emergency First Aid at Work	05 days	
Certified Fork-lift Truck Safety	03 days	
Hazardous Chemicals: Handling, Storage, Monitoring & Response	05 days	

Certified Forklift Safety Technician	05 days	
Certified Train the Safety Trainer	05 days	
Safety & Risk Management in Onshore Operation & Prediction	05 days	
NEBOSH International General Certificate in Occupational Health & Safety	05 days	
Hazardous Waste Operations & Emergency Response	03 days	
Fire Prevention, Protection & Safety on Power Plants	05 days	
Certified Personal Protective Equipment	03 days	
Process Hazard Analysis (PHA) Methods & Leadership	05 days	
Hazard Identifications, Hazard Communication & HAZMAT	05 days	
Incident & Accident Investigation & Root Cause Analysis	05 days	
IOSH Working Safely	05 days	
Course Title	Duration	Date
Process Safety & Abnormal Situation Management	05 days	
Safety for Senior Executives	05 days	
Emergency Response Planning & Crisis Management	03 days	
Accident Investigation	03 days	
Certified Safety Leadership & Safety Culture	05 days	
General Certificate	05 days	

Accident investigation	05 days	
Advanced safety Auditing (ASA)	05 days	
Control of Environmental pollution	05 days	
Emergency Preparedness	05 days	
Safety Relief System Design	05 days	

Safety Confidence <small>التيمن المظفة</small>	05 days	
Environmental Monitoring & Measurements modern techniques in pet. Industry	05 days	
Fire Alarm & Firefighting systems	05 days	
Fire protection systems	05 days	
General Safety course	05 days	
Hazop Basic	05 days	
Hazop Advanced	05 days	
Health Safety Environment (H.S.E)	05 days	

Course Title	Duration	Date
Industrial water Treatment	05 days	
Risk Management	05 days	
Pollution prevention technology	05 days	
Risk Assessment & Hazard identification	05 days	
Safe Handling of Chemicals	05 days	
Certified Professional Food manager	05 days	
Safe Practices of Electrical Hazards	05 days	
Defensive Driving	05 days	

introduction to risk Management	05 days	
advanced risk assessment & Management	05 days	
Mechanical Hazards	05 days	
Ergonomic	05 days	
Security Threat Identification Risk Analysis Evaluation & Management	05 days	

Strategic Security Management Technical Fundamentals Of Security Investigation	05 days	Aug2019 and Jan2020
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Reservoir Engineering

Course Title	Duration	Date
Well Test Analysis	05 days	
Enhanced Recovery in Naturally Fractured Reservoirs	05 days	
Equation of E-State (PVT)	05 days	
Advanced Reservoir Management and Monitoring	05 days	
Reservoir Optimization and History Matching	05 days	
Reserves Evaluation	05 days	
Course Title	Duration	Date
Waterflood Technologies and Management	05 days	
Enhanced Oil Recovery with Gas Injection - EORG	05 days	
Enhanced Oil Recovery	05 days	
Advanced Reservoir Simulation Strategies and Practices	05 days	
Production Data Analysis of unconventional Reservoirs	05 days	
Gas Reservoir Management	05 days	
Diesel Fuel Injection System	05 days	
Modern Well Test Analysis	05 days	

Drilling & Workover

Course Title	Duration	Date
Drilling Fluids & Mud systems	05 days	
Deep Water Fluids	05 days	
Advanced Oil Base Mud Calculation	05 days	

Cementing Operation	05 days	
MWD / LWD Tools & Petrophysics	05 days	
Practical Fluids Testing(Lab)	05 days	
Advanced Completion Fluids	05 days	
Oil Field Familiarization	05 days	
Advanced Mud School	05 days	

Drilling Principles & Calculations	05 days	
Hydraulics Calculations	05 days	
Well planning & Drilling Optimization	05 days	
Well-Head Operations	05 days	
BHA Design	05 days	
Well Design	05 days	
Casing Design	05 days	

Course Title	Duration	Date
Stuck Pipe Prevention	05 days	
Drilling Problems Solving	05 days	
Under Balanced Drilling	05 days	
Advanced Drilling Engineering	05 days	
HPHT Operations	05 days	
Solids Control	05 days	
Advanced Logging Tools	05 days	
Advanced cementing	05 days	
Basic Mud Logging	05 days	
Work-Over & Well Completion	05 days	

