

**Farid Benyahia**  
**PhD., Professor and Head**

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Professor Farid Benyahia joined the Department of Chemical Engineering in September 2006 and he is currently the Head of Department.

Previously he held positions of Associate Professor, Professor and Head of Chemical and Petroleum Engineering Department at the [UAE University](#) (2001-06), Senior Lecturer in Chemical Engineering at [Teesside University](#) in the UK (1992-2001), [EPSRC](#) Research Fellow in Chemical Engineering at [Leeds University](#) in the UK (1989-92) and Research Engineer in the [petrochemical industry](#). Prof. Farid Benyahia obtained his BSc (Hons) in Polymer and Chemical Engineering from the [University of Aston in Birmingham](#) (UK) and his MSc and PhD in Chemical Engineering from [Newcastle University](#) in the UK. Professor Benyahia is a [Fellow of the Institution of Chemical Engineers](#) and a UK registered [chartered chemical engineer](#). He worked extensively on Chemical and Biochemical Reaction Engineering Systems (over 25 years experience) and process design and simulation. He supervised and co-supervised to completion 11 PhD thesis, 15 MSc Projects (mainly in Clean Manufacturing and Environment) and acted as external examiner for 7 MSc's (research) and 3 PhD's in the UK. Prof Benyahia chaired the Research Degrees Committee in the School of Science & Technology of Teesside University (UK) and directed the MSc program in [Clean Manufacturing Technology](#) also at Teesside, UK. He is a reviewer for well known international journals in chemical engineering and research grant awarding bodies internationally. Prof Benyahia has carried out consultancy work for [UK chemical and waste water industries](#) and [UAE industry](#). He developed an important infrastructure and research program at the UAE and Qatar Universities in soil bioremediation, advanced water treatment using immobilized cell technology (nitrification) in bubble columns, airlift bioreactors, membrane bioreactors and carbon capture and storage by mineralization. He has also been awarded major research grants from [JCCP](#) (Japan), in partnership with [TAKREER](#) (Abu Dhabi Oil Refining Co) and [Nippon Oil Corp](#) (NORI, Japan) to develop advanced refinery oily waste water treatment technologies and an [NPRP](#) grant from Qatar Foundation to carry out research and development in CO<sub>2</sub> mineralization.

He trained undergraduate students in research methods and practice through 4 [UREP](#) grants funded by Qatar.