HOTĂRÂRE

privind validarea rezultatelor procedurilor de evaluare externă a calității educației

Având în vedere prevederile generale şi specifice aferente proceselor sau procedurilor privind:

- **evaluarea externă a calităţii şi validarea rezultatelor cuprinse în Rapoartele de evaluare externă:** art. 223-226, art. 229-230 şi art. 249 alin. (1) lit. f), g) şi h) din Legea nr. 199/2023 a învățământului superior nr. 199/2023, cu modificările şi completările ulterioare, denumită în continuare Legea, precum şi în Metodologia de evaluare externă a calității educației în învățământul superior, aprobată prin Hotărârea Guvernului nr. 962/2024, cu modificările şi completările ulterioare, denumită în continuare Metodologia;

- **autorizarea** de funcţionare provizorie **pentru programele de studii universitare din ciclul I de licenţă:** art. 235 alin. (1) lit. a) şi lit. b) pct. (ii), alin. (2)-(5) şi art. 236 alin. (1)-(2) din Lege;

art. 27, art. 29 şi art. 32-33, coroborate cu art. 59, art. 62 şi art. 63 din Metodologie;

- **autorizarea pentru domeniile de studii universitare din ciclul II de masterat:** art. 235 alin. (1) lit. a) şi lit. b) pct. (iii), alin. (2)-(5) şi art. 236 alin. (1)-(2) din Lege; art. 27-29 şi art. 34-35, coroborate cu art. 59, art. 62 şi art. 63 din Metodologie;

- **autorizarea pentru domeniile de studii universitare din ciclul III de doctorat:** art. 235 alin. (1) lit. b) pct. (iv), alin. (2)-(5) şi art. 236 alin. (1) şi (3) din Lege; art. 27-29 şi art. 37-38, coroborate cu art. 59, art. 62 şi art. 63 din Metodologie;

- **acreditarea pentru programele de studii universitare din ciclul I de licenţă:** art. 239 alin. (1) lit. b) şi alin. (6)-(7), art. 240 alin. (1) din Lege; art. 39-40 şi art. 42, coroborate cu art. 60, art. 62 şi art. 63 din Metodologie;

- **acreditarea pentru domeniile de studii universitare din ciclul II de masterat:** art. 239 alin. (3) şi alin. (6)-(7), art. 240 alin. (1) din Lege; art. 39-40 şi art. 43-44, coroborate cu art. 60, art. 62 şi art. 63 din Metodologie;

- **acreditarea pentru domeniile de studii universitare din ciclul III de doctorat:** art. 239 alin. (4) şi alin. (6)-(7), art. 240 alin. (2) din Lege; art. 39-40 şi art. 46-47, coroborate cu art. 60, art. 62 şi art. 63 din Metodologie;

- **analiza şi validarea în vederea verificării respectării Metodologiei, de către comisiile de experţi evaluatori în cadrul rapoartelor de evaluare externă:** art. 235 alin. (4), pentru autorizare, respectiv art. 239 alin. (6) lit. d), pentru acreditare şi menținerea acreditării, din Lege, precum şi art. 62-63 din Metodologie.

Luând în considerare:

a. Ghidul aplicabil programelor de studii universitare de licență, aprobat prin Hotărârea Consiliului ARACIS nr. 42/06.02.2025, cu modificările şi completările ulterioare;

b. Ghidul aplicabil domeniilor de studii universitare de masterat, aprobat prin Hotărârea Consiliului ARACIS nr. 83/03.04.2025;

c. Ghidul aplicabil domeniilor de studii universitare de doctorat, aprobat prin Hotărârea Consiliului ARACIS nr. 84/03.04.2025;

Întrucât Consiliul ARACIS validează, prin vot deschis şi pe baza verificării respectării Metodologiei, propunerile formulate de către comisiile de experți evaluatori şi poate solicita refacerea Rapoartelor de evaluare externă atunci când constată că Metodologia nu a fost respectată ori respectivele rapoarte nu cuprind suficiente date şi dovezi pentru adoptarea deciziei,

Ținând seama de considerentele Consiliului aferente validării rezultatelor individualizate în procesele verbale de şedință, al căror format a fost aprobat prin Hotărârea Consiliului nr. 170/H/03.07.2025,

În temeiul art. 258 alin. (1) din Lege şi al art. 62 alin. (1) şi (2) din Metodologie, precum şi al art. 7 alin. (1) şi alin. (3) lit. b) şi h), art. 11 alin. (1) şi al art. 23 alin. (5) din Regulamentul de organizare şi funcționare al ARACIS, aprobat prin Hotărârea Consiliului ARACIS nr. 188/H/27.06.2024 şi completat prin Hotărârea nr.116/H/02.04.2026,

Consiliul Agenției Române de Asigurare a Calității în Învățământul Superior
HOTĂRĂŞTE:

Art. 1. (1) Se validează rezultatele procedurilor de evaluare externă a calității educației pentru programele de studii universitare de licență, domeniile de studii universitare de masterat şi de doctorat, precum şi pentru programul universitar de formare psihopedagogică pentru învăţământul preuniversitar, după caz, cuprinse în anexele nr. 1-23 care fac parte integrantă din prezenta hotărâre.

(2) Pentru fiecare dintre programele sau domeniile de studii universitare, anexa corespunzătoare indică, conform art. 230 alin. (2) şi alin.(3) lit. b), c) şi d), art. 231 lit. a) şi b), art. 232 lit. c), d) şi e), art. 235 alin. (1) lit. b), punctele ii-iv, alin. (3)-(5), art. 239 alin. (1) lit. b), alin. (3), (4), (6) lit. a)-d) din Lege, procesul sau procedura de evaluare parcursă, rezultatele din Raportul de evaluare externă care se validează, precum şi considerentele analizei de validitate şi concluzia motivată a Consiliului.

(3) Rezultatele prevăzute la alin. (1) se comunică Ministerului Educației şi Cercetării şi instituțiilor solicitante şi se publică pe site-ul ARACIS.

Art. 2. Analiza de validitate se exercită în limitele art. 235 alin. (4), respectiv ale art. 239 alin. (6) lit. d) din Lege şi ale art. 62 raportat la art. 63 din Metodologie.

Art. 3. Rapoartele de evaluare externă, inclusiv numele experților, se publică integral pe site-ul ARACIS, în condițiile art. 229 alin. (2) din Lege şi ale art. 62 alin. (3) din Metodologie.

Art. 4. Prezenta hotărâre intră în vigoare la data de 22.10.2026.

Art. 5. Prezenta hotărâre va fi dusă la îndeplinire de Direcția Asigurarea Calității şi de Compartimentul Tehnologia Informației.

Prof. univ. dr. ing. Cristian-Vasile DOICIN
Preşedinte

Daniela Cristina GHIȚULICĂ
Director general

Carmen MIRIAN
Director Direcţia Asigurarea Calităţii

Cristina-Vasilica ICOCIU
Director Direcția Juridică, Cooperare, Comunicare şi Formare

Consilier juridic

NR. 318/H/22.10.2026

ANEXA NR. 14
la Hotărârea Consiliului ARACIS nr. 318/H/22.10.2026

Anexa 14.1

DATE DE IDENTIFICARE	
Instituţia de învăţământ superior/organizaţia furnizoare de educaţie	Universitatea din Petroşani
Şcoala(ile) doctorală(e)	Școala Doctorală a Universității din Petroșani
Domeniul de studii universitare de doctorat (DSUD)	*Ingineria sistemelor*
Procedura/procesul de evaluare externă a calităţii educaţiei	Menținerea acreditării

DECIZIA

Descrierea pe scurt a procesului de luare a deciziei

Raportul de evaluare externă (REE) a fost analizat în ședința Comisiei permanente de specialitate Științe Inginerești 2 (CPS_C11) din 25.09.2026, propunerea de decizie fiind consemnată în PV nr. **4826/25.09.2026.** Propunerea de decizie a fost analizată de către Departamentul de evaluare Studii Universitare (DESU), opinia DESU fiind consemnată în PV nr. **5321/ 20.10.2026**