Mechanical Engineering

Course Title	Duration	Date
MPI & Dye Inspection NDT Level 2	05 days	Nov2019 and April2020
Industrial Automation using PLC Applications	03 days	Sep2019 and Feb2020
Screw Compressors Operation, Maintenance & Troubleshooting	05 days	Dec2019 and Jun2020

MSF Desalination Plant Heat Balance & Performance Ratio Calculations	05 days	Nov2019 and April2020
Machinery Bearings, Lubrication & Reliability (Engineering Tribology)	05 days	Sep2019 and Feb2020
Fundamentals of Rotating Equipment for Industrial Applications	05 days	Oct2019 and April2020
Cooling Towers Construction, Operation & Improving Performance	05 days	Dec2019 and Jun2020
Rotating Equipment Condition Monitoring & Care Management	05 days	Nov2019 and April2020
Gas Turbine Layout Operation: Equipment & Accessories	05 days	Dec2019 and Jun2020
Mechanical Seals Applications for Rotating Machinery	03 days	Aug2019 and Jan2020

Safe Standard Isolation Procedures for Plant, Systems & Equipment	03 days	
Rotating Machinery Failure Mode & Effect Analysis Techniques	05 days	
Modeling Reverse Osmosis (RO) Process Performance Techniques	05 days	
Pumping Station & Pipelines Integrity: Operation & Troubleshooting	05 days	
Compressors: Operation, Maintenance & Troubleshooting	03 days	

Course Title	Duration	Date
Diesel Engine Generator: Operation, Maintenance & Troubleshooting	05 days	
Mechanical Engineering for Non-Mechanical Professionals	05 days	
Safety / Relief Valves Inspection, Maintenance & Repair	05 days	
Steam Power Plant Layout System & Equipment Operation	05 days	
Heat Transfer Engineering for Industrial Process Applications	05 days	
Optimizing Co-Generation Plant Performance & Efficiency	05 days	
Machinery Vibration Monitoring & Predictive Maintenance	03 days	
Conventional Power Generation: Condition Monitoring & Assessment	05 days	
Reliability Improvement & Vibration Analysis for Rotating Machinery	05 days	
Piping System Integrity (Selection, Design & Fabrication) for Oil & Gas	05 days	
Certified ISO Vibration Analysis - Category I	05 days	
Financial Modeling for Power Plants : Economics & Cost Model	05 days	
Heat Transfer Applications of Industrial Process	05 days	
Improving & Maximizing Boiler Efficiency & Performance	03 days	
Gas Turbine Failure Analysis, Investigation & Diagnostics	05 days	
Practical Hydraulic & Pneumatic System in Industrial Applications	05 days	

Gas Turbine Best Practices Operation & Controls - Part I	05 days	
Manufacturing Engineering & Technology: Business Understanding	05 days	
Industrial Plant Physics: Moving from Theory into Applications	05 days	
Compressors Troubleshooting (Problems, Causes & Solutions)	03 days	
Rotating Equipment: Putting Theory into Practices	05 days	
Operational Performance, Fouling Management & Optimization of RO Plants	05 days	
Plant Operations Strategies: Sustainable Operational Model Best Practice	05 days	
Modeling RO Desalination Solutions for Sea & Brackish Water	03 days	

Screw Compressor in Industrial Applications	05 days	
Multiple - Effect Distillation (MED) Process & Economic Operation	03 days	
Steam Power Plant Layout & Work Flow - Part I	05 days	
Course Title	Duration	Date
Mechanical Seals: Selection, Installation & Troubleshooting	03 days	
Certified Welding Inspector (CWI) - Level I	05 days	
Optimizing Process & Cost Effectiveness for Industrial Heat Exchangers	05 days	
Optimizing Energy Conversion, Economics & Management (CHP, SHP & CHC)	05 days	
Heat Rate Audit & Analysis of Thermal Power Plants	05 days	
Certified ISO Vibration Analysis - Category II	05 days	
Gear Box Operation Condition, Inspection & Maintenance	03 days	
Pipeline Repair Techniques	05 days	
Mechanical Power Transmission Tools: Selection, Utilization & Fault Finding	03 days	
Boiler Cleaning Methods & Inspection Techniques	05 days	
Centrifugal Pumps: Selection, Operation & Maintenance	05 days	
Integrated Thermal Power & Desalination Plant Optimization	05 days	
Steam Power Plant Layout & Work Flow - Part II	05 days	
Hydraulic System in Industrial Applications: Maintenance & Troubleshooting	05 days	
Equipment Machinery Care & Condition Monitoring Management	03 days	
Rotating Machinery: Couplings, Bearings & Lubrication Technologies	05 days	
Mechanical Engineering Applications for Technicians	05 days	
Certified Welding Inspector (CWI) - Level II	05 days	

Gas Turbine Failure Analysis, Investigation & Diagnostics - Part II	05 days	
Techno-Economic Analysis of Solar Energy Concentrating Power Generation	05 days	
Condition Monitoring & Diagnostics of Machine Systems	05 days	
Shaft Alignment, Dynamic Balancing Techniques & Measuring Tools	05 days	
Understanding Vibration Fundamentals in Rotating Machinery - Awareness Program	03 days	
Heat Exchanger Inspection, Testing & Cleaning Techniques	05 days	
Valve Technology Applications: Selection, Installation & Troubleshooting	05 days	

Wastewater Reuse Solution Technology: Purifying & Treating	05 days	
Course Title	Duration	Date
Operational Problems & Failure Analysis of Water Distribution Networks	05 days	
Computational Fluid Dynamics (CFD): Modern Applications & Future Trends	05 days	
Hydraulic & Pneumatic System Applications & Fault Diagnosis	05 days	
Certified ISO Vibration Analysis - Category III	05 days	
Machinery Alignment & Dynamic Balancing Techniques	03 days	
Reverse Osmosis (RO) Desalination Process, Operation & Troubleshooting	05 days	
Water Distribution Network from Pumping Stations to End Users	05 days	
HVAC System Utilization, Operation & Effective Maintenance Strategies	05 days	
Thermal Power Plant Efficiency & Manpower Utilization on Production Strategy	05 days	
Engineering and Design of Shell & Tube Heat Exchangers (Hands-on)	05 days	
Operational Optimization Strategy of Co-generation Plant	05 days	
Reliable & Economical Desalination Plants (MS, MED & RO)	05 days	
Hydraulic & Pneumatic System Maintenance & Troubleshooting	05 days	
Certified ISO Vibration Analysis - Category II	05 days	
Heat Exchanger Inspection, Testing & Cleaning Method Techniques	05 days	
Boiler Technology: Types, Construction & Operation	05 days	
Energy Performance Assessment of Co-generation Power Plants	05 days	
MSF Desalination Plant Heat Balance & Optimal Operation Conditions	05 days	
Design, Operational Performance & Optimization of RO Desalination Plant	05 days	

Operational Flexibility & Efficiency Enhancements of Gas Turbine	05 days	
Performance Calculations and Efficiency of Power Plants	05 days	
Heat Rate & Auxiliary Power Consumption: Plant Performance Improvement	05 days	
Best Practices Operation & Troubleshooting of RO Plant Process	05 days	

Electrical Engineering (EE)

Course Title	Duration	Date
HV & MV Circuit Breakers Inspection, Testing & Maintenance	05 days	
Electrical Faults, Causes, Detection & Remedies	05 days	
Course Title	Duration	Date

Power System Reliability & Security	05 days	
Grounding, Bonding, Lightning & Surge Protection for Electrical Network	05 days	
Stand-by Diesel Engine Generator, Operation & Maintenance & Troubleshooting	05 days	
Electrical Drawing Interpretation & Applications	05 days	
Commissioning, Testing & Start-Up of Electrical Substation	05 days	
Electrical Distribution Network Automation & Management Systems	05 days	
Power Cable Failure Analysis & Investigation Techniques	05 days	
Electrical Circuit Drawings & Wiring Diagram Regulation	05 days	
Applied Protection Techniques & Devices in Power Systems	05 days	
Power Transformer Condition Assessment & Life Span Extension	05 days	
Protection & Relay Setting for Electrical Power System Elements	05 days	
Motors and Variable Frequency Drives (Maintenance & Troubleshooting)	05 days	
Electrical Engineering for Non-Electrical Engineers	05 days	
Troubleshooting Matrix Applications of Electrical Equipment & Control Circuits	05 days	
Certified Electrical Inspector	05 days	
SCADA/EMS for Power System Dispatch Center	05 days	
Voltage Control Regulation in Transmission & Distribution Network	05 days	
Energy Planning: Fuel Optimization, Renewables & Reliability Standards	05 days	
Electrical Fault Diagnosis & Preventing Cascading Blackouts	05 days	
Advanced Metering Infrastructure (AMI) in Smart Grid	05 days	
Diesel Engine Operation, Maintenance & Troubleshooting	05 days	

