



MOLDOVA STATE UNIVERSITY Faculty of Physics and Engineering

Approved
Rector, Gheorghe CIOCANU
Dr. hab., Professor

Operational Regulation of the Drone Education Office

*Recommended by the Faculty of Physics and Engineering
for approval in the MSU Senate Meeting
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I. Preliminaries

- 1.1. The Drone Education Office is designed in the framework of the Erasmus+ Project "Education for Drones – eDrone" 574090-EPP-1-2016-1-IT-EPPKA2-CBHE-JP, implemented by a consortium of 17 institutions in eight countries.
- 1.2. The aim of the eDrone Project is to define a learning environment to provide more opportunities in accessing new skills concerning to the use of drone-related technologies in professional activities. These new competences regard, in particular, to the application of advanced solutions in the field of information and communication technologies for the use of drones and data collected by them. The use of drones by professionals will open up new scenarios that require practical and theoretical knowledge, which go beyond the simple management and maintenance of drones: (i) the mechanical characteristics of drones, (ii) detection equipment, (iii) processing and use of acquired information, and (iv) national and international policies governing their use.
- 1.3. The project aims to create an innovative infrastructure based on information and communication technologies that employs improved techniques and methodologies which would enable all partner countries to create a network for the exchange of educational content and databases for professionals in the field of drones. This infrastructure will be used to support the Drone Education Office (DEO) in the transfer of knowledge and technologies to professionals. The European partners involved in the project will transfer their know-how and expertise to achieve the objectives of the eDrone project by training future teachers from the Drone Education Office (DEO) and by offering them theoretical and practical support in the first edition of continuing education courses for drone education.

II. General provisions

- 2.1. The Drone Education Office, hereinafter referred to as the *Office*, is founded by the decision of the MSU Senate.
- 2.2. The *Office* is an entity for teaching and scientific activities within the Faculty of Physics and Engineering of the MSU.
- 2.3. The *Office* shall operate in accordance with the Education Code of the Republic of Moldova no. 152 of 17 July 2014, Code on Science and Innovation of the Republic of Moldova No. 259 of 15 July 2004, Carta MSU (Articles 11, 23, 27, 36 and 68).

III. Mission of the Laboratory and primary activity directions

- 3.1. The *Office* is primarily aimed at carrying out teaching and scientific activities in the field of drones and their applications.





- 3.2. The *Office* is accessible to the trainees of the Continuing Vocational Training Programme "Education for Drones", teachers, researchers, PhD students, master students, and bachelor students of the Faculty of Physics and Engineering for the implementation of the continuous vocational training program, for advanced training studies, and in order to solve theoretical-applicative problems.
- 3.3. The *Office's* activity is oriented towards establishing cooperation relations with didactic and scientific centres in the Republic of Moldova and abroad, in order to promote and implement the Continuing Vocational Training Program "Education for Drones", as well as conduct joint scientific research.
- 3.4. Activities of the *Office*:
 - a) implementation of the Continuing Vocational Training Programme "Education for Drones";
 - b) providing consulting services in the field of drones and their applications;
 - c) organising seminars in the field of drones and their applications;
 - d) participation in events for the dissemination of activities of the *Office* and the Continuing Vocational Training Programme "Education for Drones";
 - e) publication of advertisement and scientific materials in the field of drones and their applications.

IV. Objectives of the Office

- 4.1. Objectives of the *Office*:
 - a) implementation of the Continuing Vocational Training Programme "Education for Drones";
 - b) promoting the *Office* within MSU and beyond, contributing to the development of the capacity for interdisciplinary training and research;
 - c) ensuring a modern conceptual-methodical and logistical framework in the field of drones and their application and in solving theoretical-applicative problems;
 - d) providing methodical-practical assistance and transfer of knowledge and technologies to economic operators, on the basis of service contracts.
- 4.2. The results of the activity shall be materialised in:
 - a) Continuing Vocational Training programmes;
 - b) Continuing Vocational Training curricula in the field of drones and their applications;
 - c) scientific articles published in specialized journals;





- d) books, treaties, monographs, course handbooks, methodological guides with scientific content published and submitted to the MSU Library, the National Library of the Republic of Moldova, as well as other libraries abroad;
- e) articles published in volumes of conference proceedings or in specialized journals from the Republic of Moldova and from abroad;
- f) scientific communications at international and national conferences;
- g) research reports;
- h) articles popularizing scientific achievements, TV and Radio broadcasts.

V. Logistic potential. Human and financial resources

Logistics:

- 5.1. The activities of the *Office* are carried out within MSU and are intended for research activity and teaching of bachelor students, master students, PhD students, and scientific collaborators.
- 5.2. The technical-material basis (installations, machinery, etc.) necessary for conducting the research activity within the *Office* consists of:
 - a) equipment purchased with the support of the Erasmus+ project "Education for Drones – eDrone" 574090-EPP-1-2016-1-IT-EPPKA2-CBHE-JP;
 - b) material means intended for didactic-scientific activity.

Human resources:

- 5.3. Staff trained under the Erasmus+ Project "Education for Drones – eDrone" 574090-EPP-1-2016-1-IT-EPPKA2-CBHE-JP, both employees of MSU, as well as those of other institutions in the Moldavian partnership within the afore-mentioned project.

Financial resources:

- 5.4. The financial resources of the *Office* consist of the tuition fees of trainees of the Continuing Training Programme "Education for Drones", funds from national and international projects in the field of research and innovation, contracts with economic agents and institutions, as well as other sources.

VI. Rights and responsibilities of the Staff of the Office

Rights:

- 6.1. The rights of the staff of the *Office* shall be those arising from the legislation in force and shall be established by the MSU-wide Employment contract.
- 6.2. The staff of the *Office* shall have the right of professional initiative. The freedom of professional initiative relates mainly to:
 - a) how to design professional activity and achieve scientific and educational objectives;





- b) identification of scientific problems, forming scientific hypotheses, defining the objectives and methods of their scientific activity;
 - c) launching new directions of scientific research;
 - d) participation in various contests, as well as didactic and scientific projects;
 - e) implementation of innovative ideas for modernizing research and didactic potential;
 - f) organization of science clubs, summer schools, seminars, meetings with the trainees of the Continuing Vocational Training Program/bachelor students/master students/doctoral students.
- 6.3. The *Office* staff shall be provided with:
- a) protection of their intellectual property;
 - b) remuneration in accordance with the legislation in force;
 - c) the right to participate in competitions, including those that require co-financing from MSU, if the expenses are well-motivated;
 - d) the right to various forms of reward and mentions.

Responsibilities:

- 6.4. The staff of the *Office* shall be responsible for:
- a) the efficient work of the *Office*;
 - b) timely preparation of the self-assessment procedure and preparation of the dossier for the accreditation of the *Office* and the Continuing Vocational Training Programme;
 - c) the use of the *Office's* assets exclusively for professional activities in its interest.

VII. Cessation of laboratory activity

7.1. The cessation of the *Office's* activity may take place by liquidation or reorganization (merging, division, transformation into another legal-organisational form) by decision of the MSU Senate, in accordance with the legislation in force.

VIII. Final remarks

- 8.1. The *Office's* rules are approved by the MSU Senate.
- 8.2. The *Office's* activity shall be carried out in accordance with the primary scientific directions, programmes and activity plans of MSU.

Dean

Valentina NICORICI, PhD., Assoc. Prof.

OED Head

Veaceslav SPRINCEAN



Associate Partners



Belarusian Federation of Unmanned Aviation