Gradul de îndeplinire a standardelor şi indicatorilor de performanţă şi motivarea deciziei

(se indică cifrele care stau la baza luării deciziei Consiliului ARACIS)

Domeniul	Standarde Î / N	Indicatori de performanţă Î / PÎ / N
A	**Î:** S.A.1.1, S.A.1.2., S.A.2.1., S.A.2.2., S.A.3.1., S.A.3.2., S.A.4.1. N: -	**Î:** I.P.A.1.1.1, I.P.A.1.2.1, I.P.A.2.1.1, I.P.A.2.2.1, I.P.A.3.1.1, I.P.A.3.1.2, I.P.A.3.2.1, I.P.A.4.1.1 PÎ:- N: -
B	**Î:** S.B.1.1., S.B.2.1., S.B.3.1., S.B.3.2., S.B.4.1., S.B.5.1., S.B.7.1., S.B.7.2., S.B.8.1., S.B.9.1., S.B.9.2. N: -	**Î:** I.P.B.1.1.1., I.P.B.2.1.2, I.P.B.3.1.1, I.P.B.3.1.2, I.P.B.3.2.1, I.P.B.4.1.1., I.P.B.5.1.1, I.P.B.5.1.2, I.P.B.7.1.1, I.P.B.7.1.2, I.P.B.7.2.1, I.P.B.8.1.1, I.P.B.9.1.1, I.P.B.9.2.1 PÎ:- N: -
C	**Î:** S.C.1.1, S.C.1.2, S.C.2.2., S.C.3.1, S.C.4.1., S.C.5.1., S.C.6.1., S.C.8.1 N: -	**Î:** I.P.C.1.1.1, I.P.C.1.2.1, I.P.C.2.2.2, I.P.C.3.1.1, I.P.C.3.1.2, I.P.C.4.1.1., I.P.C.5.1.1, I.P.C.6.1.1, I.P.C.6.1.2, I.P.C.8.1.1 PÎ:- N: -

Motivarea deciziei

Consiliul ARACIS în şedinţa din 22.10.2026 analizează şi validează propunerea comisiei de experţi în evaluarea externă a calităţii, constatând că din:

- *32 indicatori: 32 sunt îndepliniți, 0 parțial îndeplinit şi 0 neîndepliniți*
- *26 standarde: 26 sunt îndeplinite, 0 neîndeplinite,*

*şi, astfel, prin aplicarea art. 63 din Metodologie decide că **standardele sunt ÎNDEPLINITE.**şi, astfel, prin aplicarea art. 63 din Metodologie decide că **standardele sunt ÎNDEPLINITE.***

Decizia	Menţinerea acreditării

The Romanian Agency for Quality Assurance in Higher Education



External Evaluation Report (REE) for the procedure for evaluation of Doctoral School

Higher Education Institution/Education Provider Organization:	University of Petrosani
Doctoral School:	Doctoral School of IOSUD UP
Doctoral Domain:	Systems Engineering
The objective of the external evaluation:	Maintaining accreditation (MAC)

Members of the ARACIS Evaluation Panel

No.	Last Name and First Name	Team role	Signature
1.	Prof. Habil. Dr. Ing. Valentina Emilia Bălaş	Expert evaluator	
2.	Prof. Dr. Habil. Gabor Kiss	International Expert	
3.	Maria Emilia Oancea	PhD Student Evaluator	

I. Introduction

The external evaluation report was drafted in the context of the procedure for maintaining the accreditation of the doctoral study domain Systems Engineering, organized by IOSUD – University of Petrosani (UP), within the Doctoral School. The evaluation concerns the period 2021-2025 and is based on the internal evaluation report submitted by the institution, its supporting documents and annexes, supplementary clarifications requested by the ARACIS panel, and the external evaluation visit carried out on 3-4 September 2026. The ARACIS evaluation panel consisted of Prof. Habil. Dr. Ing. Valentina Emilia Bălaș, expert evaluator and chair of the panel, Prof. Dr. habil. Gabor Kiss, international expert evaluator, and Maria Emilia Oancea, doctoral student evaluator.

The University of Petroşani is a public higher education institution with legal personality, operating in accordance with the principles of university autonomy and public accountability. Its activities are governed by the Constitution of Romania, Higher Education Law No. 199/2023, as subsequently amended and supplemented, the University Charter, and the regulations issued by the Ministry of Education and Research, ARACIS, ANC, ANCS, CNCS, and other competent authorities in the field of higher education.
The University traces its origins to the reorganization of Romanian education in 1948. Decree No. 175/1948 and the Decision of the Minister of Public Education, published in Official Gazette No. 249 of 26 October 1948, established several institutions specializing in geology, mining, and mineral resources. These included the Institute of Geology and Mining Technology in Bucharest, the Institute of Ferrous Minerals in Timişoara, the Institute of Non-Ferrous Minerals in Brad, and the Coal Institute in Petroşani, which included the Faculty of Coal Mining and Preparation.
In 1952, the institutes in Timişoara and Brad were dissolved, and their students were transferred to the Mining Institute in Bucharest. This institution was formed through the consolidation of the Institute of Geology and Mining Technology with the mining institutes previously operating in Timişoara and Brad.
In 1957, Romania's entire higher education system in the field of mining was transferred to the Mining Institute in Petroşani. The institution was renamed the Technical University of Petroşani in 1991 and, in 1995, became the University of Petroşani.
Over more than 75 years of activity, the University of Petroşani has undergone continuous development. Its current institutional profile and main operational indicators can be summarized as follows:

- The academic structure comprises three faculties, seven teaching departments, and IOSUD, which includes one doctoral school.
- The educational portfolio consists of 23 bachelor's programs, 23 master's programs, and four doctoral fields.
- Research activities are conducted through nine institutionally certified research centers operating within the faculties.
- As of 1 October 2025, 4,313 students were enrolled in degree programs: 3,181 at bachelor's level, 1,006 at master's level, and 126 in doctoral studies. A further 579 learners participated in other forms of education, while 252 of the University's students were international.
- The University employed 142 full-time academic staff: 19 professors, 42 associate professors, 72 lecturers, and nine teaching assistants.

The University of Petroşani currently comprises three faculties: the Faculty of Mining, the Faculty of Mechanical and Electrical Engineering, and the Faculty of Economic, Administrative and Social Sciences. Together, they offer 22 bachelor's and 22 master's degree programs, alongside a range of postgraduate programs.
Doctoral education is organized through the University's Doctoral School, IOSUD-UP, which provides four doctoral programs in engineering fields. The University also offers Level I and Level II teacher-training programs through its Department for Teacher Training. Its academic structure further includes the Erasmus+ Office and the College for Non-University Tertiary Education (CITN-UP).
The doctoral school within the University of Petroşani was established by Decision no. 14 of the University Senate of 25.11.2009 and is coordinated by the Director of *(CSUD)*, Director of the Doctoral School and *(CŞD)*. Within the University of Petroşani, the Doctoral School has the status of a department, has its own

budget of income and expenses, within the limits of the internal norms of UP and the decisions of the Board of Directors. The Doctoral School is the organizational subdivision within which the third cycle of advanced university training is carried out.
The University of Petroşani, as the Organizing Institution of Doctoral University Studies (IOSUD), organizes the doctorate in the branch of Engineering Sciences, in the following fields: Mines, Oil and Gas; Industrial Engineering; Systems Engineering and Engineering and Management.
In the academic year 2025-2-26 and the field of Systems Engineering there are 3 doctoral supervisors and 9 doctoral students.
The *Systems Engineering* field provides future graduates with an advanced approach based on acquiring knowledge and practical skills specific to automation, computer science, mathematical modeling, statistical studies, by finding innovative solutions and new tools for solving identified problems. The field of expertise of the doctoral supervisors is based on the following research areas: electric actuator control systems, robot control systems, renewable energy systems, biomedical systems, prediction systems based on big data processing, data communication systems.
Research directions**:** Electric drive control; Medical robots; Autonomous vehicles/systems; Communication systems. The interdisciplinary doctoral scientific research conducted is supported by the Center of research (CC MTSMCPM) and the Interdisciplinary Excellence Research Center ExcelUP.
There are currently 24 doctoral supervisors working in the IOSUD-UP Doctoral School. In the Systems Engineering domain there are two full-time supervisors and one associate. The evolution of the total number of the doctoral students in the last 5 years in the Systems Engineering domain is:

2021/2022	2022/2023	2023/2024	2024/2025	2025/2026
18	14	16	18	18

II. Methods used

The external evaluation process was conducted based on a comprehensive analysis of the internal evaluation report prepared by IOSUD-UP for the doctoral study domain of Systems Engineering (SE), together with the annexes and supporting documentation provided by the institution. In parallel, the evaluation panel reviewed the publicly available institutional information published on the University of Petroşani and IOSUD-UP websites, including regulations, methodologies, operational procedures, CSUD documentation, doctoral-school regulations and information, admission procedures, quality assurance and ethics frameworks, information regarding doctoral supervisors, doctoral theses, research infrastructure, as well as other publicly accessible materials relevant to the assessed doctoral domain.