Tariff for Energy Supply with Power Purchasing Agreement (Advanced Level)	05 days	
Electrical Wiring & Single Line Diagram	05 days	
Electrical Load and Energy Forecasting, Planning & Demand Side Management	05 days	
Electrical Switchgears Safe Operation & Failure Analysis	05 days	
Capacitors and Shunt Reactors: Operation & Troubleshooting	05 days	
ARC Flash Hazard Analysis: Impact, Control & Safety	05 days	
Course Title	Duration	Date
Load Flow & Optimum Operation Strategies of Power System	05 days	
Grounding, Bonding, Lightning & Surge Protection of Utilities & Industries	05 days	

Certified HV/MV Cable Splicing, Jointing, Termination & Inspection (Workshop)	05 days	
Overhead Transmission Lines Inspection & Maintenance Techniques	05 days	
Advanced Protection Coordination in Distribution System	05 days	
Circuit Breakers & Switchgear Maintenance and Troubleshooting	05 days	
UPS System & Battery Chargers: Maintenance & Troubleshooting	05 days	
Planning & Operating Electricity Grids with Variable Renewable Generation	05 days	
Electrical Switchgear Inspection, Maintenance & Repair	05 days	
Operating Electrical Distribution Equipment & Asset Optimization	05 days	
Transients, Surges and Faults in Power Systems	05 days	
Energy Conservation & Demand Side Load Management	05 days	
Transformer Operational Principles, Selection & Troubleshooting	05 days	
Electrical Equipment Care & Condition Monitoring Management	05 days	
Power System Analysis Using ETAP Power Station (Advanced Level)	05 days	
Managing & Controlling Power Losses in Electrical Distribution Network	05 days	
Understanding Voltage Stability & Power Transmission Capability	05 days	
Electrical Distribution Network: Engineering, Design & Planning Techniques	05 days	
Smart Grid Development, Operation & Control based on VSC-HVDC Techniques	05 days	
Electrical Distribution Network: Engineering, Design & Planning Techniques	05 days	
Smart Grid Development, Operation & Control based on VSC-HVDC Technique	05 days	
Electrical Motors and Drives: Protection, Maintenance & Troubleshooting	05 days	

Electrical Drawings & Schematic Layouts	05 days	
Reactive Power Management & Power Factor Correction	05 days	
OES 27 132/33 KV Substations	05 days	
Economic Dispatch & Grid Stability Constraints in Power System	05 days	
Course Title	Duration	Date
Electrical Installations in Hazardous Areas & Safe Handling Operation	05 days	
Distribution Power Transformers Maintenance, Protection & Troubleshooting	05 days	
Circuit Breakers and Switchgear, Specification, Testing & Maintenance	05 days	
Certified Electrical Safety & Competency Assessment	05 days	

Electrical Utility Communications, Applications & Smart Grid Technologies	05 days	
Power System Operation, Monitoring & Control (Hands-On Training)	05 days	
Oil Type Transformer Testing & Analysis	05 days	
Power System Restoration Strategy during Emergency & Blackout	05 days	
Load Flow Analysis, Short Circuit Calculations & Protection Coordination	05 days	
Overhead Power line Maintenance Patrolling and Washing	05 days	
Electrical Wiring Installation & Inspection Procedure	05 days	
Wide Area Measurements System (WAMS) Implementation	05 days	
HV & MV Substation Design, Testing, & Maintenance	05 days	
Electrical Engineering for Non-Electrical Engineers	05 days	
Understanding Electricity Market Regulations & Economic Regulatory Analysis	05 days	
Testing & Troubleshooting Fiber Optics Installations (Workshop)	05 days	
Power System Harmonics: Causes, Effects & Controls	05 days	
Overhead Transmission Line Engineering Using PLS CADD (Hands-On)	05 days	
Substation Earthing Design, Installation and Improvement	05 days	
Load Dispatch Center Applications with Hands-On Exercises	05 days	
Optimal Control of Static VAR Compensators in Power System	05 days	
Electricity Market and Energy Economic and Strategic Planning	05 days	
Understanding Excitation System in Power Plant Generators	05 days	
Harmonics In Power Transmission System	05 days	

