

**“GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IASI**  
**Faculty of Industrial Design and Business Management**  
**Department of Engineering and Management**

Competition for the position of **Professor, position no. 4** from the List of Positions for Academic Staff

Position disciplines:           Environmental management  
  Management and production systems engineering

**TOPICS OF COMPETITION**  
for the position of **Professor, no.4**

1. Environmental management system design and development for production companies.
2. Environmental management system implementation within industrial organisations.
3. Integrated management system.
4. Environmental management and sustainable development.
5. Environmental management systems and corporate social responsibility in industrial organisations.
6. Production systems management : functions, roles, activities, processes.
7. Production processes in industrial companies. Organisation systems.
8. Management of auxiliary and service activities in industrial companies.

**References:**

- [1] Romania Standardization Association – ASRO, (2015), *Environmental management systems – Requirements with guidance for use*, SR EN ISO 14001: 2015.
- [2] Romania Standardization Association – ASRO, (2016), *Environmental management systems – General guidelines on implementation*, SR EN ISO 14004: 2016.
- [3] International Organization for Standardization – ISO, (2021), *Environmental management – Environmental performance evaluation – Guidelines*, ISO 14031:2021.
- [4] Romania Standardization Association – ASRO, (2021), *Social responsibility*, SR EN ISO 26000: 2021.
- [5] Dentch M.P., (2016), *The ISO 14001:2015 Implementation Handbook: Using the Process Approach to Build an Environmental Management System*, ASQ Quality Press, USA.
- [6] Ionescu, C., (2000), *Cum să contruim și să implementăm un sistem de management de mediu în conformitate cu ISO 14001*, Publishing house: Economică, Bucharest, Romania.
- [7] Teodosiu, C., (2005), *Management integrat al mediului*, Second edition, Publishing house: Ecozone, Iasi, Romania.
- [8] Tinsley, S., (2001), *Environmental Management Plans Demystified: A Guide to ISO 14001*, Taylor & Francis, UK.
- [9] Tinsley, S., Pillai I., (2006), *Environmental Management Systems. Understanding Organizational Drivers and Barriers*, Editura Earthscan, U.K..
- [10] Nicolescu O., Verboncu I., (1995), *Management*, Publishing house: Economică, Bucharest, Romania.
- [11] Nica P., Neșțian A.S., Prodan A., Iftimescu A., Tiță S., Manolescu I., Corodeanu Agheorghiesei D., Bedrule-Grigoruță V., (2019), *Managementul organizației. Concepte și practici*, Publishing house: Editura Universitatii „Alexandru Ioan Cuza”, Iasi, Romania.
- [12] Wilkinson A., Armstrong S., Lounsbury M., (2017), *The Oxford Handbook of Management*, Oxford University Press, UK.
- [13] Daft R.L., (2021), *Management*, Cengage Learning, USA.
- [14] Simionescu A. (coordonator), (2002), *Management general*, Publishing house: Dacia, Cluj Napoca, Romania.
- [15] Voicu M., Lupu M.L., (1992), *Management și ingineria sistemelor de producție*, Publishing house: Institutul Politehnic Iași, Iasi, Romania.
- [16] Malakooti, B., (2013). *Operations and Production Systems with Multiple Objectives*, John Wiley & Sons, USA.
- [17] Chase, R.B., Jacobs, F.R., Aquilano, N.J., (2007), *Operations Management for Competitive Advantage*, McGraw-Hill, USA.

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