The Romanian Agency for Quality Assurance in Higher Education

External Evaluation Report (REE) for the procedure for obtaining a maintaining accreditation (MAC) of Doctoral Study Domain

Higher Education Institution/Education Provider Organization:	Universitatea Dunărea de Jos din Galați / „Dunărea de Jos“ University of Galați
Doctoral School:	Ştiinţe Fundamentale şi Inginereşti/ Fundamental and Engineering Sciences
Doctoral Domain:	Ingineria Sistemelor / Control Engineering
The objective of the external evaluation:	menținerea acreditării domeniului de doctorat Ingineria Sistemelor / maintenance of accreditation of the doctoral study domain Control Engineering

Members of the ARACIS Evaluation Panel

No.	Last Name and First Name	Team role	Signature
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I. Introduction

"Dunarea de Jos" University of Galati (DJUG) is a state higher education institution that has been operating since 1948. In December 2024, "Dunarea de Jos" University of Galati obtained the recertification according to the SR EN ISO 9001:2015 standard for the field of certification Research, Development, and Innovation Management, Research, Development, and Innovation in the fields of the Strategy of the National Plan for Research, Development, and Innovation IV (PNCDI IV). Research – DJUG research portal. The institution is the centre of technical, scientific, cultural, and social progress with immediate or medium to long-term applicability, intended to primarily contribute to the progress of Galati municipality. In this regard, "Dunarea de Jos" University of Galati closely works with the socio-economic environment, providing it with the specialists it needs, consulting, and technical solution to current problems.
In formulating its mission and objectives, "Dunarea de Jos" University of Galati adheres to a set of reference values that distinguish it within the higher education system and enables to assert itself as an autonomous institution. "Dunarea de Jos" University of Galati produces and transmits knowledge in accordance with this mission and these objectives and with the values of academic freedom and ethical integrity. The institution supports its activities to achieve the objectives set through its own institutional, administrative, and managerial structures, in accordance with the legislation in force.

The Doctoral School of Fundamental and Engineering Sciences within DJUG has a tradition spanning more than 35 years, being among the first doctoral schools in the field of engineering at DJUG. Over time, the school has been reorganized to adapt to the development of the doctoral study curriculum. In its current form, the school was established by Decision no. 1178 of 21/06/2017, by separating the doctoral fields of study existing at that time. The school runs programmes at the third cycle of university studies, namely doctoral studies. The school's mission is to carry out and develop doctoral education activities based on in-depth scientific research internship in scientific fields accredited by DJUG, in order to develop the human resources necessary for the progress of society.

The doctoral study field Control Systems is part of the doctoral school of fundamental and engineering sciences. According to the Order of the Ministry of National Education no. 6129/2016 on the minimum necessary and mandatory standards, the doctoral university study field Control Systems falls under Annex 15 – Computers, information technology and Control Systems (National Council for Attestation of University Titles, Diplomas and Certificates).
The mission of the doctoral study field Control Systems is the achievement and development of the doctoral education activity with the aim of training highly qualified human resources in a leading field of engineering sciences. This mission is achieved through: Expertise in the field – Acquiring specific knowledge in the field through intensive study of specific subjects in the training programme and valuable scientific articles in the field; Original research – Developing new, innovative, and original ideas and solutions, computer modelling of the phenomena and processes studied, validating theoretical ideas through experimental research; Presentation of research results – Developing the ability to clearly and convincingly present new ideas and concepts and the results of research carried out, and subsequently by developing valuable scientific articles published in journals with international visibility or in international conferences included in the calendar of recognized bodies in the IFAC/IEEE field and, finally, by developing the doctoral thesis.

The objectives of the Control Systems domain aim to: The valorisation of human resources and existing research infrastructure in the field for the training of new highly qualified human resources; The continuous increase of the scientific, economic, and social impact of studies and results of doctoral internships; The increase of internal and international visibility by publishing the results obtained and developing new partnerships.
Within the domain of doctoral studies in Control Systems starting with October 2025, 4 doctoral supervisors carry out their activities.

II. Methods used

- Analysis of the Internal Evaluation Report for the Doctoral School: Ştiinţe Fundamentale şi Inginereşti /Fundamental and Engineering Sciences, Doctoral Domain: Ingineria Sistemelor / Control Engineering and its associated appendices;
- Analysis of documents, data, and information available on the websites of the university, PhD school, faculty, and department, as well as on other the specific page
- Analysis of the response provided by the contact person following the requests made by the evaluation committee;
- Meeting of the committee members via the Google Meet platform, presentation of individual analysis results, establishment of a common standpoint prior to the site visit, and drafting the initial version of the External Evaluation Report.
- On-Site visit including:
  - Project rooms
  - Research laboratories in the field of Control Engineering;
  - Administrative office (secretariat);
- Analysis of the documents provided by the contact person during the evaluation visit;
- Meetings/discussions with:
  - Management representatives;
  - The team responsible for preparing the internal evaluation report;
  - Faculty staff involved in the activities of the Control Engineering Doctoral program
  - Employers of graduates from the Control Engineering Doctoral program
  - Graduates of the Control Engineering Doctoral program
  - Students currently enrolled in the Control Engineering Doctoral program
  - Heads of the research laboratories and staff specific to the Control Engineering Doctoral program
  - Members of the Faculty Quality Assurance and Evaluation Commission and representatives of the University Quality Assurance and Evaluation Commission;
  - Representatives of the organizational structures for quality assurance;
  - Members of the University Ethics Committee;
- Drafting the minutes of the meetings;
- Analysis of the visits and meetings conducted;
- Receiving feedback from the institution regarding the findings;
- Updating the External Evaluation Report in accordance with the analysis of these meetings.

III. Judgement on the extent to which the standards and performance indicators are fulfilled

DOMAIN A. Institutional capacity

Criterion A.1. Managerial and administrative structures and processes involving students and other stakeholders

Standard S.A.1.1. Organisational components and institutional processes The HEI has organisational components in its structure, which function based on adequate competences, responsibilities, processes, and implementation procedures, and ensure an effective management system.	
Indicator I.P.A.1.1.1	For delivering the study programme/domain, the HEI has adequate organisational components and an adequate management system, which operate based on methodologies, regulations and procedures that are periodically reviewed as required by law.

Presentation of the state of facts: "Dunarea de Jos" University of Galati (DJUG) has a well-defined organizational structure, an executive management, an Executive Board that operates in accordance with the Law on Higher Education 199/2023 and the University Charter, and a Senate, which is the highest decision-making and deliberative body at DJUG and operates on the basis of the Senate Regulations. The Senate committees have been set up each with its own rules of organization and operation. The university has a University Ethics Committee set up in accordance with the law, which operates based on Rules of organization and operation. PhD Students are represented in management structures, in accordance with the legal provisions and the University Charter.
Analysis of the state of facts: DJUG operates under a well-defined management system and institutional framework. Its internal methodologies and regulations are subject to regular review cycles, as mandated by law, ensuring that the administrative and academic components remain responsive and fully compliant with current legislation.

The indicator is: fulfilled.

Standard S.A.1.2. Stakeholder engagement The HEI proves that it engages the relevant stakeholders in developing methodologies and regulations, as well as implementation procedures.	
Indicator I.P.A.1.2.1	The opinions of the faculty and department members, of the subsidiary or extension[1] and of other stakeholders are considered in the process of adopting and revising methodologies, regulations and implementation procedures.

Presentation of the state of facts: The Control Engineering doctoral domain maintains a systematic process for adopting and revising methodologies, regulations, and procedures by engaging stakeholders, including supervisors, doctoral students, graduates, and socio-economic partners. This consultation is facilitated through several institutionalized mechanisms: periodic meetings of the Doctoral School Council and the Council for Doctoral Studies (CDS) to debate regulatory updates, thematic workshops and roundtables with research teams; feedback questionnaires for students regarding academic and administrative quality; and institutional dialogues with industrial partners concerning research collaborations and joint supervision.
Analysis of the state of facts: The university uses a consultative approach to the adoption and revision of methodologies, regulations, and implementation procedures. By integrating the perspectives of key stakeholders, the university ensures that its regulatory framework remains correlated to the needs of the academic community.

The indicator is: fulfilled.