Furthermore, the panel considered the additional clarifications discussed on site with UP.

The evaluation process also comprised the external site visit carried out at the University of Petroşani during 3-4 September 2026. Throughout the visit, the evaluation panel conducted working sessions and technical discussions within the expert team and held meetings with representatives of the institutional leadership, members of the team responsible for drafting the internal evaluation report, representatives of quality assurance structures, doctoral supervisors and academic staff involved in the doctoral domain, doctoral students, alumni, employers, research center and laboratory coordinators, as well as representatives of the University Ethics Committee. In addition, the panel inspected the material resources and research infrastructure supporting doctoral activities within the Systems Engineering domain.

The site visit agenda included technical meetings within the ARACIS evaluation panel, discussions with the management of the organizational component, meetings with the internal evaluation team and quality assurance representatives, consultations with doctoral supervisors, teaching staff, doctoral

students, alumni and employers, visits to research laboratories and material infrastructure relevant to doctoral studies, discussions with research center coordinators and members of the Ethics Committee, concluding working sessions of the panel, and a final meeting with the representatives of the institution and the evaluated doctoral domain in order to communicate the preliminary findings of the evaluation.

The final assessment was based on the information obtained from the internal evaluation report, annexes, publicly available institutional documentation, supplementary clarifications, and direct observations collected during the evaluation visit. Particular attention was devoted to verifying the consistency between documentary evidence and the actual functioning of the doctoral domain, including the organization of doctoral studies, the adequacy of human and material resources, the quality of research infrastructure, doctoral-student experience, internal quality assurance mechanisms, ethics and academic integrity practices, stakeholder engagement, internationalization activities, and the implementation of recommendations formulated during previous ARACIS evaluations.

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.

The SE doctoral domain within IOSUD-UP operates under a clearly defined institutional and regulatory framework, supported by established governance structures, regulations, and operational procedures. The internal evaluation report and the public IOSUD documentation confirm the existence of an adequate organizational framework, including doctoral regulations, quality-assurance mechanisms, and operational procedures, which support the effective organization and periodic monitoring of doctoral studies. Overall, the doctoral domain benefits from a coherent management system that ensures the proper functioning and continuous improvement of doctoral activities.

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* and of other stakeholders are considered in the process of adopting and revising methodologies, regulations and implementation procedures.

* The faculty, department, subsidiary, extension - hereinafter "organisational components"

The development, approval, and revision of methodologies and regulations governing the study programs offered within IOSUD-UP are based on a consultative and inclusive approach. These processes respect university autonomy and take into account the perspectives of academic staff, doctoral students, and other relevant stakeholders, including research partners, representatives of the socioeconomic environment, and civil society organizations. At the University of Petroşani, these actors are involved through committees with clearly defined responsibilities, comprising representatives of both academic staff and students. The doctoral fields within IOSUD-UP are approved, monitored, and periodically evaluated in accordance with the legislation in force and the University's internal procedures, including the *Procedure for the Internal Evaluation and Monitoring of the UP Doctoral School* and the *Operational Procedure for the Periodic Internal Evaluation of Existing Study Programs*.

The indicator is: fulfilled

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.

The University of Petroşani benefits from a comprehensive and diversified infrastructure that provides appropriate conditions for teaching, research, administrative operations, and student support services. Its facilities include teaching and administrative spaces, modern laboratories, libraries, research centers, sports facilities, student accommodation, and various social and recreational areas.

IOSUD-UP benefits from a well-developed campus covering approximately 10 hectares and comprising 22 university-owned buildings dedicated to teaching, research, administration, accommodation, and student services. The educational infrastructure includes lecture and seminar rooms, 117 specialized laboratories, an auditorium, five recently renovated student dormitories offering 680 places, a student restaurant, sports and cultural facilities, and a medical office. Dedicated facilities have also been provided to ensure accessibility for persons with disabilities.

The Central University Library provides 200 reading places and access to more than 286,000 volumes, an online catalogue containing over 50,000 bibliographic records, and major scientific databases, including Scopus and Web of Science. Students also benefit from the Universitas Publishing House, the Academis e-learning platform, Microsoft Teams, and Office 365.

Research activities are supported by nine research centres and several specialized laboratories. Recent infrastructure projects have modernized numerous teaching and research facilities, while the SmartUPET project has provided advanced digital equipment for 15 teaching laboratories and 11 research centres or laboratories. Doctoral students may also access the facilities of INCD-INSEMEX Petroşani and, through international agreements and the EURECA-PRO Alliance, the research infrastructure of partner universities across Europe.

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.

IOSUD-UP ensures the effective maintenance and sustainable management of the facilities and equipment used by its Doctoral School. Dedicated administrative services provide regular cleaning, repairs, building maintenance, internet access, and modern amenities across teaching rooms, laboratories, academic offices, the library, and research spaces.

Infrastructure management is supported by appropriate budget planning and annual investment programmes aligned with institutional needs. Renovation and development measures also focus on improving energy efficiency and accessibility. Overall, the available facilities are appropriately maintained, efficiently used, and adapted to the specific requirements of doctoral education and research, supporting doctoral students and supervisors in accordance with established quality standards.

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.

DSUD –Systems Engineering has adequate human resources, the quality and relevance of academic activity being supported also by publishing the CVs of teaching staff on the Doctoral School website, in accordance with the Higher Education Law no. 199/2023.

The internal evaluation report further indicates the involvement of academic staff in the advanced training component of doctoral studies and highlights the role of the academic guidance and integrity committees in supporting and monitoring the doctoral students' individual research programs. Overall, the human resources available to the Systems Engineering doctoral domain are adequate for the organization and effective functioning of doctoral studies.

The indicator is: fulfilled

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

The professional and personal development of the staff involved in doctoral studies within the Systems Engineering doctoral domain is supported through the institutional framework of UP, which promotes continuous professional development, research excellence, and internationalization. According to the internal evaluation report, academic staff benefit from opportunities for scientific research, participation in national and international projects, training activities, academic networking, and mobility schemes, including Erasmus+ programs and institutional partnerships.

The University of Petroșani promotes internationalization through Erasmus+ and the EURECA-PRO Alliance. IOSUD-UP has developed international partnerships and mobility opportunities for doctoral students and supervisors, providing access to training, research placements, seminars, summer schools, and scientific events abroad. Overall, 35 doctoral students and 29 doctoral supervisors participated in Erasmus+ mobility programmes.

The University of Petroşani supports the continuous professional development of its academic, research, administrative, and support staff through annual training plans, national and international courses, mobility programmes, and externally funded projects. Recent initiatives have focused on digital teaching methods, quality management, entrepreneurship, educational technologies, and innovative pedagogies.

IOSUD-UP also promotes career advancement, habilitation for doctoral supervision, Erasmus+ mobility, and participation in EURECA-PRO professional-development activities. Research performance is encouraged through financial support of up to EUR 3,000 per article published in prestigious indexed journals. Between 2021 and 2024, the University allocated approximately RON 3.1 million to supporting scientific research and publication.