Distribution RMU's Inspection, Maintenance Engineering Strategy	05 days	
Power System Automation: Communication, Protection & Control	05 days	
High Voltage Switching Safety, Operations and Maintenance	05 days	
Course Title	Duration	Date
Electrical Energy Saving in Industrial & Commercial Utilities	05 days	
Electrical Power Quality: Monitoring, Analysis & Mitigation	05 days	
Modern Power System Protective Relaying	05 days	
Electrical Fault Analysis: Causes, Detection & Remedies	05 days	
Power System Quality & Stability	05 days	
Electrical System Restoration, Methodologies & Implementation Strategies	05 days	

Distribution Control Center (DCC) Applications : Hands-On Exercises	05 days	
Electrical Fault Investigation, Analysis & Diagnosis	05 days	
Electrical Equipment Troubleshooting Matrix Investigation, Analysis & Diagnosis	05 days	
IEC Standards: Installation, Testing & Commissioning of Substation	05 days	

Production Engineering

Course Title	Duration	Date
Surface Production Operations	05 days	
Gas & Oil Production Engineering & Processing	05 days	
Natural Gas Production & Operation	05 days	
Economics of Petroleum Production	05 days	
Applied Open Hole Log Analysis	05 days	
Oil & Gas Process Facilities Fundamentals	05 days	
Gas Lift Operations & Trouble - Shooting	05 days	
Production Optimization Using Nodal Analysis	05 days	
Artificial Lift Methods	05 days	
Beam (ROD) Pumping	05 days	
Well Testing, Well Completion & Workover	05 days	
Electrical Submersible Pump (ESP)	05 days	
Well Test Design and Analysis	05 days	
Coring and Core Analysis	05 days	

Production Technology for Other Discipline	05 days	
Course Title	Duration	
Basic Petroleum Engineering	05 days	
Simulation Techniques	05 days	
Production Problem Solving	05 days	
Surface Development & Operations	05 days	
Gas Lift Production	05 days	
Oil Dehydration & Desalting	05 days	
Oil Production Well Testing	05 days	
Gas Dehydration Conditioning	05 days	

Oil & Gas Industry Overview	05 days	
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Instrumentation & Controls (IC)

Course Title	Duration	Date
Instrumentation & Automation Control for Process Engineers	05 days	
Process Analytical Technology : A Framework for Innovative Manufacturing	05 days	
SCADA System: Architecture, Communication & Applications	05 days	
Installation Requirements and Procedures for Field Devices & Control Systems	05 days	
Testing, Calibration and Maintenance of ESD & SSSLS Systems	05 days	
Engineering, Configuring & Testing Smart Field Devices	05 days	
Selection, Calibration, Maintenance & Troubleshooting for Field Devices	05 days	
Distributed Control Systems (DCS): Architecture, Communication & Configuration	05 days	
Functional Safety for the Process Industries	05 days	
Industrial Data Communication & Telecommunication Systems	05 days	
Practical SCADA Systems for Industrial Applications	05 days	
Understanding Tuning Controllers & Control Loops	05 days	
Programmable Logic Controllers (PLC): Architecture, Instructions & Programming	05 days	
Advanced Process Control System Applications	05 days	
Process Control Strategies: Principles & Applications	05 days	
Industrial Process Measurement & Controls: Principles & Applications	05 days	

Leadership & Management

Course Title	Duration	Date
Creating your Own Leadership Development Plan	05 days	
Motivational Leadership & Building Successful Team	05 days	
Train the Trainer (TOT)	05 days	
Creating a Successful Mindset & Alignment with Organization	05 days	
Practical Tools for Effective Leadership: Motivating, Coaching & Mentoring	05 days	
Leadership & Personality at Work: The Power of Positive Thinking	05 days	
Situational Leadership for Engineering Professionals	05 days	
Business Continuity & Risk Management Strategy	05 days	
Certified HR Professional & Talent Management	05 days	
Visionary Leadership, Strategic Thinking & Organizational Planning	05 days	
Effective Interviewing Techniques: Hiring, Coaching, & Performance Management	05 days	
People Management Skills for New Supervisors & Team Leaders	05 days	
Managing and Motivating Towards Excellence: Traits & Techniques	05 days	
Enhancing Management Skills: Goal Setting, Planning & Organizing	05 days	
People Management Skills for New Supervisors & Team Leaders	05 days	
Managing and Motivating Towards Excellence: Traits & Techniques	05 days	
Enhancing Management Skills: Goal Setting, Planning & Organizing	05 days	
Leading with Emotional Intelligence: Psychology of Leadership	05 days	
Setting Priorities & Making Decisions Under Pressure	05 days	
Leadership Best Practices: Leading, Influence & Trust	05 days	

