

## Prof. Dr. Gülten Gürdağ

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Gülten Gürdağ received B.S., M.S., and Ph.D. degrees in chemical engineering from the University of Istanbul, Istanbul, Turkey, in 1984, 1986, and 1990, respectively. Since 1985, she has been working in Chemical Engineering Department of Istanbul University, where in 2010, she became a full professor.

From May 1995 till August 1996, she has worked on *the oxidation of carbonmonoxide by platinum-metal oxide catalysts* in University of Karlsruhe in Germany as DAAD (German Academic Exchange Service) scholar. In 2001 from January till April, she has worked on *oxidative dehydrogenation of propane* in Fakultät für Chemie, Ruhr-Universität Bochum in Germany as visiting scientist. She was the member of Faculty Academic Board in Faculty of Engineering of Istanbul University as the representative for associate professors between December 2005 – December 2008. From February 2006 to August 2007, she has worked as Vice Chair of Chemical Engineering Department of same university.

She is working on the grafting of vinyl monomers onto cellulose, thermo- and pH-responsive polymers, and the removal of heavy metal ions from aqueous solutions by hydrogels. Her current research interests include the synthesis and applications of stimuli- (electric field-and magnetic field-) responsive polymers. Since March 2014, she is the head of Chemical Technologies Subdepartment in the Chemical Engineering Department of Istanbul University.