[1] The faculty, department, subsidiary, extension - hereinafter "organisational components"

Criterion A.2. The material resources and optimisation of the use of the material resources

Standard S.A.2.1. Material resources The HEI owns adequate movable and immovable assets to enable it to carry out the study programme/domain.	
Indicator I.P.A.2.1.1	The HEI legally owns venues for the related education, research and administrative processes, as well as for services for students, doctoral students and trainees, thus providing an enabling environment for living and studying, including for disabled persons. Optimal venues are also provided for activities of the staff. Such venues are adequately equipped.

Presentation of the state of facts: "Dunărea de Jos" University of Galați (DJUG) provides adequate teaching and research infrastructure, including lecture halls, laboratories, and specialized research centers. Doctoral students benefit from support services including: accommodation, dining halls, recreation areas, counseling services, and medical facilities. Specifically, the Control Systems doctoral domain utilizes dedicated teaching and laboratory spaces (such as Y604 and Y507) equipped for both the individual program curriculum and specialized PhD research themes. Research activities are conducted in specialized laboratories under the supervision of Doctoral supervisors affiliated with the doctoral domain. Additional academic research resources can be accessed in the university library, which grants access to international databases and maintains a specific collection for the Control Engineering domain consisting of 1,015 titles and 32 doctoral theses.

Analysis of the state of facts: The HEI legally owns venues for the related education, research, administrative processes and services for doctoral students. An enabling environment is provided for living and studying, including for disabled persons. The venues are adequately equipped.

Recommendation: Expand the investment in state-of-the-art laboratory infrastructure to ensure that doctoral research within the Control Systems domain remains at the forefront of technological trends as well as extend the service platforms to facilitate document transfer.

The indicator is: fulfilled.

Standard S.A.2.2. Management of material resources The organisational components manage the movable and immovable assets used for the evaluated study programme/domain in an optimal, sustainable manner.	
Indicator I.P.A.2.2.1	The movable and immovable assets are properly maintained to ensure optimal conditions for studying, living and research, as well as for work.

Presentation of the state of facts: “Dunărea de Jos” University of Galați ensures the upkeep of its infrastructure and assets to provide an environment for education, research, and professional life. Through its specialized departments, the university applies procedures for in-house repairs, maintenance, and modernization of buildings and equipment. Movable assets are inventoried and updated to ensure they effectively meet the demands of teaching and research. These activities are governed by formal operational procedures, which include occupational health and safety protocols designed to prevent workplace accidents and safeguard employee well-being through continuous health monitoring and training.

Analysis of the state of facts: Institutional assets are consistently managed to guarantee optimal conditions for learning, research, and campus life. Maintenance protocols ensure that the infrastructure effectively supports the operational requirements of PhD students and staff.

The indicator is: fulfilled.

Criterion A.3. Adequate human resources and transparent staff recruiting procedures developed according to the law

Standard S.A.3.1. Human resources The HEI has the required human resources to organise and deliver the evaluated study programme/domain.	
Indicator I.P.A.3.1.1	The human resources of the organisational component are suitable to perform the activities pertaining to the evaluated study programme/domain. The teaching staff has the required qualifications and professional competences to teach the subject matters assigned to them in the job list.

Presentation of the state of facts: Within the Control Engineering doctoral domain, academic guidance is provided by four supervisors: two are tenured faculty members at DJUG with full-time, indefinite contracts, while the other two serve as associate supervisors. All supervisors meet the minimum mandatory standards required by Order no. 6129/2016 (Annex 15—Computers, Information Technology, and Control Systems Commission of CNATDCU). Currently, all of the doctoral supervisors in this domain are scientifically active. Furthermore, all courses within the advanced university study program are taught by professors or doctoral supervisors with proven expertise in their respective disciplines. The PhD school strictly adheres to supervision limits, with no supervisor exceeding the maximum capacity of 8 doctoral students at any time.

Analysis of the state of facts: The human resources of the Doctoral School are suitable to perform the activities specific to the Control Engineering Domain. The academic staff has the required qualifications and professional competences in accordance with the legal requirements..

Recommendation: Actively promote the attainment of the habilitation degree, thus increasing the number of PhD supervisors as a means to enhance the scientific impact and international visibility of the doctoral school as to facilitate the creation of specialized research groups and increase the potential for international collaborations and competitive grant applications

The indicator is: fulfilled

Indicator I.P.A.3.1.2	The HEI ensures professional and personal development for its staff.

Presentation of the state of facts: DJUG is committed to the professional and personal advancement of its academic, research, and administrative staff, aligning with its strategic objective to attract and retain high-caliber talent. To foster educational and research excellence, the university provides merit-based salary differentiation, career development pathways, and extensive support for international mobility and conference participation. This institutional support is evidenced by the active participation of both academic and auxiliary staff in programs offered by the Department of Lifelong Learning and Technology Transfer, as well as their engagement in ERASMUS+ mobilities and various international scientific forums.

Analysis of the state of facts: The HEI facilitates professional and personal development for PhD supervisors.

The indicator is: fulfilled.

Standard S.A.3.2. Recruitment procedures Teaching staff recruitment procedures compliant with the provisions of the law.	
Indicator I.P.A.3.2.1	Recruitment procedures comply with the provisions of the law, and are established and carried out transparently.

Presentation of the state of facts: Under a methodology approved by the University Senate, faculties perform recruitments and propose specific performance criteria for candidates. To uphold the principles of transparency and public accountability, all information regarding these competitions—including procedures and outcomes—is made readily available on the university's web site. The habilitation process is conducted in compliance with the prevailing legal framework and the specific academic standards established for the doctoral domain.

Analysis of the state of facts: Academic recruitment at DJUG is conducted in accordance with legal frameworks through open competitions for vacant positions.

The indicator is: fulfilled.

Criterion A.4. Digitalisation of institutional processes

Standard S.A.4.1. Digital transformation The digital transformation process in the organisational component seeks to achieve administrative simplification and improve the quality of the services provided to the members of its own community, as well as to third parties.	
Indicator I.P.A.4.1.1	The organisational component uses IT tools in its own procedures, to improve access and provide good quality services for the members of its own community and the indirect beneficiaries of education.

Presentation of the state of facts: "Dunărea de Jos" University of Galați (DJUG) has integrated digital tools into its institutional framework to streamline educational, research, and administrative services. For academic delivery, the university utilizes Moodle and Microsoft Teams, while administrative tasks and human resources—including curricula management and job descriptions—are handled via a dedicated HR platform. Quality assurance is maintained through the evaluare.ugal.ro portal, which facilitates student evaluations of both faculty performance and the learning environment. Research and documentation are supported by the ARTHRA digital repository and the AnelisPlus consortium, providing access to international databases and doctoral theses (biblioteca.ugal.ro) . The university employs a Single Sign-On (SSO) system, allowing the academic community to access the student.ugal.ro portal, high-speed WiFi, and the global Eduroam network with a single set of credentials. Furthermore, students benefit from Office 365 suites with email and cloud storage, supplemented by an internal cloud platform (files.ugal.ro) for secure collaboration. To support advanced technical research, DJUG provides licenses for specialized software such as MATLAB and maintains a High-Performance Computing (HPC) cluster featuring 24.9 TFlops of processing power and 624 cores. Currently, the university is transitioning to the SmartUMS system to modernize student data management. This digital evolution is further bolstered by funding from the National Recovery and Resilience Plan (NRRP), aimed at equipping the university with state-of-the-art educational and research infrastructure.

Analysis of the state of facts: The HEI as well as theDoctoral School integrate digital tools into operational procedures to enhance accessibility and deliver appropriate services. By leveraging this IT infrastructure, the institution improve access to information and services for the internal academic community and external stakeholders and the broader socio-economic environment

The indicator is: fulfilled.

DOMAIN B. Educational efficacy

Criterion B.1. Content and relevance of study programmes

Standard S.B.1.1. Content of study programme/s[2] The study programme is based on a curriculum designed so that students can acquire the expected learning outcomes.	
Indicator I.P.B.1.1.1	The study programme is developed and structured according to the expected learning outcomes, and organised based on transferable study credits. It includes all learning, teaching, practical training, research and evaluation experiences, which, together, lead to a higher education qualification.

Presentation of the state of facts: The mission and objectives of the Control Systems doctoral domain are strategically aligned with those of DJUG and the Faculty of Automation, Computer Science, Electrical and Electronic Engineering. The training of doctoral students takes into account conceptual and applicative competencies at the level of research, development, innovation The doctoral training addresses current local and national labor market demands alongside domain specific research trends. The program emphasizes the development of both conceptual and applied competencies in research, innovation, and technological transfer. By focusing on learning outcomes and ECTS-based training, the advanced program ensures that students acquire the necessary skills for research and innovation. The four-course core program is covering academic writing, project management, ethics, and digital proficiency.
Analysis of the state of facts: The study programme In Control Engineering is designed and structured in accordance with the intended learning outcomes and is organized on the basis of transferable study credits. It encompasses all learning, teaching, practical training, research, and assessment activities which, taken together, lead to the achievement of a higher education qualification.

Recommendation: Develop the course offerings further to better reflect domain-oriented learning outcomes.

The indicator is: fulfilled.

Criterion B.2. Alignment of the curriculum with the qualification

Standard S.B.2.1. Alignment with the qualification level and the intended competences In the curriculum design and development process, the organisational component seeks to ensure the qualification level, as well as correlation with the envisaged occupations.	
Indicator I.P.B.2.1.2	The expected learning outcomes are correlated with the competences required by those occupations, according to the occupational standards and/or the European Skills, Competences and Occupations (ESCO).

Presentation of the state of facts: Learning outcomes are correlated with competencies and defined with the aid of knowledge, skills, and competencies, strictly aligned with both the National Qualifications Framework (CNC) and the European Qualifications Framework (EQF). These outcomes are mapped to the requirements of the regional and european labor market, incorporating standards from the European Classification of Occupations (ESCO) to ensure professional relevance. Specifically calibrated to EQF Level 8, the curriculum guarantees that graduates achieve the advanced mastery expected of doctoral-level researchers.
Analysis of the state of facts: Learning outcomes for Control Engineering doctoral domain are correlated with the competences required by those occupations

The indicator is: fulfilled.

[2] The term “programmes” concerns the external quality evaluation for the study programmes contained in a master/doctoral domain. The term “programme” shall be used hereinafter.

Criterion B.3. Student-centred learning, teaching and evaluation

Standard S.B.3.1 Principles The organisational component implements the principles of student-centred learning.	
Indicator I.P.B.3.1.1	The organisational component ensures implementation of the student-centred learning in the curriculum and through the teaching strategies used in the learning and teaching activities and experiences.

Presentation of the state of facts: In the 2024–2025 academic year, the doctoral domain of Control Systems includes 8 enrolled doctoral students. The institution ensures the implementation of student-cented learning principles within the doctoral field of Control Systems through a flexible curricular framework adapted to the academic and research needs of doctoral students. The curriculum supports the development of both professional and transversal competences.The teaching, learning, and assessment processes encourage active student involvement and to facilitate the practical application of acquired knowledge. Course content, teaching methods, and evaluation strategies integrate interactive and formative approaches, thus contributing to the continuous academic and professional development of doctoral students. Doctoral students is monitored through formal mechanisms, including annual activity reports, while the favourable ratio between doctoral students and academic guidance staff ensures an effective, coherent, and supportive learning and research environment aligned with institutional objectives and labour market expectations.

Analysis of the state of facts: Doctoral students benefit from individualized study programmes, structured academic guidance, and permanent support from academic guidance and integrity committees throughout their doctoral training.

The indicator is: fulfilled.

Indicator I.P. B.3.1.2	The organisational component ensures opportunities for students to participate in academic mobility programmes organised in person and/or virtually.

Presentation of the state of facts: Doctoral students in the Control Systems domain leverage diverse academic mobility opportunities through the Erasmus+ program, available in physical, virtual, and blended formats. DJUG adheres to transparent procedures for the organization and validation of these mobilities, strictly following the Erasmus Charter and the Erasmus+ Student Guide. Between 2020 and 2024, doctoral students participated in numerous national and international scientific events with a total of 33 papers, maintaining an average of four participations per student. To sustain this, the university has implemented a Strategic Internationalization Plan and specific operational procedures designed to incentivize high-performance research and support international internships for doctoral thesis preparation. All doctoral students from the doctoral domain Control Systems who completed their doctoral studies in the period 2020-2025 had at least one participation in an international scientific event.

Analysis of the state of facts: The high level of scientific engagement is reflected in the opportunities for students to participate in academic mobility programmes and the dissemination of research;

Best practice examples: Mobilities contribute significantly to the development of students' professional and intercultural skills, for the doctoral domain Control Systems, from 16 budget doctoral students 12 benefited from mobilities (75%).

The indicator is: fulfilled.

Standard S.B.3.2. Fairness The organisational component provides fair opportunities for students.	
Indicator I.P.B.3.2.1	The organisational component provides fair opportunities for students, in line with their potential and aspirations, taking into account the diversity of learning styles and abilities

Presentation of the state of facts: DJUG ensures an inclusive doctoral environment by providing equal access to high-quality resources and personalized mentoring, allowing students to reach their full academic potential.
The program offers flexibility, empowering students in the Control Systems domain to customize their research paths through individualized support mechanisms, access to various educational resources, and international mobility opportunities.

Analysis of the state of facts: DJUG and the PhD School provide fair the doctoral program ensures fair opportunities for all doctoral students, regardless of previous experience, learning style or specific needs.

The indicator is: fulfilled.

Criterion B.4. Accessibility and efficiency of the resources and support services, adequate for learning

Standard S.B.4.1. Access to resources and services The organisational component provides access to adequate resources and support services, according to the needs of the students.	
Indicator I.P.B.4.1.1	The organisational component provides students, including those with special educational needs/disabilities, with access to resources and services designed to support the learning process, adequate for the individual learning needs, the study domain, the study cycle, and the form of organisation of the study programme.

Presentation of the state of facts: “Dunărea de Jos” University of Galați (DJUG) provides an ecosystem of resources and support services designed to enhance both the academic and professional development of its students. The university’s infrastructure encompasses specialized research laboratories, physical and digital libraries, institutional access to global scientific databases (https://biblioteca.ugal.ro/), and advanced learning management systems that facilitate hybrid and distance education. Students benefit from a support network including mentoring, academic counseling, accommodation in student dormitories, access to the canteen and recreation areas and sports. DJUG continuously modernizes its campus with elevators, ramps, and specialized signage to ensure full accessibility for students with disabilities, while providing tailored educational support where required. Doctoral students receive scholarships in accordance with the Methodology for awarding scholarships. The financial, material and infrastructure resources allocated to the doctoral training activity are allocated equitably and provided for by the Regulation on the organization and functioning of the Advanced Process Management System.

Analysis of the state of facts: DJUG and the PhD School provide all PhD students with access to resources and services, adequate for the individual learning needs, the Control Engineering study domain and program organization.

The indicator is: fulfilled.

Criterion B.5. Learning outcomes

Standard S.B.5.1. Definition and evaluation Learning outcomes are adequately defined and evaluated.	
Indicator I.P.B.5.1.1	Learning outcomes are adequately described, and they support understanding of the students' and teachers' expectations regarding the content of the subject matters in the curriculum.

Presentation of the state of facts: The learning outcomes for the doctoral domain Control Systems are specified in the course syllabi included in the curriculum and are formulated in line with recognized educational taxonomies. The course sheets define the expected learning outcomes, the specific competences to be acquired, as well as the levels of responsibility and autonomy that doctoral students are expected to achieve upon completion of the related training activities. These course sheets are subject to analysis and approval by the Doctoral School Council. The Doctoral School for Fundamental and Engineering Sciences have created mechanisms to ensure that the training programme based on advanced university studies, related to the doctoral domain Control Systems, targets the learning outcomes, knowledge, skills and attitudes acquired, specifying the competencies, skills and attitudes that doctoral students should acquire after completing each discipline or through research activities related to research themes.

Analysis of the state of facts: The learning outcomes are generally aligned with the objectives and mission of the doctoral domain Control Systems and support the achievement of the competences. Their formulation ensures an understanding of the expected level of performance for both doctoral students and academic staff and supports the effective design and implementation of teaching, learning, and assessment activities.

The indicator is: fulfilled

Indicator I.P.B.5.1.2	Achievement of the learning outcomes is checked in ongoing examinations and study completion exams.

