



Expression of Interest to Facilitate at 2022 UIPE CPD Trainings

Uganda Institution of Professional Engineers (UIPE) is a professional body that brings together all engineers and technicians in Uganda for the purpose of promoting proper engineering practices in the country.

Amongst the UIPE Strategic goals is to improve membership professional development through reviewing, implementing and tracking the CPDS for professional growth. One of the activities to arrive at this objective is to identify, develop and update a database of Trainers. UIPE annually conducts Continuous Professional Development (CPD) trainings on topics of relevance and interest to her members. For the year 2022 the following CPD trainings are lined for members and un-members to attend.

CPD TOPICS FOR THE YEAR 2022

SN	CPD TOPIC	SUB TOPICS EXTRACTED FROM THE LIST OF TOPICS RECEIVED FROM MEMBERSHIP
1	Career and Technical Report Writing Skills.	<ol style="list-style-type: none"> 1. Emotional Intelligence for Engineers' 2. Engineering ethics 3. Engineers' integrity on project implementation/assignments 4. Team building and motivation of personnel on construction projects. 5. Time management
2	Modern IT Applications in Project Planning and Management	<ol style="list-style-type: none"> 1. Advanced spreadsheets. 2. Application of Building Information Modelling in Uganda 3. Practical Application of MS Project in Project Management
3	Accounting for Non-Financial Practitioners	<ol style="list-style-type: none"> 1. Accounting for non -financiers 2. Financial Analysis of infrastructure Projects. 3. Financial Management for Engineering Professionals

		<ul style="list-style-type: none"> 4. Introduction to Asset management 5. SME Business Essentials and Practices
4	Competitive Soft Skills for Engineers in the 21 st Century	<ul style="list-style-type: none"> 1. Communication and public speaking for Engineers 2. Influencing policy formulation by Engineers. 3. Negotiation skills 4. Stakeholder Engagement and Management 5. Proposed Title: Competitive Soft Skills for Engineers in the 21st Century
5	Contract Management in Engineering Procurements	<ul style="list-style-type: none"> 1. Evaluating Design consultancy and Construction bids" 2. Preparing detailed engineering contract specifications 3. Preparing project formulation documents (concept notes, feasibility study, project business case, project charter, project logical frameworks etc.) 4. Quality management in engineering projects. The case of Uganda's collapsing buildings.
6	Project Financing and Project Life Cycle Management	<ul style="list-style-type: none"> 1. Project Appraisal and Financial Management 2. Project cost control and Management 3. Project Financing and financial assessment. 4. Project Risk Identification and Management 5. Resource Mobilization (PROJECT LIFE CYCLE MANAGEMENT)
7	Environmental, Occupational Health, Safety and Social Safeguards in Engineering Projects	<ul style="list-style-type: none"> 1. Environmental management in engineering projects 2. Occupational Health and Safety training 3. Project Site Safety Matters and Best Practices

		<p>4. Work permitting process. A tool for implementing health, safety, security and environment in the oil and gas sector. (Public, Private and Donor Funded Projects)</p>
8	Energy Efficiency and Climate Change Management	<ol style="list-style-type: none"> 1. Bio Gas systems 2. Electrical installation and technology, power systems and safety and project planning and management 3. Energy efficiency. Also, there are service providers such as AEE others offering training in energy efficiency and renewable energy 4. Renewable Energy and Systems 5. Smart Grids 6. Solar systems; grid tie systems, off grid systems and solar water pumping. 7. Sustainability In Construction: How local authorities can enforce sustainable aspects of projects e.g., Green Buildings, Clean Energy, Renewable Materials.
9	Engineering Work Supervisions for Technicians and Technologist Inclusive of IT Skills	
10	Practical Problems Solving Skills for Technologists and Technicians	

Qualifications and Experience

The consultant should:

1. Have a minimum of a Bachelor's Degree in Engineering,
2. A Masters or Post Graduate degree in the related topic will be added advantage
3. At least 5 years of experience of training in topic of interest.
4. Should demonstrate ability to communicate and should have a track record of deliverables within an agreed time.
5. Must have attended a Training of Trainers Course

Applicants should send a cover letter and CV to info@uipe.co.ug. Applications should be received by 17:00hrs **15 January 2022**