

Prof. Samuel Kenig

Before joining the Academia, Dr. Kenig served in various industrial R&D positions.

- In 1974 he joined the Research Authority of the Israel Ministry of Defense, where he held various positions in the Materials and Processes Division. In 1986 Dr. Kenig assumed the position of Managing Director of the Division till 1991.
- Upon leaving the MOD, Dr. Kenig established in 1992 the Israel Plastics & Rubber Center (IPRC) Ltd. aimed at advancing the technical and scientific infrastructure of the Plastics & Rubber industries. IPRC became under Dr. Kenig's leadership an effective and highly acclaimed R&D institute in Israel and abroad. Dr. Kenig served as the Managing Director of IPRC till May of 2014.

Co-currently with his industrial activities Prof. Kenig was involved in academic affairs. During his work with the MOD and IPRC Dr. Kenig supervised (jointly) 6 M.Sc. and 4 Ph.D. students in the Technion.

- In 1994 Dr. Kenig established the Department of Plastics Engineering in Shenkar College of Engineering and Design and was appointed the Department Head..
- He was granted the rank of Full Professor in 2000.
- In 2007 Prof. Kenig was appointed as Dean of Engineering Faculty in Shenkar College.
- In 2009 Prof. Kenig established the Master of Science (M.Sc.) degree in Shenkar and was appointed Head of the Graduate Studies in Plastics Engineering.
- In 2010 Prof. Kenig established a joint Ph.D. program with the department of Plastics Engineering in UMass Lowell. Since then 6 Ph.D. students graduated from the joint program.
- Since 2000 Prof. Kenig is involved in R&D activities related to polymer nanocomposites. This work led to numerous publications and 4 major Patents. The patents were commercialized by Nanto Ltd. (Italy) where corrosion resistance paints containing functionalized nanoclays have been developed and are sold under the trade name of "Nanto Protective Paints". In addition fire retardant polymers based on nanoclays functionalized by fire retardant chemicals are currently sold under the trade name "Nanto FR" and "Nanto FR Paints".
- Since 2005 Prof. Kenig is involved in R&D related to superhydrophobic coatings. His research led to joint research program with UMass Lowell leading to numerous publications and a Patent. The results are applied as icephobic coating in military applications.
- Prof. Kenig is the author of more than 150 papers and 16 Patents and has delivered more than 120 lectures in International Conferences.

Prof. Kenig has been active in various public activities for the last 40 years

- Member of the Society of Plastics Engineers (SPE) since 1969.
- Member of the Israel Polymers and Plastics Society (IPPS) since 1974.
- Secretary of IPPS from 1978 to 1981.
- Editor of "Polymers and Plastics"- Publication of IPPS from 1977 to 1981.
- President of IPPS from 1984 to 1986.
- Chairman of the Israel Section of the SPE from 1985 to 2010.
- Councilor of the Israel Section of SPE from 2012 to present.
- Member of the Executive Committee of the "Additives and Color" Division, SPE Europe from 2003 to present.
- Member editorial board - Progress in Polymer Science.
 - Polymers for Advanced Technologies.
 - Science and Engineering of Composites
 - Progress in Polymer Processing
- Elected as Fellow of the SPE in 2001.
- Elected as Honorary Fellow of IPPS in 2003.
- Elected for the International Award of the SPE for 2016.