Presentation of the state of facts: Within the Control Systems doctoral domain, learning outcomes are delineated in the course syllabi, which specify both the performance criteria and the verification methods through mid-term and final examinations. Each candidate follows a tailored Individual Doctoral Studies Programme, which serves as the primary framework for academic progression and promotion. The evaluation process is both continuous and cumulative, comprising graded coursework, annual research reports defended before the Guidance Committee, and the publication of peer-reviewed scientific papers. The public defense of the doctoral thesis is organised in accordance with the law and involves a multi-stage evaluation: initial vetting by the internal Guidance Committee, assessment by an external specialty committee, and document submission for the final validation by CNATDCU.

Analysis of the state of facts: Achievement of the learning outcomes are checked by the university's institutional regulations, ensuring a transparent, fair, and objective certification.

The indicator is: fulfilled

Criterion B.7. Procedures and practices regarding the admission competition, the journey, recognition and equivalence of studies, and result certification

Standard S.B.7.1. Admission The admission procedures and principles ensure access to higher education.	
Indicator I.P.B.7.1.1	The organisational component applies the admission procedures.

Presentation of the state of facts: The admission of students to doctoral studies is organised in accordance to the Methodology on the organization and conduct of admission to the third cycle of doctoral studies and takes into account the observance of the principles of equity and equal opportunities, as well as support measures to ensure access for vulnerable groups. Only graduates with a master's degree or its equivalent are entitled to participate in the admission competition for doctoral studies (at least 300 transferable study credits). The admission methodology establishes the criteria, procedures and conditions of admission, ensuring transparency and compliance with national legislation in force.
Analysis of the state of facts: DJUG e implements a transparent and legislatively compliant methodology regarding the recruitment, admission, transfers and mobility of students to the doctoral study cycle. The admission processes are conducted in accordance with the Senate approved methodology. Candidates for doctoral admission are evaluated based on their level of knowledge and training in the field, their ability to address specific research problems, to formulate innovative solutions, and on the measurable results of their previous scientific research and also on their ability to justify the innovative character of the proposed research topic in relation to the current state of research in the chosen thematic area and the relevant specialized literature, while highlighting their own contribution to the doctoral topic selected in agreement with the doctoral supervisor. The admission conditions are made public at least 6 months before the admission exam.
Analysis of the state of facts: The admission procedure also includes an oral examination. Within the doctoral education institution, the admission requirements are published each year at least six months before the admission examination.

The indicator is: fulfilled

Indicator I.P.B.7.1.2	Admission in higher education study programmes complies with the principles of fairness and equal opportunities, and with the establishing of support measures to ensure access of vulnerable groups at social and educational risk, including candidates with special educational needs and/or disabilities.

Presentation of the state of facts: The admission of students to doctoral studies is organised in accordance to the Methodology on the organization and conduct of admission to the third cycle of doctoral studies and takes into account the observance of the principles of equity and equal opportunities, as well as support measures to ensure access for vulnerable groups. Only graduates with a master's degree or its equivalent are entitled to participate in the admission competition for doctoral studies (at least 300 transferable study credits). The admission process is a transparent, fair and non-discriminatory process, according to the regulations in force. In addition, at the DJUG level, the Gender Equality Plan is implemented, which promotes fundamental rights, non-discrimination and equal opportunities for all citizens.

Analysis of the state of facts: Admission in higher education study programmes is in accordance with the principles of fairness and equal opportunities, and with the establishing of support measures to ensure access of vulnerable groups at social and educational risk, including candidates with special educational needs and/or disabilities

The indicator is: fulfilled

Standard S.B.7.2. Academic journey of students The organisational component carries out actions supporting the students' academic journey.	
Indicator I.P.B.7.2.1	The organisational component applies the regulations concerning the students' professional activity.

Presentation of the state of facts: Accessible via the institutions website, the institutional regulations delineate the general framework and the specific particularities of the doctoral students' academic journey, including: Regulations of the doctoral schools of the institution organising doctoral studies; Initiation regulations regarding the approval, monitoring and periodic evaluation of study programmes; Self-evaluation methodology of the institution organising doctoral studies activity and of the activity of the doctoral school in the institution; Institutional regulation on the organization and functioning of doctoral studies in the doctoral school of DJUG; Methodology regarding the organization and conduct of admission to the third cycle of university studies;Doctoral student guide.

Analysis of the state of facts: The higher education institution maintains a regulatory framework that governs the doctoral cycle, from initial admission through to the public defense of the thesis.

The indicator is: fulfilled

Criterion B.8. Internationalisation process

Standard S.B.8.1. Internationalisation Improving the quality of education and research through internationalisation actions.	
Indicator I.P.B.8.1.1	The organisational component carries out international cooperation actions supporting mobility of the members of its own community and collaboration in academic and research activities.

Presentation of the state of facts: In Strategic Development Plan 2024-2029, DJUG has prioritized the comprehensive approach of the components of the academic ecosystem for the internationalization process. The institution organising doctoral studies aligns itself with this strategy through specific procedures, according to Order 4262/2024 on the academic mobility of students. Between 2020 and 2025, all 6 doctoral students from the doctoral domain Control Systems who completed their doctoral studies had at least one participation in an international scientific conference. All doctoral students in internship had participated in scientific conferences. For the doctoral domain Control Systems the 16 doctoral students from the budget benefited from 12 mobilities (75%). Within the doctoral domain Control Systems, the organization of national and international co-supervision doctorates is supported, including financially, respectively the invitation of first-rank experts to hold courses/lectures for doctoral students. Doctoral students actively participate with scientific papers at international conferences, ensuring the dissemination and visibility of their research results, as well as the exchange of experience.

Analysis of the state of facts: The institution pursues international cooperation initiatives that facilitate mobility for its academic community and collaboration in scientific research.
Recommendation: The organization should prioritize increasing its doctoral domain international visibility by incentivizing involvement in alliances and joint projects with international partners and providing a centralized guide that includes procedures and available resources.

The indicator is: fulfilled.

Criterion B.9. Scientific research results

Standard S.B.9.1 Scientific research in the education process Scientific research activities support students in achieving the learning outcomes.	
Indicator I.P.B.9.1.1	Learning based on scientific investigation and research results support and are capitalised upon in achieving the learning outcomes envisaged through the study programme.

Presentation of the state of facts: In the doctoral field of Control Systems, research results are capitalized through publications and conference participation. In the last five years, 6 doctoral students completed their studies, all obtaining the PhD degree. Each doctoral student published at least two ISI-indexed journal articles and other relevant contributions. All graduates presented at least once at prestigious international conferences (e.g., IFAC, IEEE). On average, each doctoral student presented around 5–6 papers. A total of 21 ISI-indexed papers were published by doctoral students during this period. Doctoral students were involved in 5 research projects and completed 14 funded research internships (45.71% of students).

Analysis of the state of facts: The number of publications, conference participations, and involvement in research projects demonstrates relevant research activity and effective integration of doctoral students into the scientific community, contributing to the development of advanced research skills, critical thinking, and innovation capacity.

The indicator is: fulfilled

Standard S.B.9.2. Scientific research pertaining to the objectives of the study programme The organisational component carries out scientific research activities aligned with the objectives of the evaluated study programme.	
Indicator I.P.B.9.2.1	The results of scientific research are visible at national and international level in that scientific domain, and capitalised upon in an adequate manner.

Presentation of the state of facts: Within the Doctoral School for Fundamental and Engineering Sciences, research activities are aligned with the objectives of the Control Systems doctoral domain.
Doctoral students and supervisors are actively involved in research projects that support advanced skill development and scientific progress. All doctoral supervisors have at least 4 Web of Science-indexed publications in impact factor journals. Their international visibility is reflected through memberships in professional organizations (e.g., IFAC, IEEE) and participation in scientific committees and conferences. Doctoral students have each published at least 2 ISI-indexed articles or other internationally indexed contributions. Both doctoral students and supervisors actively participate in prestigious national and international conferences. Research results are published in well-ranked journals (Q1–Q4) and are visible at both national and international levels.

Analysis of the state of facts: The strong publication record, active participation in international scientific communities, and consistent involvement in research projects demonstrate that research activities are well aligned with program objectives, ensuring high visibility and effective capitalization of results.