At the same time, doctoral studies within IOSUD-UP operate in a structured institutional environment supported by periodically updated regulations, operational procedures, and publicly available institutional documents. The continuous revision of doctoral regulations and methodologies, together with the integration of quality assurance mechanisms and research support structures, contributes to the professional development and sustained academic engagement of the staff involved in the doctoral domain.

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.

All teaching staff involved in the Systems Engineering doctoral field meet the applicable legal and academic requirements. Recruitment, promotion, and affiliation to IOSUD-UP are conducted transparently, through publicly announced competitions and Senate-approved procedures aligned with national legislation. Fixed-term and associate staff must satisfy the same minimum performance standards as permanent employees. Doctoral students may also undertake remunerated teaching activities within the legally permitted workload.

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.

Digitalization represents a strategic priority for the Doctoral School and the University of Petroşani, guided by the University's Digitalization Strategy for 2022–2030. Digital tools support teaching, research, communication, administrative activities, and access to academic resources. Institutional email, the University and Doctoral School websites, and the Library's online catalogue facilitate communication and provide access to specialized publications and scientific databases.

The University's integrated information system includes online admission, the University Management System, the Academis e-learning platform, an alumni module, an online tuition-payment service, and other administrative applications. Microsoft Office 365 provides doctoral students and staff with access to OneDrive, Outlook, Teams, and collaborative applications, improving information exchange and teamwork. Institutional transparency is also supported by publishing decisions of general interest through the intranet and official websites.

Digital research capacity has been strengthened through major infrastructure projects. The SmartUPET project equipped 15 teaching and research laboratories with modern digital technologies, established or upgraded 11 research centers and laboratories, and provided a high-performance data center. Additional investments in cloud and Big Data infrastructure have enhanced data processing, research, and innovation capabilities. The ongoing cybersecurity sandbox project will further support the testing of artificial intelligence solutions. Overall, these measures improve accessibility, automate administrative processes, reduce operational errors, and align doctoral education and research with current international standards.

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* 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.

IOSUD-UP organizes its doctoral programs in accordance with the Romanian National Qualifications Framework and Level 8 of the European Qualifications Framework. The intended learning outcomes define the knowledge, skills, responsibility, and autonomy that doctoral students must acquire through coursework and research. Program content is periodically reviewed with the involvement of academic staff, research institutions, employers, graduates, and doctoral students. Systems Engineering doctoral studies primarily aim to develop advanced scientific research competencies while responding to labour-market needs.

Doctoral training comprises two components: the Advanced University Studies Programme (PPUA) and the Individual Scientific Research Programme (PICS). The PPUA is delivered during the first semester through courses, seminars, and laboratories, offering flexible learning pathways and optional subjects. Mandatory training includes ethics and academic integrity, research methodology, doctoral thesis preparation, and intellectual property. Course descriptions specify learning objectives, content, assessment methods, credits, and bibliography.

The doctoral program normally lasts four years and comprises 240 ECTS credits. During the research component, doctoral students prepare and present at least one progress report in each of years II–IV. Their progress is assessed at least annually by the doctoral supervisor and the academic guidance and integrity committee. Assessment combines continuous and summative evaluation. The doctoral thesis undergoes similarity checking and evaluation by a committee of at least five members, including at least two external reviewers, before being defended in a public session.

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.

* The term “programs” concerns the external quality evaluation for the study programs contained in a master/doctoral domain. The term “program” shall be used hereinafter.

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).

IOSUD-UP adopts a competency-based approach to doctoral education, aiming to improve graduates' employability and facilitate their integration into the labour market. Doctoral programs are designed and periodically revised in accordance with national and European frameworks, including CNC, RNCIS, EQF, ESCO, ISCED 8, and ISCO-08. Their learning outcomes are correlated with occupational standards and the competencies required by relevant public and private-sector positions at national and European levels.

Socio-economic stakeholders are consulted during the development, monitoring, and revision of curricula through the University's established procedures and Advisory Council. Graduate employment monitoring and satisfaction questionnaires are also used to evaluate the relevance of the competencies acquired and to inform subsequent curriculum improvements.

The expected learning outcomes cover knowledge, advanced skills, and autonomy and responsibility. They focus on the ability to conduct original and innovative research, perform advanced analysis, synthesis, and critical evaluation, contribute to scientific knowledge through publications, and pursue careers in academia, research, and other highly qualified professional fields.

The indicator is: fulfilled

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.

IOSUD-UP promotes a student-centred approach to doctoral education, based on active learning, flexibility, equal opportunities, and shared responsibility for achieving the expected learning outcomes. Teaching staff in the Systems Engineering doctoral field use modern methods such as problem-solving, project-based and discovery learning, teamwork, debates, experiments, and continuous assessment. Optional and elective disciplines enable doctoral students to adapt their educational pathway to their research interests and professional objectives. The educational process is supported by modern laboratories, electronic resources, the e-learning platform, and online communication tools.

Doctoral students are regarded as partners and full members of the academic community. Their rights, responsibilities, complaint procedures, assessment criteria, and minimum performance standards are clearly regulated and communicated through institutional documents, doctoral study contracts, course descriptions, and the Doctoral School's website. They are also represented in the University's and Doctoral School's decision-making and quality-assurance structures.

Close cooperation with supervisors and academic guidance and integrity committees supports research progress, autonomy, and critical thinking. Student evaluations generally indicate a positive perception of teaching quality, academic communication, teamwork, and staff availability. Continuous assessment is used to monitor progress and identify the need for remedial support.

IOSUD-UP also provides career counselling, tutoring, personal-development activities, scholarships, publication funding, international mobility opportunities, and support for students with learning difficulties or special needs. Doctoral research is further encouraged through annual scientific symposia, where students present their findings and outstanding contributions are recognized.

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.

The University of Petroşani promotes internationalization through the Erasmus+ programme and the EURECA-PRO European University Alliance. Following the renewal of its ECHE Charter for 2021–2027, the University expanded its cooperation network to 58 Erasmus+ interinstitutional agreements, including partnerships with institutions outside Europe.

IOSUD-UP implements measures to increase the participation of doctoral students and supervisors in international mobility programmes. Through EURECA-PRO 2.0 and its Doctoral School, they have access to research placements, doctoral seminars, lecture series, summer schools, scientific conferences, and the PhD Journey programme. Overall, 35 doctoral students, including eight from Systems Engineering, and 29 doctoral supervisors, including four from Systems Engineering, participated in Erasmus+-funded mobility activities.

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

IOSUD-UP identifies doctoral students' individual learning and research needs through observation, assessment results, analysis of completed work, questionnaires, and individual discussions. Teaching methods, learning resources, task complexity, working time, and academic support are subsequently adapted to each student's abilities. Doctoral students may select optional disciplines, participate in additional learning activities, request clarification and counselling, and benefit from measures intended both for high-performing students and those experiencing learning difficulties.

Equal rights and opportunities are guaranteed through the doctoral study contract. Students receive supervision and guidance, contribute to their individual study plan, and may request a change of supervisor or adjustments to the duration of their studies. They have access to research infrastructure, libraries, international databases, research teams, interdisciplinary projects, courses offered by other doctoral schools, and national or international mobility programmes. IOSUD-UP also supports internships, participation in scientific events, involvement in institutional decision-making, and remunerated teaching activities, in accordance with the applicable regulations.

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.

IOSUD-UP provides students with educational, technological, counselling, and career-development resources adapted to their individual needs. Through CCOC-UP and CRESC-UP, students benefit from mentoring, psychological counselling, remedial education, and support for preventing dropout. Learning

is further supported by university libraries, scientific databases, and digital platforms such as the University Management System, Academis, Microsoft Teams, and Low Code Job Router. Doctoral students may also receive scholarships and, when justified, request the extension or interruption of their studies or the early defence of their thesis.

The university promotes equal access for students with disabilities or specific learning difficulties. Existing facilities include access ramps, lifting platforms, a mobile stairlift, adapted parking spaces, accessible website functions, and alternative examination methods. Further investments provide Braille printing and display equipment, text-to-speech scanners, accessible signage, adapted accommodation, ramps, and elevators in teaching, administrative, library, and residential buildings.

