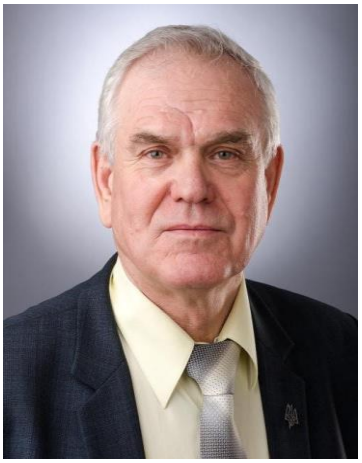
Curriculum Vitae



Name	***Viktor RUD***
Family status	*married*
Date of Birth	*29.05.1946*
Position	*Professor Department Materials Science,*
	v.rud@lntu.edu.ua

DEGREES RECEIVED:

Degree	***Institution***	***Department***	***Year***
MSc	*Institute Problem Materials NAU (Ukraine)*	Materials Science	2005
Doctor of Technical Sciences, Honored worker of science and technology of Ukraine, Honored worker of Lutsk National Technical			

WORK EXPERIENCE:

He has worked at Lutsk National Technical University since 1985.

In 1991, he was awarded the title of associate professor by the Lutsk branch of the Lviv Polytechnic Institute, and in 1997, the title of professor by the Lutsk Industrial Institute. He has served as an associate professor and professor in various departments, and led the Department of Automated Production Technology. He also held roles such as dean of the Engineering Design and Technological Faculties, and director of the Educational Scientific and Production Institute of Engineering and Information Technologies.

He contributed to establishing new specialties: metal stamping, automation of production processes, and packaging machines and technologies.

He member of the Special Council for the Defense of Dissertations for the Degree of Doctor and Candidate of Sciences in the specialty 05.02.01 - "Materials Science" at the Institute for Problems of Materials Science named after I.M. Frantsevich of the NAS of Ukraine.

Under the leadership of V.D. Rudy, 16 dissertations for the degree of Candidate of Sciences were completed and defended, he is the head of postgraduate and doctoral training of specialists. He was a co-organizer of the Interdepartmental Laboratory "Mechanics of Deformation of Structurally Inhomogeneous Materials", which was created by the efforts of employees of Lutsk NTU and the Institute for Problems of Materials Science named after I.M. Frantsevich of the NAS of Ukraine.

Rud V.D. combines scientific and pedagogical work with scientific and organizational work. He is the editor-in-chief of the Interuniversity Collection of Scientific Papers "Scientific Notes".

Rud V.D. has published more than 250 scientific and educational and methodological works, including three monographs (individual and co-authored), three textbooks (individual and co-authored). Co-author of more than 35 certificates for inventions and utility models.

INTERNSHIPS:

2024	participated in international webinar "International Experience of Using Artificial Intelligence in the Educational Process" in Lublin university of technology (Poland);
2022	participated in international webinar «Science, Innovations and Education Problems and Prospects» (Tokyo).

Scientific interests:

Mechanics of deformation of structurally heterogeneous materials, utilization of industrial waste and resource conservation, new materials for structural and tribotechnical purposes, porous permeable materials based on titanium, titanium alloys with impurities of natural minerals. The latest technologies for the purification of drinking and process water, as well as wastewater from large industrial

NUMBER OF WORKS PUBLISHED IN SCIENTIFIC JOURNALS AND CONFERENCE PROCEEDINGS:

https://orcid.org/0000-0001-5025-9510
Scopus Author ID: 55963472900
Web of Science Researcher ID F-1754-2019
https://scholar.google.com.ua/citations?hl=uk&user=lS7BXMwAAAAJ

PUBLICATIONS

1. Zhiguts Y.Y. Features of Properties of Thermite Chromium-silicon Steels Zhiguts, **V.D. Rud,** Y.P. Legeta Scientific Notes: Interuniversity Collection – 2022. – Issue 73– P. 270-274.
DOI: https://doi.org/10.36910/775.24153966.2022.73
DOI: https://doi.org/10.36910/775.24153966.2022.73.39;
2. Zaika O.M. Justification of the feasibility of using 3D printing when replacing parts made of metal materials with polymer ones/ Zaika O.M., **Rud V.D.,** Samchuk L.M. // The 6th International scientific and practical conference "Science, innovations and education: problems and prospects" (January 13-15, 2022) CPN Publishing Group, Tokyo, Japan. 2022. P.207-212. https://sci-conf.com.ua/wp-content/uploads/2022/01/SCIENCE-INNOVATIONS-AND-EDUCATION-PROBLEMS-AND-PROSPECTS-13-15.01.22.pdf.
3. Zaika, O.M., Rud, V.D., Samchuk, L.M., Povstiana, Y.S., **Rud, N.T.** Implementation of 3D printing technology in the conditions of series production. (Introduction of 3D printing technology in mass production). Procedia Structural Integrity This link is disabled., 2024, 59, pp. 786–792 (Scopus)/
4. Rud V., Samchuk L., Rechun O., Rud N., Tolstushko N. Influence of machining waste utilisation technology on properties of powders obtained. Proceedings of 24th International Scientific Conference "Engineering for Rural Development", Vol. 24, May 21-23, 2025, Jelgava, Latvia, pp. 890 – 895. DOI:10.22616/ERDev.2025.24.TF185.
https://www.iitf.lbtu.lv/conference/proceedings2025/Papers/TF185.pdf. (Scopus)
5. Volodymyr Serhieiev(B) and Viktor Rud Architecture of Online Laboratory for Modeling and Studying the Properties of Structurally Heterogeneous Materials / Selected Papers from the 6th Grabchenko's International Conference on Advanced Manufacturing Processes (InterPartner-2024), September 10–13, 2024, Odesa, Ukraine pp. 472-482. (Scopus)
https://doi.org/10.1007/978-3-031-82746-4_40

TOPIC OF NEW RESEARCH PROJECTS:

Recycling of mechanical engineering waste; Use of mechanical processing waste and natural minerals for the production of materials for structural and tribomechanical purposes; SVS synthesis and metallothermic in technologies for obtaining new materials.

PERSONAL SKILLS AND COMPETENCES:

Languages:

Ukrainian Mother tongue