



Training Course :

Geometric Design of Urban & Rural Roads

Training Course For One Week In

United Kingdom , London , Radisson Blu Portman Hotel

Which Be Held As Under Details :



Abar Solutions Petroleum Consultancy Invite Your Employee To Participate With Us In Special Training Course As Under Details :

Course Name		Geometric design of urban and rural roads			
Code	Period	Language	Start	End	Location
CE 23	5 Days	English	13/08/2017	17/08/2017	United Kingdom , London , Radisson Blu Portman Hotel
			03/09/2017	07/09/2017	
			08/10/2017	12/10/2017	
			12/11/2017	16/11/2017	
			10/12/2017	14/12/2017	
			14/01/2018	18/01/2018	
			11/02/2018	15/02/2018	
			11/03/2018	15/03/2018	
			15/04/2018	19/04/2018	
			20/05/2018	24/05/2018	
			10/06/2018	14/06/2018	
			22/07/2018	26/07/2018	
** The Fees Includes : Lecturer , Training Material , Training Room With One Coffee Break Daily , Certificate Of Attendance In Last Day Training Course **					

Course Description

⇒ Good road design will achieve operational efficiency, be safe and cost effective, and minimise the environmental impact. The role of the road designer is to produce the most appropriate design that achieves the specified functionality using the design inputs from all relevant disciplines. The design must provide for a safe and efficient road facility that takes into account all inputs from stakeholders and road users.

⇒ This workshop will cover these principles so that delegates will obtain a clear understanding of the key geometric design requirements for road design. Delegates will be given the opportunity to apply the knowledge gained with various design exercises and syndicate participation of a re-design of an actual three kilometre rural roads

Course Objectives

⇒ Develop a basic understanding of the fundamentals in geometric road design Consider key engineering aspects that relate to a road design project Apply the knowledge gained through various design exercises to confirm understanding undertake a preliminary rural road design exercise on the drawing board in a design team environment

Course Content & Outlines

- ⇒ **Road hierarchy and road classification in both urban and rural areas**
- ⇒ **Design control and criteria**
- ⇒ **Sight distances and their applications**
- ⇒ **Horizontal alignment**
- ⇒ **Vertical alignment**
- ⇒ **Intersections (at-grade, grade separation, interchanges)**
- ⇒ **Traffic control devices**