The indicator is: fulfilled

DOMAIN C. Quality management

Criterion C.1. Quality assurance strategies and procedures, including in the field of academic ethics and conduct, which involve students, employers and other stakeholders and are applied in a consistent, transparent manner

Standard S.C.1.1. Application Adequately implemented strategic directions, actions, and procedures	
Indicator I.P.C.1.1.1	The organisational component consistently carries out actions and applies procedures, proving their impact on improving the quality of education at the level of the study programme

Presentation of the state of facts: The Doctoral School for Fundamental and Engineering Sciences operates based on clearly defined regulations and procedures available on the institutional website. Strategic and operational directions are implemented through the Institutional Strategic Plan 2025–2029, ensuring alignment with quality assurance standards and academic ethics. Internal monitoring mechanisms are applied for the scientific activity of doctoral supervisors, including annual self-evaluation procedures and performance indicators aligned with ARACIS standards. The institution provides adequate research infrastructure and logistics, with dedicated management for equipment and facilities. Procedures governing doctoral studies, from admission to thesis defense, are well established, transparent, and publicly accessible. The activity of doctoral students is monitored through self-evaluation procedures, annual reports, and institutional regulations. The training programme is continuously evaluated, ensuring alignment between teaching quality, curriculum content, and learning outcomes. Feedback mechanisms are implemented, including evaluations between doctoral students, supervisors, and management, indicating a high level of satisfaction and continuous improvement.
Analysis of the state of facts: The consistent implementation of regulations, monitoring mechanisms, and feedback systems demonstrates an institutional commitment to quality assurance, with evidence of their impact on improving the educational process within the doctoral programme.

The indicator is: fulfilled

Standard S.C.1.2. Stakeholder engagement The HEI proves that it engages the stakeholders who have relevant activity in applying the procedures.	
Indicator I.P.C.1.2.1	The opinions of the members of its own community and of other stakeholders are taken into account in the procedure implementation process.

Presentation of the state of facts: “Dunarea de Jos” University of Galati promotes active involvement of the academic community and external stakeholders in the development and implementation of procedures. Opinions of academics, students, and administrative staff are collected through public consultations and institutional structures such as faculty councils, Senate, and specialized committees. Student feedback is gathered periodically with satisfaction and evaluation questionnaires. Consultations also include employers, business representatives, and institutional partners. Students are represented in all management structures approved representation methodologies. The university has established procedures for regularly assessing student satisfaction with the educational process, services, and infrastructure. Specific operational procedures are applied for evaluating academic staff and the learning environment.
Analysis of the state of facts: The systematic collection and integration of feedback from internal and external stakeholders demonstrate an inclusive and participatory approach, ensuring that procedures are continuously improved based on relevant input.

The indicator is: fulfilled

Criterion C.2. Functionality of education quality assurance structures, including in the field of academic ethics and conduct, according to the law

Standard S.C.2.2. Operation Quality assurance and academic ethics and conduct organisational structures adequately perform their specific role and functions.	
Indicator I.P.C.2.2.2.	The academic ethics commission operates based on the regulation approved by the University Senate, and performs actions that are compliant with the law, independently from any other structure or person in the higher education institution.

Presentation of the state of facts: "Dunarea de Jos" University of Galati has established organizational structures for quality assurance, academic ethics, and deontology, functioning based on approved regulations. The University Ethics Committee operates independently, in accordance with legal provisions and regulations approved by the Senate. The institution has a Code of ethics and academic conduct that ensures integrity, academic freedom, and university autonomy. Preventive policies are implemented, including the integration of academic ethics and integrity courses at all study levels. Procedures are in place for risk management, identification of sensitive positions, and reporting irregularities, ensuring institutional transparency and accountability. Mechanisms for identifying and resolving conflicts of interest and incompatibilities are aligned with national legislation. Anti-plagiarism checks are systematically applied to all scientific outputs using dedicated software. The Ethics Committee operates as an autonomous body, with publicly available composition, decisions, and annual reports.
Analysis of the state of facts: The existence and application of regulations, preventive measures, and monitoring mechanisms demonstrate that the organizational structures ensure academic ethics, integrity, and quality assurance, operating independently and in compliance with legal requirements.

The indicator is: fulfilled

Criterion C.3. Procedures for the initiation, monitoring and periodic review of the study programmes and domains and of the performed activities, involving students, employers and other stakeholders

Standard S.C.3.1. Procedures and implementation of procedures The HEI has procedures for initiating, monitoring, and periodically reviewing the study programmes and domains and the performed activities, and applies them systematically.	
Indicator I.P.C.3.1.1	The organisational component consistently applies the procedures, and proves their impact on quality assurance.

Presentation of the state of facts: "Dunarea de Jos" University of Galati has implemented the Regulation on the initiation, monitoring, and periodic review of study programmes (Senate Decision no. 133/11.04.2025). This regulation provides the framework for evaluating bachelor's, master's, and doctoral programmes, including full-time, part-time, and distance learning. Internal evaluation of doctoral programmes, supervisors, and students is carried out annually by an internal evaluation committee, with reports approved by the University Senate. Monitoring of the Control Systems doctoral domain uses self-evaluation files, teaching committee input, and Quality Council analysis. Procedures include curriculum review, course sheet approval, teaching position assignments, and analysis of learning outcomes. Teaching staff performance is evaluated through self-evaluation, student feedback, and annual academic management review. Consistent application of these procedures allows for operational responses to emerging needs. These activities directly contribute to maintaining and improving the quality of doctoral studies in the Control Systems field.
Analysis of the state of facts: The structured, consistent application of evaluation and monitoring procedures ensures quality assurance, aligns teaching and learning outcomes, and enables continuous improvement of doctoral programmes.

The indicator is: fulfilled

Indicator I.P.C.3.1.2	Members of its own community and other stakeholders are involved in the procedure implementation process.

Presentation of the state of facts: Members of the academic community and external stakeholders actively participate in implementing quality assurance procedures in accordance with institutional regulations. Teaching staff and students contribute directly through the Quality Evaluation and Assurance Committee, the Council for Doctoral Studies, and the Doctoral School Council. Their involvement includes analysis of indicators, evaluation of study fields, and formulation of improvement proposals. Students provide regular feedback through annual evaluations of teaching activities. Evaluation results are systematically analyzed and integrated into quality management structures. Active participation ensures that both internal and external perspectives are considered in decision-making. This process supports continuous improvement of teaching quality and doctoral programme performance.

Analysis of the state of facts: The structured engagement of students, teaching staff, and external stakeholders demonstrates an inclusive, transparent, and effective quality assurance system.

The indicator is: fulfilled

Criterion C.4. Procedures for the periodic evaluation of the quality of the activities of teaching staff, auxiliary teaching staff, and administrative staff

Standard S.C.4.1. Procedures Applying the methodologies and procedures contributes to improving the quality of the staff's activities.	
Indicator I.P.C.4.1.1	The organisational component analyses the results of the students' biannual evaluation of teachers.

Presentation of the state of facts: The institution organising doctoral studies implements clear procedures for the periodic evaluation of the activity of teaching, auxiliary teaching and administrative staff, in accordance with internal and national regulations. The evaluation of academics by students is carried out semi-annually, through standardized anonymous questionnaires, which target aspects such as scientific and pedagogical competence, the quality of the teaching act, the clarity of the presentation, the availability for guidance and the observance of academic ethics

Analysis of the state of facts: The results of student evaluations are centralized and analyzed by the responsible structures, and the conclusions are communicated to the program management and the evaluated teaching staff. Measures are proposed to improve teaching activity and strengthen the academic-student relationship. Thus, the periodic evaluation process has an active role in ensuring and increasing the quality of the doctoral study program, contributing to the continuous improvement of the staff involved. These steps contribute to the consolidation of a quality-oriented organizational culture and to supporting a student-centred educational process.

The indicator is: fulfilled

Criterion C.5. Systematically updated databases on internal quality assurance

Standard S.C.5.1. Databases The HEI uses databases to support internal quality assurance activities.	
Indicator I.P.C.5.1.1	The organisational component systematically collects and analyses data required for the internal quality assurance process.

Presentation of the state of facts: The dedicated platform https://hr.ugal.ro/secure/ ensures the unitary administration of academic information and human resources providing data for monitoring and optimizing teaching and research activity. The IT platform https://www.student.ugal.ro/ facilitates students secure access to school situations. DJUG provides doctoral students with the online platform for evaluating teaching staff/doctoral supervisors and the learning environment, accessible at: https://www.evaluare.ugal.ro/ The evaluation activities are regulated by the specific procedures available on the dedicated website. The information collected through this platform is analyzed by the Quality Evaluation and Assurance Committee, established at the level of DJUG. The reports prepared by this committee are subsequently discussed, approved and published on the university's website and the doctoral schools' website.

