

Hilmi Demiray was born on February 10, 1942 in a village, known as BOZGÜNEY KÖYÜ(Adana). He completed his elementary education in his village in 1953 and spent some time in an unofficial religious school to become a hafız. He started his secondary school education in 1956 and graduated from the high school in 1962 in Adana. He then took the university entrance exam and was accepted to the Technical University of Istanbul(İTU), Faculty of Civil Engineering by getting the highest point(985/1000) in entrance exam. In 1967 he graduated from İTU with an excellent degree and awarded with a Master degree in Civil Engineering. His thesis advisor was Professor E. S. Şuhubi.

He started his doctorate programme at Princeton University, Department of Aerospace and Mechanical Sciences (USA). His PhD thesis advisor was professor A. C. Eringen. He got his PhD degree from this department on May 1971 with a thesis entitled "A continuum Theory of Charged Mixtures".

Upon his graduation from Princeton he started his post-doctoral position at McMaster University, Ontario(Canada) and worked there until October 1972. Then, he returned to Turkey to complete his compulsory military service and completed it at Airforce Military School as an instructor in February 1974. Following the military service he started to work at TÜBİTAK Marmara Research Center, Department of Applied Mathematics as a Senior Research Scientist until November 1979. In the mean time he presented the Habilitation in November 1976 and became a Doçent(Associate Professor). In November 1979 he started to work at the Technical University of Istanbul, Department of Engineering Sciences, and continued to work as a part time Senior Research Scientist at Marmara Research Center. He was academically promoted to full professorship in November 1981 but, due to restrictions of new higher education law, he was not appointed to a professorship position. Between November 1986- November 1989 he worked as a full professor at Istanbul University, Department of Mathematics and came back to the Technical University of Istanbul and worked there until he retired in July 1999. In the mean time he worked as the Director Basic Research Institute in Marmara Research Center for seven years (between 1986-1993).

Upon retirement from the Technical University of Istanbul he was invited to Işık University as the founding Dean of the Faculty of Arts and Sciences between July 1999- August 2005. Presently, he is a faculty member at Işık University Department of Mathematics.

His main concern of research is continuum mechanics as applied to deformable electromagnetic theory, mixtures, biomechanics of soft and hard tissues, and applied mathematics as applied to nonlinear waves in fluid-filled elastic(viscoelastic) tubes, and various perturbation techniques as applied to nonlinear waves in plasma physics. In these research areas he published around 240 scientific papers.

Awards he received are: TÜBİTAK Young Science Award(1974); Sedat Simavi Foundation Science Award(1978); TÜBİTAK Science Award(1984);The Science and Technology Award of İTU Foundation(1997).

He is married and has two children.