Students also have free access to printed and electronic library resources, international scientific databases through ANELIS Plus and Enformation, as well as modern accommodation, dining, cultural, social, and sports facilities. These measures contribute to an inclusive academic environment and equitable participation in doctoral education.

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.

IOSUD-UP defines the learning outcomes of its doctoral programs in accordance with the National Qualifications Framework, ARACIS requirements, occupational standards, and institutional educational policies. They are integrated into curricula and subject syllabi, which establish clear connections among expected competencies, course content, individual or team learning activities, and assessment methods.

At both doctoral-field and discipline levels, learning outcomes are formulated according to Level 8 qualification requirements and cover professional and transversal competencies related to knowledge, skills, autonomy, and responsibility. They include advanced understanding and use of specialized concepts, problem-solving, critical reflection, creativity, innovation, social interaction, and professional development. This coherent formulation clarifies expectations for doctoral students and teaching staff, supports a student-centred learning process, and ensures alignment with relevant occupational requirements and the European Classification of Occupations.

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.

IOSUD-UP applies rigorous, transparent, and consistent procedures for examining and grading doctoral students. Assessment methods are aligned with the intended learning outcomes and combine continuous and summative evaluation through written or oral examinations, colloquia, projects, case studies, progress reports, and other activities that encourage critical thinking, creativity, teamwork, and practical research skills. The methods, criteria, and minimum requirements are specified in the subject syllabi and communicated to doctoral students at the beginning of each semester and through the Doctoral Student Guide.

Institutional regulations also govern appeals, re-examinations, medically postponed examinations, credit examinations, academic fraud, and the recording and certification of results. Doctoral studies are completed through the public defence of the thesis before a committee of at least five qualified members, including at least two external specialists. The decision to award the doctoral degree is based on the public

defence, reviewers' reports, originality declaration, similarity analysis, and compliance with national minimum standards.

Academic integrity is supported through mandatory ethics training and systematic plagiarism prevention. The *Sistemantiplagiat.ro* software is used not only for doctoral theses but also for doctoral students' scientific papers and research reports.

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.

IOSUD-UP applies a transparent, competitive, and publicly announced admission process for doctoral studies, in accordance with national legislation and institutional regulations. The admission methodology, available places, doctoral supervisors, proposed research topics, eligibility conditions, required documents, and competition timetable are published at least six months in advance. Applications may be submitted in person or online, and a second admission session may be organized if places remain available.

Candidates must hold a master's degree or equivalent qualification and have accumulated at least 300 ECTS credits across their bachelor's and master's studies. The admission competition consists of an eliminatory foreign-language proficiency test, requiring at least Level B, and a specialized interview based on a doctoral research proposal. The proposal is evaluated according to its scientific relevance, objectives, methodology, expected results, presentation quality, and the candidate's responses.

The final admission average combines the bachelor's examination result (25%) and the specialized interview grade (75%). Candidates must obtain a minimum average of 7.00 and are admitted in descending order of their results, within the available places. Admission results are validated by the Doctoral School Council and CSUD. Successful candidates acquire doctoral-student status after formal enrolment and the signing of the doctoral study contract, which establishes the rights, obligations, and conditions of their academic pathway.

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.

Admission to IOSUD-UP doctoral programs follows the principles of equity, equal opportunity, and non-discrimination. Candidates are selected exclusively on the basis of academic competence and ranked according to their final admission results. The University provides support for vulnerable and underrepresented groups, reserving at least 25 state-funded places for graduates belonging to national minorities, the social protection system, and persons with disabilities. Admission of international candidates is conducted under the applicable national regulations. Future measures aim to improve the visibility of these opportunities through broader information campaigns and more accessible online materials.

The doctoral program is established by the supervisor in consultation with the doctoral student and approved by the Doctoral School Council through an Individual Doctoral Research Plan. During the first semester, doctoral students complete a 14-week Advanced University Studies Programme worth 30 ECTS credits. Their subsequent activities include scientific research, technological development, courses, seminars, laboratory work, and assessment.

The organization, duration, mobility, funding, thesis defence, academic integrity, and quality assurance of doctoral studies are regulated through Senate-approved institutional procedures. Throughout the program, each doctoral student is supported by the supervisor and an academic guidance and integrity committee.

Recommendation: It is recommended to clearly communicate the candidate ranking criteria and the allocation rules for budget-funded, scholarship-funded and tuition-fee places before the admission process.

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.

The doctoral study program is established by the doctoral supervisor in consultation with the doctoral student and approved by the Doctoral School Council through the Individual Doctoral Research Plan. During the first semester, doctoral students complete a 14-week Advanced University Studies Programme (PPUA), comprising courses, seminars, laboratories, and other training activities, for which they receive 30 ECTS credits.

The University Senate annually approves the structure of the academic year and the institutional regulations governing doctoral studies. These regulations cover the organization and duration of the program, study contracts, advanced training and scientific research, funding, academic mobility, admission, thesis preparation and public defence, the award of the doctoral degree, academic integrity, and quality assurance. Doctoral students participate in teaching, practical, research, technological development, and assessment activities relevant to their doctoral field. Throughout their studies, they receive support from both the doctoral supervisor and the academic guidance and integrity committee.

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.

IOSUD-UP consistently promotes the integration of doctoral students and staff into the European academic, technological, and cultural environment through Erasmus+ mobility and international cooperation. Its internationalization activities are guided by the University's 2020–2027 strategy and annual operational plans and coordinated by the Erasmus+ Office. The University has concluded 40 bilateral agreements with universities and research institutions, supporting academic exchanges, documentation, training, and joint research activities.

Between 2021 and 2025, 29 teaching staff affiliated with the Doctoral School participated in international mobility programmes, delivered courses, and presented or published research at scientific events. Internationalization was further strengthened through European and nationally funded projects focused on responsible consumption and production, heritage innovation, multicultural cooperation, digital transformation, and sustainable academic development.

The international dimension of doctoral education is also reflected in thesis activities. During the evaluated period, five doctoral theses were defended in English and two in French, while eight international doctoral students successfully completed their studies. One thesis was prepared under international co-

supervision, and foreign experts participated in two public doctoral defence committees, including one in Systems Engineering.

Recommendation: Promote the internationalization of the doctoral domain through targeted mobility schemes, joint supervision initiatives, international research partnerships, and enhanced accessibility of English-language institutional information.

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.

IOSUD-UP integrates scientific research into doctoral education through institutional strategies that promote research-based learning. Doctoral students have access to scientific databases and participate in research projects, conferences, scientific sessions, and applied activities. Their research is primarily organized through the Individual Doctoral Research Plan, which supports the development of the thesis and the acquisition of Level 8 competencies in research methodology, scientific documentation, data analysis, critical interpretation, and dissemination of results.

The Doctoral School systematically monitors the scientific output of doctoral students. They present and publish their work at national and international scientific events, contribute to university journals and student publications, and collaborate with academic staff on research papers. Research findings are also incorporated into courses, practical guides, teaching materials, and recommended bibliographies, ensuring a close connection between research and education.

The scientific publications of the Systems Engineering academic staff are indexed in major international databases, including Web of Science, Scopus, and DOAJ. Research capacity is further supported by national and European projects funded through Horizon, PNCDI, PoCIDIF, and the Institutional Development Fund. The University publishes an annual report summarizing the research results achieved by its academic community.

Recommendation: Maintain support for doctoral students in identifying appropriate, internationally recognized publication venues and promoting publication in high-impact indexed journals.

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.

IOSUD-UP's Research Strategy for 2025–2029 focuses on strengthening research capacity, improving scientific performance, developing research and innovation infrastructure, increasing the dissemination and international visibility of results, and attracting additional funding. These objectives are supported through institutional policies, specialized infrastructure, participation in national and European projects, and the organization of internationally recognized conferences such as SIMPRO, BALKANMINE, EnviroMining, SESAM, and the International Conference on Responsible Consumption and Production.

