

ANNIVERSARY OF PROFESSOR JAROSLAW GUMNITSKY

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Prof. Jaroslaw Gumnitsky, D.Sc (technical sciences), professor of the Department of Ecology and Sustainable Environmental Management, Academician of the Ukrainian Ecological Academy of Sciences celebrates his 80th anniversary. For 58 years he has been working on scientific and pedagogical work at Lviv Polytechnic National University.

J. Gumnitsky was born on September 10, 1941 in the village of Ostrivets, Terebovlya district, Ternopil region. In 1963 he graduated with honors from the Faculty of Chemical Technology of Lviv Polytechnic Institute and this year he was enrolled to teach at Lviv Polytechnic. He studied in blinded postgraduate school and in 1971 he defended his dissertation “Kinetics of ion exchange during the pulsation of fluid” by the specialty 05.17.08 – processes and apparatus of chemical technology. In 1972 he was approved as an Associated Professor of the Department of Processes and Apparatus of Chemical Production. In 1972–1976 he worked as the

Deputy Dean of the Faculty of Chemical Technology. In 1986 he defended his doctoral dissertation “Mass transfer in the system solid - liquid in terms of gas supply and gas evolution” at the Moscow Institute of Fine Chemical Technology named after Lomonosov, and in 1989 he was awarded the title of professor.

In 1987 he was elected as a Head of the Department of Processes and Apparatus of Chemical Production. He was the organizer of the opening at Lviv Polytechnic in 1991 environmental specialty and recruitment of students to this specialty. He was the Head of the Department of Chemical Engineering and Industrial Ecology from 1991 till 2002, when a separate ecological department was established, which became the basis for the creation of a separate Institute of Ecology, Environmental Protection and Tourism named after V. Chornovil. Since 2002 he is the Professor of the Department of Ecology and Sustainable Environmental Management.

About 800 scientific works of Prof. Gumnitsky are united by one global theme “Heat and mass transfer in solid phase systems”. These are external and internal diffusion processes and methods of their intensification, especially with the help of the gas phase, which intensifies mass transfer. The mechanism of intensification was revealed and mathematical models of these processes were created. Recent years have been devoted to the study of sorption processes using natural sorbents to clean liquid medium from contamination, which is of great importance in environmental technologies. He supervised a large research laboratory NDL-24, in which scientific developments were completed by stages of design and implementation of works in industrial production.

Prof. Jaroslaw Gumnitsky is a supervisor of many doctoral and postgraduate studies. Under his guidance and consultations, 6 doctoral and 26 candidate dissertations were defended. He was the organizer of the specialty “Processes and equipment of chemical technology” in the specialized scientific council for the defense of dissertations for Doctor’s and Master’s degree (since 1987). During 1991–1997 he was a member of the

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expert council of the High Attestation Commission, from 2002 till 2011 – a chairman of the specialized scientific council. Currently he is the scientific secretary of this council, and a member of the specialized scientific council for the defense of PhD dissertations in the specialty “Environmental Safety”. For 10 years he has been a member of the commission of the Ministry of Education and Science of Ukraine in the field of “Environmental Protection”.

He was awarded Diplomas of the Ministry of Education and Science of Ukraine, Rector of the Lviv Polytechnic National University for success in scientific and pedagogical work. He has the title of “Excellence in Education” (2014). In addition, he was awarded the Diploma of the Minister of Education of Poland and the Diploma and Medal of Czestochowa University of Technology (Poland).

Best wishes for the Jubilee and many years to come!