

# GHIE PROGRAMMES FOR NOVEMBER 2017

NO.	SEMINAR	DATE	AMOUNT	TOPICS (INCLUDES)	RESOURCE PERSON
1.	Structural Integrity Investigations (Buildings and Roads)	Nov 1 - 2	GH¢650	<ul style="list-style-type: none"> <li>• Concept of technical audit in association with Structural Integrity Assessment</li> <li>• Detailed structuring of the Integrity Assessment</li> <li>• Physical Observations – first point of assessment</li> <li>• Material Observation (Material tests) – various states of the material strengths</li> <li>• Analytical Observation (Analysis and redesign) – how was the structure before and after loading? How should it have been in its minimum state of strength, according to the applicable codes?</li> <li>• Deductions – from test and analysis results</li> <li>• Conclusions and discussions</li> <li>• Recommendations – retrofitting or reconstruction? Various methods of retrofitting</li> </ul>	<p>Ing. Joshua Nii Moilai Allotey (MSc-Civil Eng., MGhIE, S.E., M.ASCE) is the principal consultant of JUKESS CONSULTANCY AND SERVICES. He acquired his MSc in Civil Engineering in 1997 at the Bauhaus University in Germany, and specialised in Structural/bridge Engineering and Project/Construction Management.</p> <p>He has conducted Structural Integrity Assessment on at least 15 buildings, and conducted over 20 peer review on structural designs in the last 2 years. He was a member of the committee that investigated the Melcom disaster, and has headed several committees that investigated over 5 building collapses in Ghana and Nigeria. He once worked as an adjunct lecturer at the Central University College at Miotso, near Prampram.</p>
2.	Safe Systems of Works	Nov 9 - 10	GH¢650	<ul style="list-style-type: none"> <li>• Work at heights (Access Control, Scaffolds and Ladders)</li> <li>• Work Permit System (General, Electrical, Hot work/welding, Confined space entry, etc.)</li> <li>• Machine Guarding – Types of guards , Hazards and controls</li> <li>• Incident/Accident Reporting, Investigation and preventive actions</li> <li>• Control of Hazardous Energies (LOTO)</li> <li>• Office Safety</li> </ul>	<p>Ing. BEN RICHARD ANIAGYEI, Managing Director and Principal Consultant of B.R.A. &amp; Associates Ltd, is a Mechanical Engineer. He has 30 years working experience with Unilever Ghana Ltd and other Unilever Companies outside Ghana and over 10 year's consulting experience in Mechanical/Industrial Engineering, Occupational Health &amp; Safety, (OHSAS 18001), Environment (ISO 14001) and Quality (ISO 9001) Management Systems. Ben held several positions including the Chief Engineer (Unilever, Tema Factory), Production Manager (Pamol Plantations, Malaysia), Technical Manager (Unilever Plantations, BOPP/TOPP) and HSE Lead Auditor for Unilever Africa Business Group. Ben is a Fellow and Past President of GhIE and a Fellow of International Institute of Risk and Safety Management, FIIRSM -UK.</p>
3.	Site Supervision	Nov 15	GH¢350	<ul style="list-style-type: none"> <li>• Duties and responsibilities of a Site Engineer</li> <li>• Preparation and writing of site report</li> <li>• Quality control</li> </ul>	<p>Ing. Joshua Nii Moilai Allotey (MSc-Civil Eng., MGhIE, S.E., M.ASCE) is the principal consultant of JUKESS CONSULTANCY AND SERVICES. He acquired his MSc in Civil Engineering in 1997 at the Bauhaus University in Germany, and specialized in Structural/bridge Engineering and Project/Construction Management..</p>

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4.	Construction Management Course	Nov 21 – 22	GH¢650	<ul style="list-style-type: none"> <li>• Types of contracts</li> <li>• Bidding and award procedures</li> <li>• Construction planning and scheduling</li> <li>• Construction management versus general contracting</li> <li>• Construction budgets, cost estimating and control</li> <li>• Monitoring</li> <li>• Financial control systems</li> <li>• Safety</li> </ul>	Ing. Daniel K. Bainsong BSc. Civil, MSc Birmingham UK, FGhIE, Managing Director of Estpro Limited, a Consulting Engineering. He has over 32 years' experience in Construction Management, Project Management and Procurement. Major Civil Engineering, Roads, Waste and Sanitation project. Co-Resource Person is also a seasoned professional Quantity Surveyor over 25 years' experience in Roads and Highway, Procurement and Bridges etc.
5.	Preventive Maintenance Essential Care & Condition Monitoring (PM/ECCM)	Nov 21 - 22	GH¢850	<ul style="list-style-type: none"> <li>• Why PM is Important</li> <li>• Developing the PM Program</li> <li>• Identifying the Equipment to include in the PM Program</li> <li>• How to Develop PM Requirements for the Equipment</li> <li>• How to Develop PM Task Sheets</li> <li>• Determining the Skill Requirements for PM Tasks</li> <li>• Determining the parts Requirements for PM Tasks</li> <li>• Determining the Scheduling Requirement for PM Tasks</li> <li>• Executing PM Tasks</li> <li>• Consistent PM Program Follow-up</li> <li>• PM performance management</li> </ul>	Mr. Kyere-Frempong Emmanuel has over 20 years' experience drawn from Plant supervision, Engineering Project Leadership, Maintenance Engineering/Management, Production/Operations Management, General Management and lecturing positions. With M.Sc. Energy Technology, B.Eng. Production and Operational Management, Logistics and Supply Chain management he is resourceful trainer and consultant in Plant Operations, Reliability Maintenance, Energy management, Production processes among others.
6.	Implementation of Effective OHSE Management System	Nov 28 - 29	GH¢650	<ul style="list-style-type: none"> <li>• Overview of Occupational Health, Safety and Environmental (HSE) management system requirements: -PLAN, DO, CHECK and REVIEW / ACT</li> <li>• Management responsibilities and commitment to: -Policy Objectives and Risk Assessment, -Legal and other Requirements, -Resources, Roles, responsibilities, Accountability and Authority required to ensure effectiveness of the system, -Management reviews</li> </ul>	Ing. BEN RICHARD ANIAGYEI, Managing Director and Principal Consultant of B.R.A. & Associates Ltd, is a Mechanical Engineer. He has 30 years working experience with Unilever Ghana Ltd and other Unilever Companies outside Ghana and over 10 year's consulting experience in Mechanical/Industrial Engineering, Occupational Health & Safety, (OHSAS 18001), Environment (ISO 14001) and Quality (ISO 9001) Management Systems. Ben held several positions including the Chief Engineer (Unilever, Tema Factory), Production Manager (Pamol Plantations, Malaysia), Technical Manager (Unilever Plantations, BOPP/TOPP) and HSE Lead Auditor for Unilever

			<ul style="list-style-type: none"><li>• Implementation Guidelines</li><li>• Key Success Factors affecting the implementation process</li><li>• Benefits of implementing an effective HSE management System</li></ul>	Africa Business Group. Ben is a Fellow and Past President of GhIE and a Fellow of International Institute of Risk and Safety Management, FIIRSM -UK.
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