Analysis of the state of facts: DJUG has an institutionalized, secure and integrated IT system, which directly supports the functioning of internal quality assurance mechanisms by collecting, organizing and systematically analyzing relevant data.

The indicator is: fulfilled.

Criterion C.6. Transparency of information of public interest, including those regarding the study programmes and domains offered, and transparency regarding the related certificates, diplomas and qualifications

Standard S.C.6.1. Transparency The organisational component ensures transparency of information, as required by the law.	
Indicator I.P.C.6.1.1	The organisational component ensures publication and access to information of public interest regarding the evaluated study programme.

Presentation of the state of facts:The university ensures comprehensive institutional transparency by maintaining a dedicated, regularly updated web portal for the doctoral school and its specific domains. This platform provides public access to the academic framework, including but not limited to: program objectives, curricular structures, and internal regulations, alongside a clear definition of the rights and obligations of doctoral candidates. Furthermore, the website serves as a transparent repository for admission protocols, annual activity reports, and research themes proposed by accredited supervisors, while also highlighting opportunities for international mobility and collaborative partnerships.

Analysis of the state of facts: The institution organising doctoral studies complies with the legal provisions regarding the transparency of information of public interest and ensures free access to data regarding the doctoral study program

The indicator is: fulfilled

Indicator I.P.C.6.1.2	The organisational component ensures transparent decision-making processes.

Presentation of the state of facts: The institution maintains transparency within its decision-making framework by systematically communicating all resolutions passed by its governing bodies. In accordance with internal regulations and national legislation, management processes are built upon a consultative approach that emphasizes the active participation of doctoral students within management structures. Administrative and academic decisions—including those pertaining to admissions, resource allocation, performance assessment, and international mobility—are formally disseminated through established institutional channels to ensure the entire academic community remains informed.
Analysis of the state of facts: The institution maintains a transparent and accountable decision-making framework.

The indicator is: fulfilled.

Criterion C.8. Participation in external evaluation processes, according to the law

Standard S.C.8.1. Compliance with the external evaluation obligation The HEI undergoes external quality evaluation as required by the law.	
Indicator I.P.C.8.1.1	The organisational component carries out the procedures pertaining to the external quality evaluation process, aiming to organise the evaluated study programme as provided by the law.

Presentation of the state of facts: The doctoral domain Control Systems underwent periodic external evaluation, as reflected in the 2021 report issued by ARACIS, which confirmed the maintenance of its accreditation. In 2024, the annual report was submitted for the periodic evaluation process of the Doctoral School for Fundamental and Engineering Sciences.
Analysis of the state of facts: The procedures pertaining to the external quality evaluation process, aiming to organise the evaluated study programme were carried out as required by the law.

The indicator is: fulfilled

IV. SWOT Analysis

Strengths:	**INTERNAL FACTORS** ⑨	**Weaknesses:**
✓ the doctoral school is supported by supervisors with recognized expertise in control systems. ✓ research topics, which are aligned with current developments in Control Engineering ✓ the implementation of the PhD mobility program ✓ high level of involvement of doctoral supervisors.		✓ domain centered doctoral courses and training activities ✓ reduced number of doctoral supervisors of which only half are tenured ✓ reduced number of faculty members to obtain their habilitation in the last 5 years ✓ relatively low success rate of project proposals at national and international level,

SWOT analysis		
Opportunities: ✓ significant development opportunities due to the increasing importance of automation, robotics, cyber-physical systems, artificial intelligence ✓ the opportunity to strengthen collaboration with industry ✓ participation in international research programs, academic mobility schemes, and scientific networks ✓ national and international recognition ✓ participation in international research projects	**0** **EXTERNAL FACTORS**	**Threats:** ✓ increasingly competitive higher education and research environment, both nationally and internationally ✓ attracting high - performing candidates and risk of them leaving the doctoral program early industrial sector careers ✓ access to research funding and partnerships with industry ✓ risk of dropout due to low income and incentives to join industry careers

V. Extent to which the standards and performance indicators are fulfilled, and recommendations

No.	Performance Indicator	Extent to which it was fulfilled (F/PF/UF)	Recommendations
DOMAIN A. Institutional capacity			
1.	**I.P.A.1.1.1** For delivering the study programme/domain, the HEI has adequate organisational components and an adequate management system, which operate based on methodologies, regulations and procedures that are periodically reviewed as required by law.	F	
2.	**I.P.A.1.2.1** The opinions of the faculty and department members, of the subsidiary or extension and of other stakeholders are considered in the process of adopting and revising methodologies, regulations and implementation procedures.	F	
3.	**I.P.A.2.1.1** The HEI legally owns venues for the related education, research and administrative processes, as well as for services for students, doctoral students and trainees, thus providing an enabling	F	Expand the investment in state-of-the-art laboratory infrastructure to ensure that doctoral research within the Control Systems domain remains at the forefront of technological trends

No.	Performance Indicator	Extent to which it was fulfilled (F/PF/UF)	Recommendations
	environment for living and studying, including for disabled persons. Optimal venues are also provided for activities of the staff. Such venues are adequately equipped.		as well as extend the service platforms to facilitate document transfer
4.	**I.P.A.2.2.1** The movable and immovable assets are properly maintained to ensure optimal conditions for studying, living and research, as well as for work.	F	
5.	**I.P.A.3.1.1** The human resources of the organisational component are suitable to perform the activities pertaining to the evaluated study programme/domain. The teaching staff has the required qualifications and professional competences to teach the subject matters assigned to them in the job list.	F	Actively promote the attainment of the habilitation degree, thus increasing the number of PhD supervisors as a means to enhance the scientific impact and international visibility of the doctoral school as to facilitate the creation of specialized research groups and increase the potential for international collaborations and competitive grant applications
6.	**I.P.A.3.1.2** The HEI ensures professional and personal development for its staff.	F	
7.	**I.P.A.3.2.1** Recruitment procedures comply with the provisions of the law, and are established and carried out transparently.	F	
8.	**I.P.A.4.1.1** The organisational component uses IT tools in its own procedures, to improve access and provide good quality services for the members of its own community and the indirect beneficiaries of education.	F	
DOMAIN B. Educational efficacy			
9.	**I.P.B.1.1.1** The study programme is developed and structured according to the expected learning outcomes, and organised based on transferable study credits. It includes all learning, teaching, practical training, research and evaluation experiences, which, together, lead to a higher education qualification.	F	Develop the course offerings further to better reflect domain-oriented learning outcomes.
10.	**I.P.B.2.1.2** The expected learning outcomes are correlated with the competences required by those occupations, according to the occupational standards and/or the European Skills, Competences and Occupations (ESCO).	F	
11.	**I.P.B.3.1.1** The organisational component ensures implementation of the student-centred learning in the curriculum and through the teaching strategies used in the learning and teaching activities and experiences.	F	
12.	**I.P.B.3.1.2** The organisational component ensures opportunities for students to participate in academic mobility programmes organised in person and/or virtually.	F	
13.	**I.P.B.3.2.1** The organisational component provides fair opportunities for students, in line with their potential and aspirations, taking into account the diversity of learning styles and abilities.	F	

No.	Performance Indicator	Extent to which it was fulfilled (F/PF/UF)	Recommendations
14.	**I.P.B.4.1.1** The organisational component provides students, including those with special educational needs/disabilities, with access to resources and services designed to support the learning process, adequate for the individual learning needs, the study domain, the study cycle, and the form of organisation of the study programme.	F	
15.	**I.P.B.5.1.1** Learning outcomes are adequately described, and they support understanding of the students' and teachers' expectations regarding the content of the subject matters in the curriculum.	F	
16.	**I.P.B.5.1.2** Achievement of the learning outcomes is checked in ongoing examinations and study completion exams.	F	
17.	**I.P.B.7.1.1** The organisational component applies the admission procedures.	F	
18.	**I.P.B.7.1.2** Admission in higher education study programmes complies with the principles of fairness and equal opportunities, and with the establishing of support measures to ensure access of vulnerable groups at social and educational risk, including candidates with special educational needs and/or disabilities.	F	
19.	**I.P.B.7.2.1** The organisational component applies the regulations concerning the students' professional activity.	F	
20.	**I.P.B.8.1.1** The organisational component carries out international cooperation actions supporting mobility of the members of its own community and collaboration in academic and research activities.	F	The organization should prioritize increasing its doctoral domain international visibility by incentivizing involvement in alliances and joint projects with international partners and providing a centralized guide that includes procedures and available resources.
21.	**I.P.B.9.1.1** Learning based on scientific investigation and research results support and are capitalised upon in achieving the learning outcomes envisaged through the study programme.	F	
22.	**I.P.B.9.2.1** The results of scientific research are visible at national and international level in that scientific domain, and capitalised upon in an adequate manner.	F	
DOMAIN C. Quality management			
23.	**I.P.C.1.1.1** The organisational component consistently applies the procedures, and proves their impact on quality assurance.	F	
24.	**I.P.C.1.2.1** The opinions of the members of its own community and of other stakeholders are taken into account in the procedure implementation process.	F	

