

Formation of Future Engineers Social Responsibility

D.A. Troeshestova¹, FSBEI HE Ulyanov Chuvash State University (FSBEI HE Ulyanov ChuvSU), Assoc. Prof. PhD (Phys.-Math.), sda-chuvsu@yandex.ru

M.M. Mityugina², FSBEI HE Ulyanov ChuvSU, Assoc. Prof. PhD (Ec.), mityuginamm@gmail.com

¹ Director of Higher Engineering School, Head of Department, Cheboksary, Russia

² Associate Professor of Department, Cheboksary, Russia

Citation: Troeshestova D.A., Mityugina M.M. Formation of Future Engineers Social Responsibility, *Kompetentnost' / Competency (Russia)*, 2025, no. 10, pp. 4–10.
DOI: 10.24412/1993-8780-2025-10-04-10

key words

competencies, systemic thinking, sustainable development, socially oriented projects, urban environment

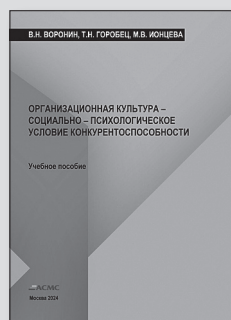
In the article we have discussed the issues of forming future engineers social responsibility for their decisions and understanding the level of impact of engineering activities on society and the environment. The paper defines the essence of the concept of social responsibility, analyzes the competencies of the federal state educational standards of higher education, which form students social responsibility and their substantive implementation in the educational process. An approach to the development of social responsibility of future engineers is proposed through the prism of a project approach to the development of socially oriented projects aimed at ensuring the sustainable development of the city, taking into account the economic, legal and environmental agenda.

References

1. Garanina O.D., *The Scientific Heritage*, 2022, no. 83-4(83), pp. 60–62. DOI: 10.24412/9215-0365-2022-83-4-60-62. EDN LIGNCR.
2. Danilaev D.P., Malivanov N.N., *Vysshee obrazovanie v Rossii*, 2024, vol. 33, no. 1, pp. 87–105. DOI: 10.31992/0869-3617-2024-33-1-87-105. EDN BGMXVK.
3. Mityugina M.M., Kravchenko T.V., *Kompetentnost'*, 2025, no. 1, pp. 28–33. DOI: 10.24412/1993-8780-2025-1-28-33. EDN OUXZFJ.
4. RF President Decree of 9.11.2022 N 809 On approval of the Fundamentals of state policy on the preservation and strengthening of traditional Russian spiritual and moral values; https://www.consultant.ru/document/cons_doc_LAW_430906/ (acc.: 24.07.2025).
5. Rozhkova K.V., Roshchin S.Yu., Smolyarchuk E.D., Travkin P.V. Graduates of engineering specialties. Resistance of materials in the Russian labor market: analytical report of labor market research laboratories of RU HSE, sc. ed. by S.Yu. Roshchin, Moscow, *VShE*, 2025, 148 P. ISBN 978-5-7598-4306-1. ISBN 978-5-7598-4286-6 (e-book).
6. Opletina N.V., Tripol'skiy V.B., *Gumanitarnyy vestnik*, 2024, no. 3(107). DOI: 10.18698/2306-8477-2024-3-915. EDN WQGSKT.
7. Philosophical dictionary, ed. by I.T. Frolov, 5th ed., Moscow, *Politizdat*, 1987, 590 P.
8. Ozhegov S.I., Shvedova N.Yu. Explanatory dictionary of the Russian language: 80 000 words and phraseological expressions, RAS, Russian cultural foundation, 2nd ed., rev. and exp., Moscow, *AZ*, 1995, 928 P.
9. Troeshestova D.A., Mityugina M.M., *Vestnik proektnogo upravleniya*, 2025, vol. 1, no. 2.
10. Troeshestova D.A. Higher engineering school: a strategic project for the development of the university, VII Int. sc. and pract. conf.: Relay protection and automation of electric power systems of Russia, Cheboksary, *ChuvGU*, 2023, pp. 3–7.

НОВАЯ КНИГА

Воронин В.Н., Горобец Т.Н., Ионцева М.В.



Организационная культура — социально-психологическое условие конкурентоспособности

Учебное пособие. — М.: АСМС, 2024

Построение эффективной организационной культуры возможно только при высокой включенности в этот процесс руководителя. Поэтому так важны представления руководителя о ключевых элементах организационной культуры. Как правило, этот аспект в понимании природы организационной культуры остается вне зоны внимания исследователей и именно поэтому так важно рассмотреть понятие «организационная культура руководителя».

По вопросам приобретения обращайтесь по адресу: Академия стандартизации, метрологии и сертификации (АСМС), 109443, Москва, Волгоградский пр-т, 90, корп. 1. Тел. / факс: 8 (499) 742 4643. Факс: 8 (499) 742 5241. E-mail: info@asms.ru