

Prof. Pavol Alexy, PhD. is a head of Plastic, Rubber and Fibres Department of the Institute of Natural and Synthetic Polymers, Faculty of Chemical and Food Technology, Slovak University of Technology in Bratislava. Simultaneously he is a head of the R&D Department of the PANARA company <https://panaraplast.com/en/>.

He finished his master study at the Slovak University of Technology in Bratislava, Faculty of Chemical and Food Technology in 1985, in 1989 he successfully completes PhD study.

In years 1989 – 1997 he worked in industry as a technologist in the polymer processing focusing mainly on thermoplastics processing.

After coming back to university, he built the research group oriented to the ecological solutions for the polymer applications in a close cooperation with industrial partners, mainly with the company PANARA.

Since 2013 he is a full professor at the Slovak University of Technology in Bratislava. Prof. Alexy is author of more than 60 scientific publications and several granted patents. The most significant solutions coming from his research group are thermoplastic polymer blends, which are fully compostable, biocompatible, and built of 100% biobased polymers. The main application focus is on materials for packaging. Recently he works towards application of these materials in the medical field, particularly in biobased biodegradable plastics for tissue engineering.