Leadership Development Workshop: Putting Leadership into Practices	05 days	
Course Title	Duration	Date
Balanced Scorecard: Achieving Performance Excellence	05 days	
Creative Problem Solving & Decision Making Techniques for Leaders	05 days	
Performance Management & Improvement Strategy	05 days	
Management & Leadership Applications for Line Managers	05 days	
Inspiring Leadership through Emotional Intelligence	05 days	
Plant Management and Leadership: Strategies, Methodologies & Tools	05 days	
Strategic Planning for Organizational Behavior Success	05 days	

Managing Multiple Tasks: Priorities & Deadlines	05 days	
Motivating Employees & Leading Organizational Change	05 days	
6 Ways to Succeed as a Leader	05 days	
The art of being Assertive	03 days	
Building Resilience	02 days	
Crisis Management and Business Continuity	02 days	
Continuous Improvement	03 days	
Train The Trainer	03 days	
Total Quality Management	05 days	
Mind Mapping	05 days	
Leading Effective Meetings	03 days	
Filing and Archiving Management	02 days	

Business Etiquette	03 days	
Course Title	Duration	Date
Business writing	03 days	
Effective Executive Secretaries and Office Managers (Business Etiquet - Communication & Presentation Skills, Managing Priorities Tasks and Deadlines , Managing Business Correspondences, Managing Meetings)	03 days	
The Power of Delegation	03 days	
Effective Coaching & Mentoring Skills	03 days	
Effective Supervisory Skills	03 days	
Transformational Leadership(Advanced Level)	03 days	
Stress & Anger Management at Workplace	03 days	
Problem Solving and Decision Making	03 days	

Geoscience documentation and presentation	03 days	
Public Speaking & Powerful Presentation for Professionals	03 days	

Job Behavior (JB)

Course Title	Duration	Date
Personal Effectiveness & Effective Time Management	03 days	
Reducing Human Errors & Influencing Behavior	03 days	
Office Management & Effective Administration Skills	03 days	
Improving Creative Thinking & Innovation Skills	05 days	
Customer Service Strategy: Achieving Excellence in Customer Service	05 days	
Effect of Attitudes, Values & Emotions in the Workplace	05 days	
Developing Integrated Career Development & Succession Planning	05 days	
Dealing with Difficult Minded People & Conflict Resolution	05 days	
Course Title	Duration	Date

Improving Human Capital & Organizational Performance Improving Human Capital & Organizational Performance	03 days	
Managing Human Failures in Workplace: Detection & Diagnosis	05 days	
Business Etiquettes: Social Graces, Etiquette & Body Language	05 days	
Developing & Maximizing your Personal Effectiveness	03 days	
Familiarization Program for Fresh & Undergraduate Engineers	05 days	
Enhancing Employability Skills: Moving from Framework to Practices	05 days	
Human Relations Movement & Organizational Behavior	05 days	
Masterclass for Executive Secretaries & Administrative Professionals	05 days	
Time Management, Planning, Organizing & Goal Setting	05 days	

Enhancing Operators & Technicians Behavior in the Workplace	03 days	
Embracing & Leading Behavior Change Strategies	05 days	
Organization's Approach towards Talent Management & Strategic Initiative	03 days	
Enhancing Supervisory Skills for Technical Professionals	05 days	
Managing & Controlling Stress at Workplace: Using Mind Tools	05 days	
Enhancing Report Writing Skills for Technical Professionals	03 days	
Building High Performance Team to Success & Beyond	05 days	
Emotional Intelligence & Cultural Diversity for Multicultural Organization	05 days	
Time Management & Stress Control: Leading your Positive Thoughts	05 days	
Creating Effective Job Behavior in the Workplace	05 days	

Human Resources (HR)

