

## First Laureate Fundamental Research



- **Research Work Title:** Developing Knowledge of Organosilicon Compounds in Iran
- **Researcher:** Prof. Seyed Mohammad Bolourchian Tabrizi
- **Scientific Affiliation:** The Academy of Sciences, Islamic Republic of Iran, Tabriz University



### Abstract:

Born in 1933 in Tabriz, Iran, Prof. Seyed Mohammad Bolourchian holds a degree in Pharmacy from the University of Tabriz. He obtained the Doct. D'Etat es Sciences, Chemistry in France. He continued his research activities and succeeded in discovering new methodologies in Organosilicon chemistry. He published numerous scientific and research articles in prestigious international journals and brought about changes in the advancement of silicon chemistry. His research findings have been registered at the Academy of Science and reference books. He has played an important role in the compilation of chemistry reference books at the international level.

Prof. Bolourchian returned to Iran in 1972 and was promoted to associate professorship. In 1981, he became a full professor. Prof. Bolourchian is a fellow of the Academy of Sciences of IR Iran. In addition to academic research and executive services, one of the major activities of Prof. Bolourchian was the foundation of the Research Institute of Chemistry Tabriz University and the Research Institute of Chemistry and Chemical Engineering in Iran. The establishment of this institute was realized after 18 years of continuous efforts and research.

This national institute has four branches, forty research laboratories, a semi-industrial pilot and a number of specialized departments whose aims are to provide facilities for fundamental and applied research as well as education in different areas of chemistry, Chemical Engineering, training of talented and creative individuals in the country and also to benefit from the immense oil resources at the pilot and semi-industrial level. In other words, the Research Institute of Chemistry and Chemical Engineering in Iran symbolizes persistence, enthusiasm and is the result of Prof. Bolourchian's prolific career. He has been a tireless and energetic scientist who has devoted his life to science and technology of his homeland.

Prof. Bolourchian has published over 150 scientific articles at international journals. The finding of his researches has been registered in twenty series of advanced reference hand books. He has synthesized over 150 new Organosilicon compounds and is the owner of ten patents of new methodologies. He has also translated a series of Organic Chemistry books.

Founder of Faculty of Chemistry in Tabriz University, Founder of the Organosilicon Chemistry in Iran, Award of the First Category Scientific Medal, Selected scientist in basic sciences by Khwarizmi International Award, Recipient of the First Governmental Medal of the President of Iran, Exemplary professor of the Ministry of Science, Research and Technology, Awardee of the Plaque of Appreciation and Medal from the Ministry of Sciences and University of Tabriz, Responsible for the formation of National Research Teams for the Implementation of the Country's Research Project.