The Doctoral School has mechanisms for capitalizing on doctoral research through publications, conference presentations, patents, technology transfer, and participation in research projects. In Systems

Engineering, doctoral students and recent graduates produced 191 scientific outputs during the evaluated period, including 53 Web of Science-indexed papers, 95 publications in other international databases, 42 conference papers, and one book or book chapter. Moreover, 11 doctoral theses were publicly defended, all subsequently validated by CNATDCU.

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

IOSUD-UP has clearly defined policies, structures, and procedures for quality assurance at university, Doctoral School, faculty, and department levels. The Commission for Quality Evaluation and Assurance (CEAC) coordinates and monitors internal evaluation processes, compliance with legal requirements and quality standards, staff training, and the quality of educational and research services. Continuous improvement is supported through internal and external evaluations, satisfaction surveys, performance indicators, and consultation with students, employers, and other stakeholders. Academic and research ethics are monitored by the University Ethics Commission and the Research Ethics Subcommittee.

Quality assurance is based on the 2024–2029 Strategic Plan, the annual Operational Plan, the Quality Assurance Policy, and the associated action plan. The Doctoral School and its doctoral fields are evaluated annually according to an internal monitoring procedure, while doctoral supervisors undergo periodic assessment based on their scientific results. Supervisors who do not achieve at least 25% of the score required by the applicable minimum CNATDCU habilitation standards cannot participate in doctoral admission sessions until the next evaluation.

The results of these evaluations are recorded in periodic quality reports and the Doctoral School's annual activity reports. Following the periodic internal evaluation, one doctoral supervisor was disaffiliated, while three others lost the right to propose new doctoral research topics.

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.

IOSUD-UP ensures the active participation of relevant stakeholders in quality assurance, academic ethics, and university governance. Doctoral students, graduates, teaching staff, employers, and representatives of the socioeconomic environment are involved in decision-making and consultative structures. Regular dialogue with employers supports the adaptation of study programs to labour-market requirements, while feedback from graduates contributes to improving educational provision and student support services.

Stakeholder responsibilities are defined through the University Charter, institutional regulations, Senate and administrative decisions, and the specific rules governing CEAC, CEU, DAC, CSUD, and

CSD. Representatives of relevant stakeholder groups participate in management, administrative, and quality-assurance structures in accordance with legal requirements.

Responsibility for quality rests with both institutional management and individual staff members. Educational and research activities are monitored continuously and systematically to identify non-conformities and implement preventive or corrective measures. The results of these processes, including stakeholder involvement, are documented in the Doctoral School's annual reports and the University's internal quality-assurance and self-evaluation reports.

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.

The University of Petroşani has a Code of University Ethics and Deontology that establishes the moral standards, responsibilities, and mandatory rules of academic conduct. Its implementation is supervised by the University Ethics and Deontology Commission, which operates independently under Law No. 199/2023 and its own Senate-approved regulations. A dedicated subcommittee monitors the application of research ethics policies.

The Commission is responsible for preventing, investigating, and resolving breaches of academic ethics and deontology. Its activities include measures against plagiarism, xenophobia, hate speech, antisemitism, gender discrimination, and other forms of discrimination, based on the University's specific strategies, procedures, and codes of conduct. Each year, the Commission prepares a public report on compliance with academic ethics and deontology standards, which is submitted to the Rector and the University Senate.

Recommendation: Promote the responsible integration of artificial intelligence in doctoral studies through the development of institutional guidance covering research, academic writing, evaluation, and thesis preparation.

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.

IOSUD-UP applies a coherent regulatory framework for initiating, approving, monitoring, and periodically evaluating its study programs. This framework ensures alignment with academic standards, labour-market developments, and stakeholder expectations. Specific procedures govern curriculum design, learning outcomes, teaching and assessment, plagiarism prevention, scientific research, grants, publication support, knowledge transfer, intellectual property, research centres, and the evaluation of students and teaching staff.

New study programs are initiated on the basis of opportunity studies that examine labour-market needs, consult employers, and compare similar national and international programs. Proposals are assessed by the relevant academic bodies and receive final approval from the University Senate.

Program monitoring uses data on academic performance, completed theses, student satisfaction, and the effectiveness of research and development activities. Periodic reviews involve teaching staff, doctoral students, graduates, and employers and may lead to updated course content, new disciplines, and revised teaching and assessment methods. The results are documented in internal evaluation and annual quality reports and incorporated into curricula, learning outcomes, and subject syllabus.

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.

IOSUD-UP maintains continuous dialogue with doctoral students, academic staff, graduates, employers, and international partners to ensure the transparent and participatory development of doctoral programs. Stakeholders contribute to program design, approval, monitoring, and periodic review through representation in university governance and quality-assurance structures, consultation meetings, satisfaction surveys, academic cooperation, internships, and partnerships with the socioeconomic environment.

Doctoral students have significant representation in CSUD, CSD, the Administrative Council, the University Senate, CEAC, and the University Ethics Commission, enabling them to participate directly in decisions concerning study programs and university life. Feedback from the academic community and labour-market representatives is used to update curricula annually and align graduate competencies with emerging professional requirements.

As a result, new optional disciplines have been introduced across the doctoral fields. In Systems Engineering, these include *Artificial Intelligence Techniques* and *Advanced Process Management Algorithms*. These activities are also supported by the institutional Advisory Council for Public–Private Partnership, reinforcing IOSUD-UP's commitment to quality, ethics, relevance, and academic excellence.

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.

IOSUD-UP periodically evaluates students' satisfaction with teaching, research, student services, and university infrastructure. Students assess teaching staff anonymously at the end of each semester, considering teaching effectiveness, clarity, interaction, and the use of educational resources. The results are processed by the Quality Assurance Department, discussed within departments, and published in centralized form on the University's website.

The periodic evaluation of teaching and research staff combines four components: self-evaluation, peer evaluation, annual managerial evaluation, and semester-based student evaluation. The results are analyzed at department, faculty, and university levels, discussed individually with staff members, and used to formulate measures for improving educational quality. Following Senate approval, the recommendations are implemented by the relevant faculties and departments. In 2024–2025, most teaching staff were rated "Very Good," with none receiving "Satisfactory" or "Unsatisfactory" ratings.

Doctoral students' satisfaction with the learning environment is also assessed anonymously through an online questionnaire. In 2025, 96 responses were collected, representing a participation rate of 79.34%.

The predominantly "Very Good" and "Good" ratings indicate a high level of satisfaction with the educational and research services, academic staff, and available infrastructure.

Recommendation: Doctoral student feedback and teaching evaluation processes require stronger consolidation and clearer reporting at domain level.

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.

IOSUD-UP uses specialized, regularly updated databases integrated into its institutional quality management system. These contain information on study programs, doctoral students, academic staff, assessment results, graduates, employability, research, international relations, and administrative and financial performance. The official quality-assurance webpage provides access to relevant structures, regulations, methodologies, evaluation reports, and performance indicators.

The ACADEMIS information system includes the UMS module, which manages admission, enrolment, academic records, assessments, scholarships, accommodation, diplomas, and educational quality data, and the SAP module, which supports financial, material, investment, research, human-resource, and asset management. Specific university structures manage databases concerning staff evaluation, doctoral programs, research results, international relations, employment, and students' academic status.

The Quality Assurance Department, coordinated by CEAC and the responsible Vice-Rectorate, centralizes, archives, and analyses data from the University's academic and administrative structures. The resulting information supports internal and external evaluations, institutional planning, corrective measures, and continuous improvement. Findings are presented in public documents, including the Annual Internal Quality Evaluation Report, the Rector's Report, and the Operational Plan Implementation Report. National digital platforms are also used to streamline reporting and increase institutional transparency.

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.

The University of Petroşani ensures transparency by publishing accurate and updated information of public interest on its official website and through other communication channels. The available information covers study programs and qualifications, diplomas, academic and research staff, admission, research activities, scientific events, academic recruitment, quality-assurance regulations, and student facilities. Information on teaching activities is also displayed on faculty and departmental noticeboards, while weekly press conferences provide updates on university activities.