Course Title	Duration	Date
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Developing Effective Communication Skills: Change your Lifestyle	05 days	
Resolving Conflicts & Building Winning Partnerships	03 days	
Professional Interviewing Skills	03 days	
HR Strategic Planning	03 days	
Strategic HR Management	03 days	
Performance Management: Setting Objectives and Conducting Appraisals	03 days	
Measuring and Forecasting Human Capital Investment	03 days	
measuring organization performance (KPI's)	03 days	
How to write Human Recourses Policies and Procedures	03 days	
Training Coordination Skills Development	03 days	

Performance Appraisal & Assessment	03 days	
Human Resource Management HRM for Technical Professionals	03 days	
Aligning Training with Corporate Strategy	03 days	
Identifying and Addressing Skills Gaps	02 days	
Designing Effective Compensation & Benefits System	03 days	
Enhancement of Training Coordinator's Skill	02 days	
Budgeting and Budget Control of HR Function: Effective Manpower Planning	03 days	
Employee Relation, Motivation & Discipline	03 days	
The Comprehensive Assessment Toolbox for HR Professionals	03 days	
Course Title	Duration	Date
Identifying Training Needs through Competency Profiling	03 days	
Identification & Analysis of Training Needs	03 days	

On the Job Training Concepts, Techniques & Implementation Process	03 days	
Enhancing Administration Supervisor's Skills	02 days	
Identification and Analysis of Organization's Training Needs	02 days	
Office Management & Effective Administration Skills	02 days	
Induction and Job Orientation Strategies & Techniques	02 days	
Advanced Selection, Interviewing & Recruitment Skills	03 days	
Competency Based Interview & Selection for Hiring	02 days	
Career Development Planning	03 days	
Successful Strategies of Training Services Support	03 days	
Managing HR Performance: Setting KPI's, Tracking Process & Feedback	02 days	

Writing HR Policies, Procedures & Creating Forms	02 days	
Business Writing Skills for Administrative Professionals	02 days	
Masterclass for Executive Secretaries & Administrative Professionals	03 days	
Harmonizing Corporate Training Activities with Business Objectives	03 days	
Performance Management: Setting Objectives & Conducting Appraisals	03 days	
Manpower Planning & Development Competency Assessment through ROI	02 days	
Developing Integrated Career Development & Succession Planning	02 days	
Effective Interviewing Techniques: Hiring, Coaching, & Performance Management	02 days	

Course Title	Duration	Date
Transforming HR to Implement Strategy	02 days	

Quality Management(QM)

Course Title	Duration	Date
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Simplification of Work Processes and Procedures	03 days	
Value Engineering Services For Manufacturability Improvement	03 days	
Value Engineering & Cost Reduction Services	03 days	
Lean Six Sigma Implementation: Best Result & High Performance	03 days	
Quality Management for NON Quality Managers	05 days	
Six Sigma Quality Applications For Business Growth	05 days	
Management Performance Development Using TQM Concepts	05 days	
Value Analysis / Value Engineering and Waste Elimination	05 days	
Productivity Through Process Analysis	03 days	
Total Quality Management Implementation and Systems	05 days	
Achieving Efficiency and Effectiveness in Work Quality Management	05 days	
Evaluation Performance Management and Quality Improvement	03 days	
Process Improvement Through Performance Measurement	03 days	
Management Performance Development Using TQM Concepts	05 days	
Fundamentals of Six Sigma: Quality Engineering and Management	05 days	
Construction Quality Control & Sitr Inspection	05 days	
Quality Improvement Techniques Using 7 QC Tools	05 days	
Quality Control Principles	05 days	
Course Title	Duration	Date
Implementing Cost Reduction through Applied Value Analysis and Value Engineering	03 days	
The SIX SIGMA Approach: How best Companies are Improving Their Performance	05 days	
Performance Quality Improvement	03 days	

ISO 14001 Awareness & Internal Auditing	05 days	
Quality Assurance, Control And Auditing	05 days	
Strategies for Enhancing Services Quality	03 days	
Improving Productivity through Quality and Cost Reduction	05 days	
Defining & Achieving the ROI of Quality in Service	05 days	
Cost Of Quality (COQ)	05 days	
Quality Roles and Responsibilities	05 days	
Total Quality Management (TQM)	05 days	

Finance & Contracts

Course Title	Duration	Date
Finance for Non - Financials	03 days	
Financing Petroleum Projects - Basic	03 days	

