

## **CONSULTING WORK AND COLLABORATION IN THE KINGDOM**

- \* **Consulter**  
Visit (on Nov. 1996 and Jan. 1998) as **Consulter** in *the field of Natural Radioactivity Measurements* to the **Quality Control Lab., Dammam Sea Port**, Eastern Province, Dammam, Saudi Arabia.  
  
Helping **Saudi Aramco Radiation Protection Unit** of Environmental Compliance Dept., Dhahran in installation and testing of Gamma Spectroscopy Facility for field measurements (2005).  
  
**Training of two staff from Environmental Compliance Division, Saudi Aramco for in-situ Gamma Spectroscopy. (An appreciation letter was received from ECD, General Supervisor, Saudi Aramco)**
- \* Successful calibration of NaI Gamma Rays Detector of Nuclear treatment Lab of Saudi Aramco Hospital in measuring B12 deficiency in the urine.
- \* **Academic Collaboration**
- \* Collaboration work with **Dr. Salem Ali Shaheen** from **Physics Dept. King Abdulaziz Univ., Jeddah**, on "*The efficiency measurements of HPGe detector in close geometry*" (1999).
- \* Helping in the Experimental Part of an MS Thesis on Natural Radioactivity of House utensils, supervised by Dr. Mohammad Al-Ohali of Physics Dept. for a graduate student from **Jubail, Faculty of Education, Females**.
- \* Helping in Experimental Part of Pulse Processing of Electronic Devices, a Ph.D thesis of **Mr. Wasim Raad of Computer Engineering Dept., KFUPM** who is doing his Ph.D. in England.
- \* Helping to two faculty colleagues from **Physics Dept., KFUPM**, in establishment for a PC based Gamma Spectroscopy Setup (2002).
- \* Presentation at the **Hossaini High School English Section Al-Khobar**, Title of the Presentation: "Atoms and Radioactivity", May 16, 2007
- \* **Industrial Collaboration**  
"*Analysis of Vanadium contamination in catalysts samples by Thermal Neutron Activation Analysis*"  
**Al-Bilad Catalyst Co. Ltd.** Jubail Industrial City 31961, Saudi Arabia (2000).