

SEMINAR ANNOUNCEMENT

MARMARA UNIVERSITY

ENVIRONMENTAL ENGINEERING DEPARTMENT

Kartik Chandran, PhD

Associate Professor

Department of Earth and Environmental Engineering,
Columbia University, New York, USA

URL: www.columbia.edu/~kc2288

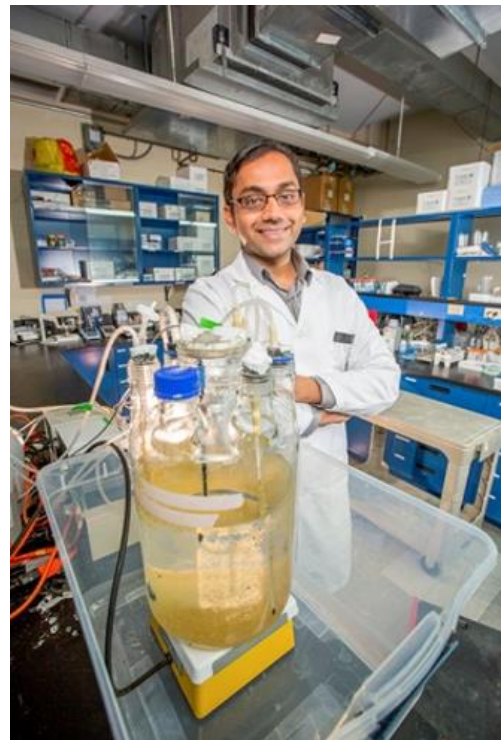
[Wastewater Treatment and Climate Change Program](#)

Prof. Chandran will be in Marmara University, Environmental Engineering Department between December 10th and December 18th through the TUBITAK 2221- Fellowships for Visiting Scientists and Scientists on Sabbatical Leave program.

Lecture series of Prof. Chandran organized for graduate and undergraduate students are listed below:

Contact person:

Assoc. Prof. Bilge Alpaslan Kocamemi,
Marmara University, Environmental
Engineering Department,
E-mail: bilge.alpaslan@marmara.edu.tr



Lectures targeting junior & senior (3rd & 4th year) students:

+ Environmental Microbiology: Principles of Microbiology and Genetics, Microbial Metabolism, Energetics and Kinetics, Characterization of Microbial Populations and Communities
[Friday, December 11th, 2015, 10:00-12:00](#)

+ Environmental Biochemical Processes: Classification of Biochemical Operations, Fundamentals of Different Biochemical Operations, Design and Evaluation of Suspended Growth Processes, Activated Sludge and Biological Nutrient Removal
[Tuesday, December 15th, 2015, 10:00-12:00](#)

Lecture for MSc & PhD students:

+ Environmental Biotechnology: Principles of Microbial Metabolism (Catabolism and Anabolism), Principles of Cometabolism, Energy Metabolism versus Cometabolism, Synthetic Organic Chemical Classes, Biodegradation of Synthetic Organics (e.g., Pharmaceuticals, Trace Organics)
[Thursday, December 17th, 2015, 10:00-12:00](#)

Meeting to discuss about the opportunities for graduate studies in USA, specifically at Columbia University.

+ Graduate Studies in USA
[Thursday, December 17th, 2015, 15:00-16:00](#)

Engineering Building - B, Conference Room #MB144