Financing Petroleum Projects - Advanced	03 days	
Financial Auditing and Control	03 days	
Managerial Accounting and Decision Making	03 days	
Strategic Finance and Accounting for Oil & Gas Companies	03 days	
Petroleum Economics	03 days	

Course Title	Duration	Date
Accounting & Finance in oil & Gas Industry	03 days	
Accounting for Non Accountants	05 days	
Advanced payroll Skills	05 days	
Advanced cost accounting	05 days	

Advanced Management Accounting	05 days	
Basic Payroll Skills	05 days	
International financial Management	05 days	
Introduction To Oil Accounting	05 days	
Basic Petroleum Economics	05 days	
Best practices in finance accounting	05 days	
Advanced Budget	05 days	
Budgets & Budgetary Control	05 days	
Budget & Planning	05 days	
"Operational Budgeting & Cost control"	05 days	
Budgeting For Human Resources	05 days	
Budgeting & Costing for decision Making	05 days	
Budgeting Planning & Management Reporting	05 days	
Budgeting and Cost Control	05 days	
Advanced cash flow Management	05 days	
Cost & Budget Control For Non-Financial Staff	05 days	
Course Title	Duration	Date
Cost Accounting Systems	05 days	
Cost Allocation	05 days	
Petroleum Agreements	05 days	
Cost Analysis Course	05 days	
Cost Control & Budgeting	05 days	

Finance For beginner Bankers	05 days	
Finance For non-Finance Manager	05 days	
"Executive Advanced Finance for non-Finance Manager"	05 days	
Finance analysis skills	05 days	
Financial analysis Evaluation Budgeting & Decision making	05 days	
Financial Auditing & Control in oil & Gas Co.	05 days	
Financial Best practice	05 days	
Financial Reporting in oil and gas co.	05 days	
"Financial Risk Management (FRM)"	05 days	
Fundamental of financial management	05 days	
الأسس المالية المتقدمة "وخطبات الضمان"	05 days	
Fundamental of Accounting	05 days	
International Accounting standards	05 days	
Modern International accounting standards	05 days	
International Commercial (INCOTERMS 2010)	05 days	
International financial Management	05 days	
Introduction To Treasury Management	05 days	
Islamic Banking Services Products	05 days	
Marine Insurance on cargo	05 days	
Accounting For oil & Gas industry	05 days	
Planning & Operational Budgeting	05 days	
Standard Budgeting Accounting & Costing in the oil & Gas industry	05 days	

The analysis of financial statements	05 days	
Treasury Management	05 days	
Well Cost Analysis & Control	05 days	

Marketing & Sales

Course Title	Duration	Date
Introduction Strategic Marketing	03 days	
Sales Skills	03 days	
Marketing Strategic Planning	03 days	
Making Sense of Marketing	03 days	
Art of Advertising	03 days	
Managing Marketing Campaigns	03 days	
Social Media Today	03 days	
Maintaining a professional image	03 days	

Public Relations

Course Title	Duration	Date
Public Relations in Oil Industry	03 days	
Events and Conferences Management	03 days	
Executive Secretary	05 days	
Public Relations Campaigns: From Planning to Execution	03 days	

Language

Course Title	Duration	Date
English for Business (Oil & Gas industry)	04 days	
Technical Report Writing (Arabic, English)	04 days	



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English Technical Language in Meetings, Negotiations & Decision Making	05 days	
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Medical programs

Course Title	Duration	Date
First Aid For Medical Staff	05 days	
Pharma Practice	05 days	
Basic Life support (BLS)	05 days	
International First Aid (PR & AED)	05 days	
Hazard analysis & critical control point (HACCP)	05 days	
ISO 2200 / 2005	05 days	
Best practice of food serving	05 days	
Food poisoning	05 days	
Basic Clinical & Surgical Skills for Emergency	05 days	
Course Title	Duration	Date
European Truma Course (ETC)	05 days	



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Food safety	05 days	
Basic Truma Life Support For Nurses	05 days	
occupational diseases	05 days	
H2S	05 days	
Defensive driving	05 days	
Generally Medicine	05 days	
generally Surgery	05 days	
Working at heights	05 days	
Family Medicine	05 days	
waste management	05 days	
ergonomics	05 days	
Basic First Aid	05 days	
Food & Hygiene	05 days	