No.	Performance Indicator	Extent to which it was fulfilled (F/PF/UF)	Recommendations
25.	**I.P.C.2.2.2.** The academic ethics commission operates based on the regulation approved by the University Senate, and performs actions that are compliant with the law, independently from any other structure or person in the higher education institution.	F	
26.	**I.P.C.3.1.1** The organisational component consistently applies the procedures, and proves their impact on quality assurance.	F	
27.	**I.P.C.3.1.2** Members of its own community and other stakeholders are involved in the procedure implementation process.	F	
28.	**I.P.C.4.1.1** The organisational component analyses the results of the students' biannual evaluation of teachers.	F	
29.	**I.P.C.5.1.1** The organisational component systematically collects and analyses data required for the internal quality assurance process.	F	
30.	**I.P.C.6.1.1** The organisational component ensures publication and access to information of public interest regarding the evaluated study programme.	F	
31.	**I.P.C.6.1.2** The organisational component ensures transparent decision-making processes.	F	
32.	**I.P.C.8.1.1** The organisational component carries out the procedures pertaining to the external quality evaluation process, aiming to organise the evaluated study programme as provided by the law.	F	

Summary Table of Performance Indicators – Degree of Fulfillment

Evaluation Domain	Number of Performance Indicators		
	Fulfilled	Partially fulfilled	Unfulfilled
Domain A. Institutional capacity	8	-	-
Domain B. Educational efficacy	14	-	-
Domain C. Quality management	10	-	-
Total	32	-	-

VI. Conclusions

The Internal Evaluation Report was prepared in an appropriate format, providing detailed information regarding the doctoral study domain Control Engineering , which proved essential for the assessment process.

Recommendations and main conclusions resulting from the last external quality assessment procedure have been implemented.

The evaluation of the Doctoral School of Systems Engineering highlights the implementation of an appropriate academic and research framework, supported by institutional structure, qualified academic staff, and a research environment aligned with the specific requirements of doctoral education. The doctoral school demonstrates a commitment to quality assurance, academic integrity, and the continuous improvement of its educational and research activities.

The analysis indicates that the organization and functioning of the doctoral school are consistent with the mission and objectives of advanced university education. The doctoral programs are supported by relevant scientific expertise, adequate supervision capacity, and research topics that correspond to the current developments in the field of Systems Engineering. The doctoral students benefit from access to research infrastructure, academic guidance, and opportunities for scientific dissemination, which contribute to the development of their research competences.

Additionally, it is worth highlighting as a noteworthy achievement the implementation of the PhD mobility program.

The overall findings of the evaluation committee based on Internal Evaluation Report and the site visit confirm that the Doctoral School of Control Engineering provides the necessary conditions for carrying out doctoral studies in accordance with national standards and quality requirements specific to higher education. The academic activity, research orientation, and organizational framework support the achievement of the expected learning and research outcomes associated with the evaluated doctoral study program.

Following the completion of the maintaining accreditation3 procedure, the decision of the evaluation panel is the following: **maintaining accreditation (MAC);**

[3] When the external quality evaluation for accreditation is performed with undergoing the procedure for obtaining a provisional authorisation to operate.

VII. Annexes

Schedule of the on-site visit.

Calendarul vizitei de evaluare externă a calităţii
domeniului de studii universitare de doctorat/ The timetable for the evaluation of the external quality evaluation visit
for the doctoral university study domain

Instituţia de învăţământ superior/Organizaţia furnizoare de educaţie/ Higher Education Institution / Education Provider Organization**: Universitatea Dunărea de Jos din Galaţi** / „Dunărea de Jos“ University of Galaţi
Şcoala doctorală/ Doctoral School**: Şcoala doctorală Ştiinţe Fundamentale şi Inginereşti/** Fundamental and Engineering Sciences
Domeniul de doctorat/ Doctoral Domain**: *Ingineria Sistemelor* /** *Control Engineering*
Obiectivul evaluării externe/ The objective of the external evaluation**:** *(autorizare de funcționare provizorie/acreditare/menținerea acreditării domeniului de doctorat)* ***menţinerea acreditării domeniului de doctorat Ingineria Sistemelor /*** *maintenance of accreditation of the doctoral study domain Control Engineering*
Perioada vizitei de evaluare/ The evaluation period: *19-20.03.2026*

Comisia de experţi evaluatori ai ARACIS/Evaluation panel:
Reprezentantul IÎS/OFE

:

Nr./No.	Numele şi prenumele/ Last Name and First Name	Calitatea/Team role
1.	***MOISESCU Mihnea Alexandru***	*Membru - Cadru didactic RNE*
2.	***GRABARA Janusz***	*Membru - Evaluator internațional RNE-I*
3.	***ANDRON Flavia Călina***	*Membru - Student doctorand RNE-S*

Nr./No.	Numele şi prenumele/Last Name and First Name	Calitatea/Team role
1.	*CERNEGA Daniela Cristina*	*Persoană de contact/Contact person*

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
Joi / *Thursday*, 19.03.2026			
10:00-12:00	Discuții tehnice în cadrul comisiei de experți în evaluarea externă a calității/	- Comisia de experți evaluatori ai ARACIS/ *Panel members*	Sala/Locația/ **Room/Location Y104**

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
	Technical discussions within the expert committee for external quality evaluation		
12:00-12:50	Întâlnirea comisiei de experți în evaluarea externă a calității cu **reprezentanții conducerii componentei organizatorice/** *Meeting of the external quality evaluation experts' panel with the representatives of the management of the organisational component*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Reprezentanți ai conducerii componentei organizatorice aferente domeniului de studii de doctorat evaluat/ *Representatives of the management of the organisational component* - Persoana de contact/ *Contact person*	Sala/Locația/ **Room/Location** **Y104** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:
12:50-13:30	Întâlnirea comisiei de experți evaluatori în evaluarea externă a calității cu **echipa care a realizat raportul de evaluare internă (REI)/** *Meeting of the external quality evaluation experts' panel with the team that has drafted the internal evaluation report*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Echipa care a realizat REI/ *Team that has drafted the IER*	Sala/Locația/ **Room/Location** **Y104** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Prof. univ. dr.ing. Iuliana APRODU– funcția/ [position/title] Director Școala Doctorală de Ştiinţe Fundamentale şi Inginereşti - Conf. univ. dr.ing.Daniela CERNEGA – funcția/ [position/title] coordonator domeniu/domain coordinator
13:30-14:30	Pauză/ *Break*		

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
14:30-15:00	Discuţii tehnice în cadrul comisiei de experţi în evaluarea externă a calităţii/ *Technical discussions within the expert committee for external quality evaluation*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members*	Sala/Locaţia/ **Room/Location** Y104
15:00-16:30	Vizitarea bazei materiale/ *Visiting the material resources*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Reprezentanţi ai instituţiei sau Academiei Române, după caz/ *Representatives of the HEI or the Romanian Academy, as applicable*	
16:30-17:30	Întâlnirea comisiei de experţi în evaluarea externă a calităţii cu **studenţi** [4] **doctoranzi** din cadrul DSUD/ *Meeting of the external quality evaluation experts' panel with doctoral students of the DSUD*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Studenţi doctoranzi/ *Doctoral students*	Sala/Locaţia/ **Room/Location** Y405 Lista persoanelor care vor participa la întâlnire/ **List of participants**
17:30-17:40	Pauză/ *Break*		
17:40-18:30	Întâlnirea comisiei de experţi în evaluarea externă a calităţii cu **angajatori** ai absolvenţilor DSUD/ *Meeting of the external quality evaluation experts' panel*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Angajatori/ *Employers*	Sala/Locaţia/ **Room/Location** Y104 Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**::

[4] Nu este obligatorie în cazul autorizării domeniilor de studii universitare de doctorat/ It is not mandatory in the case of authorization of doctoral university study domain.