The Doctoral School's website presents detailed information on its structure, doctoral fields and supervisors, admission and completion methodologies, study contracts, institutional regulations, academic calendar, curricula, and research and documentation resources. The doctoral admission

guide is also available online and includes the study fields, admission criteria, competition calendar, and required application documents.

The indicator is: fulfilled

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

The University of Petroşani ensures transparent governance by publishing the decisions of the University Senate, Board of Directors, CSUD, and Doctoral School Council through its official website. In accordance with the University Charter, IOSUD-UP also provides current and accurate information on doctoral programs and supervisors, student facilities, evaluation results, quality assurance, education and research activities, international relations, university ethics, and financial matters, including budget execution.

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.

IOSUD-UP carries out external quality-assessment procedures within the required deadlines and in accordance with national legislation, ARACIS standards, and institutional quality-assurance regulations. These evaluations validate the quality of doctoral programs and support the continuous improvement of educational and research activities. The University of Petroşani currently holds the institutional rating “High Degree of Confidence.”

External assessments are prepared through internal evaluation reports and formally scheduled procedures coordinated under the University’s quality policy, CEAC and DAC regulations, and rules for monitoring study programs. In 2021, the IOSUD-UP Doctoral School and its four doctoral fields were accredited by ARACIS with the decision “maintenance of accreditation,” subsequently confirmed by Ministerial Order No. 5,985/2021. The Systems Engineering doctoral field was also periodically evaluated in October 2021 and received the same accreditation decision.

The indicator is: fulfilled

IV. SWOT Analysis

Strengths:		Weaknesses:
✓ Modernized and continuously developing material base. ✓ PhD students' access to the following databases: Springer Link Journals, Clarivate Analytics Web of Knowledge, SCOPUS, Wiley Journals. ✓ The existence of a material endowment of the CDI facilities that allows the use of modern	INTERNAL FACTORS ⬆	✓ The number of full-time CDRs in IOSUD-UP is only 2, the composition being completed with a CDR from outside UP. ✓ The low percentage of students who have completed internships abroad during the development of their doctoral theses. ✓ The low number of doctoral

technologies and the conduct of high-level scientific research. ✓ The existence of 6 IOSUD-UP's own journals and the organization of scientific events at national and international levels. ✓ IOSUD-UP's quality as a partner in the EURECA-PRO Alliance. ✓ The existence of four well-defined doctoral fields, folded into the existing faculties in UP		theses written in internationally spoken languages. ✓ The low number of doctoral theses developed under international co-supervision and a low number of patents. ✓ The need to increase international visibility, both in rankings and by attracting more international students. ✓ The moderate visibility of doctoral supervisors and doctoral students in the international academic space.

SWOT analysis

Opportunities: ✓ The existence of a special infrastructure, which allows the development of projects with the socio-economic environment. ✓ The empowerment potential of young teachers. ✓ The development of research programs with national and/or European funding ✓ Access to new information technologies. ✓ The existence of internal and international sources of information and training regarding the management of research activity. ✓ Collaboration with research centers involved in the EURECA-PRO Alliance.	EXTERNAL FACTORS	**Threats:** ✓ Small number of places financed from the budget. ✓ Decrease in the number of graduates of master's studies who wish to follow a doctoral cycle. ✓ An insufficiently developed industrial infrastructure of the area, compared to the research possibilities of the university. ✓ Migration of graduates to other university centers in the country and abroad. ✓ Limited interest from the business environment for academic partnerships and cooperation with IOSUUD-UP, in order to train specialists.

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			

No.	Performance Indicator	Extent to which it was fulfilled (F/PF/UF)	Recommendations
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 environment for living and studying, including for disabled persons. Optimal venues are also provided for activities of the staff. Such venues are adequately equipped.	F	
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	
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	
10.	I.P.B.2.1.2 The expected learning outcomes are correlated with the competences required by those occupations, according to the	F	

No.	Performance Indicator	Extent to which it was fulfilled (F/PF/UF)	Recommendations
	occupational standards and/or the European Skills, Competences and Occupations (ESCO).		
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	
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	It is recommended to clearly communicate the candidate ranking criteria and the allocation rules for budget-funded, scholarship-funded and tuition-fee places before the admission process.
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 organizational component carries out international cooperation actions supporting mobility of the members of its own community and collaboration in academic and research activities.	F	Promote the internationalization of the doctoral domain through targeted mobility schemes, joint supervision initiatives, international research partnerships, and enhanced accessibility of English-language institutional information.
21.	I.P.B.9.1.1 Learning based on scientific investigation and research results support and are capitalised upon in achieving the learning	F	Maintain support for doctoral students in identifying appropriate, internationally recognized publication

No.	Performance Indicator	Extent to which it was fulfilled (F/PF/UF)	Recommendations
	outcomes envisaged through the study programme.		venues and promoting publication in high-impact indexed journals.
22.	I.P.B.9.2.1 The results of scientific research are visible at national and international level in that scientific domain, and capitalized 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	
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	Promote the responsible integration of artificial intelligence in doctoral studies through the development of institutional guidance covering research, academic writing, evaluation, and thesis preparation.
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	Doctoral student feedback and teaching evaluation processes require stronger consolidation and clearer reporting at domain level.
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	0	0
Domain B. Educational efficacy	14	0	0

Domain C. Quality management	10	0	0
Total	32	0	0

A total of 32 performance indicators were analyzed in the external evaluation report. Following the analysis of the internal evaluation report, the supporting documents and annexes, the supplementary clarifications provided by IOSUD-UP, and the evidence collected during the evaluation visit, all 32 indicators were assessed as fulfilled. No indicator was assessed as partially fulfilled or unfulfilled.

VI. Conclusions

Following the completion of the accreditation/maintaining accreditation procedure, the decision of the evaluation panel shall be one of the following:*

a) maintaining accreditation (MAC);

The external evaluation confirms that the doctoral study domain Systems Engineering, organized by IOSUD – U Petroşani within the Doctoral School, functions within a coherent institutional, regulatory, and quality-assurance framework. The doctoral domain is supported by appropriate management structures, transparent procedures, qualified doctoral supervisors, adequate administrative support, and access to institutional resources necessary for the organization and coordination of doctoral studies.

The Systems Engineering doctoral domain has a clear academic and research profile, oriented towards relevant directions such as artificial intelligence, advanced computing systems, image processing, data security, automation, human-computer interaction, and related areas of computer science and information technology. The doctoral program is structured in accordance with the requirements for level 8 qualifications, combines an advanced training component with individual scientific research, and supports the development of professional and transversal competences relevant to doctoral-level research. Doctoral students benefit from supervision, academic guidance and integrity committees, access to research centers and databases, and institutional support for participation in scientific events and publication of research results.

The research infrastructure available to the domain, especially through the Research Centers, supports the scientific activity of doctoral students and supervisors. The scientific results reported for the evaluated period show visibility at national and international level and are consistent with the objectives of the doctoral domain. The domain has also implemented recommendations resulting from the previous external evaluation and has updated its curriculum and procedures in response to changes in the legal framework and to the extension of doctoral studies from three to four years.

The quality-assurance mechanisms applicable to the Systems Engineering doctoral domain are operational and are supported by institutional procedures, annual reporting, student feedback, internal monitoring, and the involvement of academic structures. The clarifications and the evidence analyzed during the evaluation confirmed the application of procedures for monitoring and reviewing the doctoral domain, as well as the involvement of members of the academic community and external stakeholders. At the same time, the panel notes that the documentation of employer and alumni consultation, the visibility of support measures for candidates from vulnerable groups or with special educational needs, and the systematic promotion of mobility and internationalization opportunities can be further strengthened.

