

Laboratory Name: Sustainable Advanced Materials Frontier Laboratory

Company: Kordsa

Laboratory Manager: Dr. Gökçe Uğur Erinç

Laboratory Manager Short Biography:

Gökçe has been working as Chemicals, Lab. & Compounding Platform Leader in Kordsa Global Technology since 2020. After getting her Bachelor's Degree in Materials Sci. and Eng. at Sabanci University in Turkey, she studied at the University of Akron and got her Ph.D. degree in Polymer Science in 2009. She continued to strengthen her background on polymeric materials by doing postdoctoral research at University of California, Merced. After 10 years of academic career, she decided to use her knowledge in industry and joined R&D team of Materials Technologies' Polymers and Chemicals division of Arçelik, the leading global white goods manufacturer. She worked on projects to develop alternative and sustainable polymeric materials for appliances. In Kordsa, she has been leading a team of experts, project leaders, engineers and technicians of almost 30 people. She and her team have been spending quite time on sustainability transformation of Kordsa to have more sustainable advanced products and processes to provide low carbon, circular economy.

Reserach Area: recycling technologies, biobased chemicals and polymers, sustainable mobility (sensors, energy harvesting, thin films), sutainable composite materials, sustainable construction materials (fibers and chemicals)