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
	with employers[5] of the DSUD alumni		-Luminiţa DUMITRIU Manager Wind River Systems -Liviu BELDIMAN Manager R-Systems -Laurenţu LUCA Director Smartech Automation -George Andrei MARIN Icepronav Engineering Galaţi
Vineri / *Friday*, 20.03.2026			
9:00 – 9:30	**Întâlnirea tehnică** a comisiei de experți evaluatori (Activitate în colaborare pentru clarificarea aspectelor prezentate în REI)/ *Technical meeting of the expert evaluation panel (Collaborative activity for clarifying the aspects presented in the Internal Evaluation Report – IER)*	- Comisia de experți evaluatori ai ARACIS/ *Panel members*	Sala/Locația/ **Room/Location** Y104
09:30-10:30	Întâlnirea comisiei de experți în evaluarea externă a calității cu reprezentanți ai structurilor organizatorice în domeniul asigurării calității/ *Meeting of the external quality evaluation experts' panel with representatives of the quality assurance organisational structures*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Reprezentanți ai structurilor organizatorice în domeniul asigurării calității/ *Representatives of quality assurance organisational structures*	Sala/Locația/ **Room/Location** Y 104 Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**: - Prof. univ. dr.ing. Prof. univ. dr.ing Elena MEREUŢĂ –funcția/ [position/title]Prorector Presedinte CEAC/ Vice Rector CEAC President -Prof.univ.dr.ing. Nicolera Stanciuc– funcția/ [position/title] Conducator de doctorat , membră a Compartimentului de asigurarea calității/ CEAC, Doctoral supervisor, member of CEAC

[5] Avoid inviting employers who are also staff of the HEI or members of the Romanian Academy, as applicable.

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
			- prof.dr. Simona ANTOFI Conducator de doctorat , membră a Compartimentului de asigurarea calităţii/ CEAC, Doctoral supervisor, member of CEAC - Prof.dr.ing. Camelia VIZIREANU-– Conducator de doctorat , membră a Compartimentului de asigurarea calităţii/ CEAC, Doctoral supervisor, member of CEAC - Ş.l.dr.ing. Elena SELIM funcţia/ [position/title] Prodecan, Presedinte Comisia pentru activitate didactică şi asigurarea calităţii/ Pesident of the Quality Ensurance Comision of the Faculty ACIEE
10:30 - 11:20	Întâlnirea comisiei de experţi în evaluarea externă a calităţii cu **responsabilii centrelor/laboratoarelor de cercetare** / *Meeting of the external quality evaluation experts' panel with the staff in charge with the research centres/laboratories*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Responsabilii centrelor/laboratoarelor de cercetare/ *Staff in charge with research centres/laboratories*	Sala/Locaţia/ **Room/Location** Y104 Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Conf. univ. dr.ing. Daniela Cristina CERNEGA – funcţia/ [position/title] Director Centru de cercetare Sisteme de Conducere Automata a Proceselor/The SCAP research center director
11:20 - 11:30	Pauză/ *Break*		

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
11:30 - 12:20	Întâlnirea comisiei de experţi în evaluarea externă a calităţii cu **personalul didactic** implicat în activităţile din cadrul DSUD/ *Meeting of the external quality evaluation experts' panel with the teaching staff involved in the activities within the DSUD*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Cadre didactice conducători de doctorat/ *Teaching staff who are PhD supervisors*	Sala/Locaţia/ **Room/Location** Y405 Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Prof. Univ. Dr.ing.
12:20 - 13:10	Întâlnirea comisiei de experţi în evaluarea externă a calităţii cu membri ai **Comisiei de etică universitară**/ *Meeting of the experts panel with members of the University Ethics Committee*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Membri ai Comisiei de etică universitară/ *Members of the University Ethics Committee*	Sala/Locaţia/ **Room/Location** Y104 Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Lect. univ. dr. Elisabeta SLABU Membră a Comisiei de etică universitară/ Member of the University Ethics Committee

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
			- Ş. l. univ. dr. ing. Mădălin COSTIN Membru al Comisiei de etică universitară/ Member of the University Ethics Committee - Conf. univ. dr. Ionel APOSTOLATU Membru a Comisiei de etică universitară/ Member of the University Ethics Committee
13:10-14:10	Pauză/ *Break*		
14:10-14.30	**Întâlnirea tehnică** a comisiei de experți evaluatori (Activitate în colaborare pentru clarificarea aspectelor prezentate în REI)/ *Technical meeting of the expert evaluation panel (Collaborative activity for clarifying the aspects presented in the Internal Evaluation Report - IER)*	- Comisia de experți evaluatori ai ARACIS/ *Panel members*	Sala/Locația/ **Room/Location** Y 104
14:30-15:20	Întâlnirea comisiei de experți în evaluarea externă a calității cu **reprezentanţi ai conducerii componentei organizatorice/persoana de contact/reprezentanţi ai CEAC/reprezentanţi ai structurilor organizatorice în domeniul asigurării calităţii**[6]/ *Meeting of the external quality evaluation experts' panel with representatives of the organisational component / contact person / representatives of the CEAC / representatives of quality assurance organisational structures*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Reprezentanți ai conducerii / reprezentanți ai CEAC / reprezentanți ai structurilor organizatorice în domeniul asigurării calității/ *Representatives of the management / representatives of the CEAC / representatives of the quality assurance organisational structures* - Persoana de contact/ *Contact person*	Sala/Locația/ **Room/Location** Y104 Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Prof. univ. dr.ing. Prof. univ. dr.ing Elena MEREUŢĂ –funcția/ [position/title]Prorector Presedinte CEAC/ CEAC President - Ec. Cristina Claudia PATRICHE– funcția/ [position/title] Reprezentant al Compartimentului de asigurarea calității/ CEAC representative

[6] Clarificarea unor aspecte rezultate din activitățile și discuțiile desfășurate pe parcursul efectuării vizitei, dacă se impune

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
			- Ec. Simona DĂNĂILĂ Reprezentant al Compartimentului de asigurarea calităţii/ CEAC representative
15:20-16:10	Întâlnirea comisiei de experţi în evaluarea externă a calităţii cu **absolvenţi**[7],[8] ai DSUD/ *Meeting of the external quality evaluation experts' panel with alumni*[9] *of the DSUD*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Absolvenţi ai domeniului de studii evaluat/ *Graduates*	Sala/Locaţia/ **Room/Location** **Y405** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:
16:10 - 16:30	Finalizarea activităţilor de evaluare/ *Completion of evaluation activities*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members*	Sala/Locaţia/ **Room/Location** **Y104**
16:30-17:30	Întâlnirea membrilor comisiei de experţi evaluatori cu reprezentanţii conducerii IÎS sau a OFE, după caz şi ai conducerii componentei organizatorice pentru comunicarea concluziilor procesului de evaluare/ *Meeting of the members of the expert evaluators' panel with representatives of the management of the HEI or the EP, as applicable, and*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Reprezentanţi ai conducerii şi ai domeniului de studii evaluat/ *Representatives of the management* - Persoana de contact/ *Contact person*	Sala/Locaţia/ **Room/Location** **Y104** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Conf. univ. dr. Daniela CERNEGA –Coordonator domeniu/ Domain coordinator]

[7] Se va evita invitarea absolvenţilor care sunt angajaţi ai IÎS sau ai OFE, după caz.
[8] Nu este obligatorie în cazul autorizării domeniilor de studii universitare de doctorat

[9] Avoid inviting alumni who are also staff of the HEI or members of the Romanian Academy, as applicable.

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
	management of the organisational component, to communicate the conclusions of the evaluation process		- Prof. univ. dr.Marian BARBU – Rector/ University Rector] - Prof. univ. dr. Iuliana APRODU– funcția/ [position/title] Director Școala Doctorală de Științe Fundamentale și Inginerești Prof. univ. dr.ing. Gabriela RÂPEANU – funcția/ [position/title] Director Consiliu Școala Doctorală Universitatea »Dunărea de Jos din Galaţi« -Conf.dr.ing. Răzvan ŞOLEA decanul Facultaţii ACIEE/Dean of the ACIEE Faculty

Prepared by,
Domain coordinator Daniela Cristina CERNEGA