



International Joint Conference on e-Business and Telecommunications

**ICETE 2007**

## Official Certificate

*Adnan Gutub*

Of

King Fahd University of Petroleum and Minerals (KFUPM)

attended the

**International Joint Conference on e-Business  
and Telecommunications (ICETE 2007)**

held in Barcelona, Spain, July 28-31, 2007

and presented a paper entitled:

***“UTILIZING EXTENSION CHARACTER  
'KASHIDA' WITH POINTED LETTERS FOR  
ARABIC TEXT DIGITAL WATERMARKING”***

as a conference speaker.

On behalf of the organizing committee,

Joaquim Filipe  
(ICETE Conference Chair)