Name	Maksym Nakaznenko
Position, Department/Faculty	Senior Lecturer, Department of Space Technology and Non-Conventional Energy Source/Faculty of Rocket and Space Engineering
Academic Degree, Academic Title	-
Email:	m.nakaznenko@khai.edu
Scopus Author ID:	-
Web of Science ResearcherID:	NZO-5343-2025
ORCID iD:	0000-0001-5696-099X
Google Scholar:	02QxeD0AAAAJ&hl=uk
ResearchGate:	-

EDUCATION:

Basic education (university, major, year of graduation):
National Aerospace University "Kharkiv Aviation Institute" ,Master's degree in Alternative and Renewable Energy Sources. , 2002-2009

Postgraduate/Doctoral studies:
National Aerospace University "Kharkiv Aviation Institut", Postgraduate, 2009-2012

Additional training, certification programs:

Tempus-CRIST-KRU Autumn School, Training - TU Berlin (Deutschland), 27.September - 15. Oktober 2010

Professional development courses, National Aerospace University "Kharkiv Aviation Institut"

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):
National Aerospace University "Kharkiv Aviation Institut", 2011 to today, **Senior Lecturer**
Teaching Experience:
Lecturer in the following subjects (2011 to today):
- Blade assemblies of power plants
- Energy safety
- Automated design systems for aircraft engines and power plants
- Design of wind turbines
- Operation of non-traditional power plants
- Computer methods for calculating rocket and space technology structures
- Integrated Power Plants with Nonconventional Energy Sources

Experience in International or National Projects:

RESEARCH ACTIVITIES:

Main Research Areas:
energy, renewable energy sources, unconventional energy sources
Number of Publications (Scopus, WoS, others):
8

Monographs, Textbooks:
-
Participation in Scientific Conferences :

TEACHING ACTIVITIES:

Courses Taught:
- Automated design systems for aircraft engines and power plants
- Design of wind turbines
- Operation of non-traditional power plants
- Computer methods for calculating rocket and space technology structures
-Integrated Power Plants with Nonconventional Energy Sources

Author Courses, Academic Programs:
- Automated design systems for aircraft engines and power plants
-Integrated Power Plants with Nonconventional Energy Sources
- Computer methods for calculating rocket and space technology structures
Methodological Materials, Textbooks:
1.Regulatory framework for energy. Module 1 Regulatory framework for energy production. [Text] / S. V. Gubin, Yu. A. Shepetov, A. I. Yakovlev, D. V. Legoshin, T. Yu. Ivanova, M. N. Nakaznenko, A. V. Boyarchuk // Lecture course for energy engineers. – Kharkiv: Pravo, 2015. – 248 p.
2. Regulatory and legal framework for energy. Module 2. Regulatory and legal framework for energy use. [Text] / S. V. Gubin, Yu. A. Shepetov, A. I. Yakovlev, D. V. Legosh, T. Yu. Ivanova, M. N. Nakaznenko, A. V. Boyarchuk // Lecture course for power engineers. – Kharkiv: Pravo, 2015. – 244 p.
3. Regulatory and legal framework for energy. Module 3. Regulatory and legal framework for energy management and resource and energy conservation. [Text] / S. V. Gubin, Yu. A. Shepetov, A. I. Yakovlev, D. V. Legoshin, T. Yu. Ivanova, M. N. Nakaznenko, A. V. Boyarchuk // Lecture course for power engineers. – Kharkiv: Pravo, 2015. – 148 p.
4. Calculation of parameters for the thermodynamic cycle of a steam compression pump or refrigeration machine. / Kovalevsky V. V., Nakaznenko M. N. // Textbook on course and diploma design. Kharkiv, National Aerospace University named after N. E. Zhukovsky “HAI”, 2014.-17 p.

GRANTS AND PROJECTS:

Participation in International and National Projects:

Grants, Scholarships, Academic Mobility Programs:

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Honorary Titles:

Distinctions, Awards, Prizes:

Membership in Professional Associations:
Member of the NGO IESF

INTERNATIONAL ACTIVITIES:

Internships:

Tempus-CRIST-KRU AutumnSchool, Training - TU Berlin (Deutschland), 27.September - 15. Oktober 2010

Cooperation with Foreign Universities:

Teaching/Lecturing Abroad:

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

Mathematical modelling of electrochemical storage devices in uninterruptible power supply systems /M.N. Nakaznenko //Aviation and Space Technology, 2009 - No. 9. - Pp. 182–186

Modification of a neural network model of an electrochemical storage device in a power plant /S.V. Gubin, M.N. Nakaznenko // Aviation and Space Technology- 2010. - No.8 - Pp.73–75

Neural network system for monitoring and diagnosing electrochemical storage devices in uninterruptible power supply systems / M. N. Nakaznenko // Aviation and Space Technology. - 2011. - No. 8. - Pp. 215–217.

Modelling of an electrochemical battery in a complex autonomous power plant. Bulletin of the National Technical University ‘KhPI’. Series: New solutions in modern technologies, 2011,Pp. 151–156.

Books, Chapters in Collective Monographs:

Links to Citation Database Profiles:

ADDITIONAL INFORMATION:

Language Proficiency:
Ukrainian
English
IT Skills:
Social and Community Activities: