

Digital Engineers Holds the Future of the Oil and Gas Industry: An Opportunity for Next Gen Engineering Workforce



Current SPE Resource contributing to the oil and gas knowledge base, raised the awareness on the need to train the future engineers with right skill development to take up the huge exodus of experience engineers in the industry that are projected to retire in the next 5-7 years. The trends that will make this inevitable are discussed. The skill the industry should look for when hiring is explained. The recent report by the Australian Workforce and Productivity Agency AWPA on the importance and urgency of this new skill training and development only goes to show the importance of this topic- A must read for HR, training departments and IT Upstream department. Americas Energy Poise to become Energy Superpower says a new report by the America Petroleum Institute Mr. Vito Testaguzza Managing Director of Saipem Nigeria reveals Sapiems commitment to local content and sustainability projects planned for the region in 2014. Railroad Commission of Texas clarifies Texas Force Pooling Law, Shell-Travel Center to Build 100 LNG Commercial Fueling Network for 18 Wheeler Trucks Nationwide says Dan McCarthy GM National Accounts, Shell Oil Products and Lee Whittaker, CEO and President, United Safety talks about the worlds first vehicle gas protection system. Nigeria Largest Oil Producer in Africa-Fourth Largest LNG Exporter, Global opportunities in marginal field and power sector is highlighted in this report. Read more about global oil and gas reports, latest innovations and happening- in this news pack edition

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Engineering and Computer and Mathematical job families,. relevant for civil, mechanical, electrical/electronic and computer engineers. Altogether, this report highlights a bright future for engineering in Canada. . Appendix A Occupation Workforce Concepts . . Table 6.2 Top 25 Employment Estimates, Chemical Engineers by Industry .. Figure 2.1 Oil and Natural Gas Prices . **The Future of Australian Electricity Generation - Engineers Australia** 3.2 Focus on the transport sector. 16. 3.3 Consider social objectives in electricity generation policy. 18. 4. Australias future depends on improved infrastructure. **a future that works: automation, employment - McKinsey & Company** Digital Engineers Holds the Future of the Oil and Gas Industry: An Opportunity for Next Gen Engineering Workforce (English Edition) [Kindle edition] by GLORIA **A billion-dollar digital opportunity for oil companies McKinsey The future of jobs in Canada -** The future of manufacturing will be primarily governed by two macro manufacturers to gain traction and thrive in an industry where scale was once a virtual imperative. Economics of the value chain: Digital technologies are narrowing the . The next generation of these devices, however, is likely to be **Trends and Challenges for the Oil and Gas Industry Stout** Manufacturers need to evolve to appeal to the millennial generation and **Appealing to the next generation of manufacturing workers industries-the constant concern of replacing the retiring workforce to preserve the current way of life. . 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This report takes a look at six of the issues currently impacting the oil and gas industry (and the upstream. **Succession Planning: Retaining Skills and - Alberta, Canada** Digital Engineers Holds the Future of the Oil and Gas Industry: An Opportunity for Next Gen Engineering Workforce eBook: GLORIA TOWOLAWI, USAOGM **Digital Engineers Holds the Future of the Oil and Gas Industry: An** But AB Oils engineers never took advantage of any of these opportunities. Why The new generation of advanced-analytics programs are able to execute a massive The challenge for oil and gas companies long has been how to quantify, and . For an example of what the future may hold in machine learning, search for **Standardisation of processes and specifications in the oil and gas** As the old school retire from the petroleum industry and the new generation of consider the innovation of electronic technologies in terms of an oil and gas In the next section, we shall discuss in more detail how data-driven models . of possible DDM applications in E&P are only limited by an engineers imagination. **The State of the Engineering Profession - Engineers Australia** In the next five to seven years, an opportunity will arise for a new generation workforce to come into the industry and run it, the report added. **Fuelling the**

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