The panel identified several development directions that may further strengthen the Systems

* When the external quality evaluation for accreditation is performed with undergoing the procedure for obtaining a provisional authorisation to operat

Engineering doctoral domain. These concern the systematic promotion of short-term international mobility, summer schools, and research visits; clearer communication of opportunities available to doctoral students, including the doctoral yearly grant; clearer public information on support measures for candidates with special educational needs and/or from vulnerable groups; the formulation of a domain-specific internationalization strategy; continued guidance for doctoral students in selecting recognized and academically appropriate publication outlets; clearer Systems Engineering domain-level reporting of student feedback and teaching evaluation results; and the development of institutional guidance on the responsible and ethical use of artificial intelligence in doctoral research, academic writing, evaluation, and thesis preparation.

Following the analysis of the internal evaluation report, the annexes and supporting documents, the supplementary clarifications, the public information available on the UP and IOSUD-UP websites, and the evidence collected during the evaluation visit, all 32 performance indicators were assessed as fulfilled. Therefore, the ARACIS evaluation panel proposes **maintaining the accreditation** of the doctoral study domain **Systems Engineering** at IOSUD –University of Petroșani.

VII. Annexes

- S1_Lista comisiilor de îndrumare și situaţia exmatriculărilor
- S2_Lista dotari
- S3_Centralizatoare propuneri valori lucrări de mentenanţă pentru anii 2021-2022 și 2024-206
- S4_Minuta încheiată cu INCD INSEMEX Petroșani

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

Instituția de învățământ superior/Organizația furnizoare de educație/ Higher Education Institution / Education Provider Organization: **Universitatea din Petroşani** / University of Petroşani
Şcoala doctorală/ Doctoral School: **Şcoala doctorală/** Doctoral School
Domeniul de doctorat/ Doctoral Domain: **Ingineria sistemelor** / Systems Engineering
Obiectivul evaluării externe/ The objective of the external evaluation: **menţinerea acreditării domeniului de doctorat** / maintaining the accreditation of the doctoral field
Perioada vizitei de evaluare/ The evaluation period: *2-4.09.2026*

Comisia de experţi evaluatori ai ARACIS/Evaluation panel:

Nr./No.	III.1 Numele şi prenumele/ Last Name and First Name	Calitatea/Team role
2.	*BALAS VALENTINA EMILIA*	*Membru - Cadru didactic RNE*
3.	*KISS GABOR*	*Membru - Evaluator internațional RNE-I*
4.	*OANCEA MARIA-EMILIA*	*Membru - Student doctorand RNE-S*

Reprezentantul IÎS/OFE:

Nr./No.	III.2 Numele şi prenumele/ Last Name and First Name	Calitatea/Team role
1.	*LEBA MONICA*	III.2.1.1 *Persoană de contact/Contact person*

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
Joi/ *Thursday*, 3.09.2026			
9:00-9:30	Discuții tehnice în cadrul comisiei de experți în evaluarea externă a calității/ *Technical*	- Comisia de experți evaluatori ai ARACIS/ *Panel members*	Sala/Locația/ **Room/Location:** Sala 6, Corp D / **Room 6 building D**

Intervalul orar/ *Hour*	Activități de evaluare/ *Evaluation activities*	Participanți/ *Participants*	Locație/*Location* /Listă participanți/*List of Participants*
	discussions within the expert committee for external quality evaluation		
9:30-10:00	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:** Sala 6, Corp D / **Room 6 building D** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**: 1. Prof.univ.dr.ing. - Rector 2. Prof.univ.dr.habil.ing. – director IOSUD/ IOSUD Director 3. Prof.univ.dr.habil.ing.– director Școală Doctorală/ Doctoral School Director 4. Prof.univ.dr.habil ing. – Coordonator domeniu de doctorat/ Coordinator of doctoral field
10:00-10:30	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:** Sala 6, Corp D / **Room 6 building D** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Prof.univ.dr.habil ing.– Coordonator domeniu de doctorat/ Coordinator of doctoral field - Conf.univ.dr.habil ing. - sef lucr.dr.ing. - Ec. – secretar
10:30-13:00	Vizita bazei materiale/ *Visiting the material resources*	- Comisia de experți evaluatori ai ARACIS/ *Panel members*	Sala/Locația/ **Room/Location:** Ora 10.30

Intervalul orar/ *Hour*	Activități de evaluare/ *Evaluation activities*	Participanți/ *Participants*	Locație/*Location* /Listă participanți/*List of Participants*
		- Reprezentanți ai structurilor organizatorice în domeniul asigurării calității/ *Representatives of quality assurance organisational structures*	Laborator de cercetare multidisciplinara (Excel1) Ora 10.50 Laborator Identificarea sistemelor (LA5) Laborator Sisteme de conducere a robotilor (LA3) Laborator Ingineria sistemelor (LA2) Laborator Inteligență artificială (LC5) Ora 11.50 Laborator Proiectare logică senzori și traductoare (LA1) Laborator Rețele de calculatoare și arhitectura calculatoarelor (LC4) Ora 12.20 Laborator Inginerie software, Limbaje de programare (LC0) Laborator Proiectare cu microprocessor (LC1)
13:00 - 14:00	Pauză prânz/ *Break (lunch)*		
14:00 - 14:45	Întâlnirea comisiei de experți în evaluarea externă a calității 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 experți evaluatori ai ARACIS/ *Panel members* - Responsabilii centrelor/laboratoarelor de cercetare/ *Staff in charge with research centres/laboratories*	Sala/Locația/ **Room/Location:** Sala 6, Corp D / **Room 6 building D** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: 1. Prof.univ.dr.habil.ing.– coordonator centru CCIMMG / CCIMMG center coordinator

Intervalul orar/ *Hour*	Activități de evaluare/ *Evaluation activities*	Participanți/ *Participants*	Locație/*Location* /Listă participanți/*List of Participants*
			2. Prof.univ.dr.habil.ing.– reprezentant centru CCERI/ CCERI center coordinator 3. Prof.univ.dr.ing. MIHAI– reprezentant centru IMIE / IMIE center coordinator 4. Prof.univ.dr.habil.ing. – reprezentant centru ExcelUpet/ ExcelUpet center coordinator 5. Șef lucr. dr. ing. reprezentant centru SSSE/ SSSE center coordinator 6. Conf.univ.dr.habil.dr. – reprezentant centru MCPM / MCPM center coordinator
14:45-15:30	Întâlnirea comisiei de experți în evaluarea externă a calității cu **personalul didactic** implicat în activitățile din cadrul DSUD/ *Meeting of the external quality evaluation experts' panel with the teaching staff involved in the activities within the DSUD*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Cadre didactice conducători de doctorat/ *Teaching staff who are PhD supervisors*	Sala/Locația/ **Room/Location:** Sala 6, Corp D **/ Room 6 building D** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Prof.univ.dr.habil ing.– Coordonator domeniu de doctorat/ Coordinator of doctoral field - Prof.univ.dr.habil ing. - conducător doctorat / PhD supervisor - Conf.univ.dr.habil ing. - conducător doctorat / PhD supervisor

Intervalul orar/ *Hour*	Activități de evaluare/ *Evaluation activities*	Participanți/ *Participants*	Locație/*Location* /Listă participanți/*List of Participants*
15:30 - 16:00	Întâlnirea comisiei de experți în evaluarea externă a calității cu membri ai **Comisiei de etică universitară/** *Meeting of the experts panel with members of the University Ethics Committee*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Membri ai Comisiei de etică universitară/ *Members of the University Ethics Committee*	Sala/Locația/ **Room/Location:** Sala 6, Corp D / **Room 6 building D** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: 1. Prof.univ.dr.habil.ing.ec.
16:00 - 16:30	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:** Sala 6, Corp D / **Room 6 building D** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: 1. prof.univ.dr.habil.ec.
16:30 - 17:00	Pauză/ *Break*		
17:00- 17:50	Întâlnirea comisiei de experți în evaluarea externă a calității cu **studenți** * **doctoranzi** din cadrul DSUD/ *Meeting of the external quality evaluation experts' panel with doctoral students of the DSUD*	- **studenți** † **doctoranzi** din cadrul DSUD Comisia de experți evaluatori ai ARACIS/ *Panel members* - Studenți doctoranzi/ *Doctoral students*	Sala/Locația/ **Room/Location:** Sala 6, Corp D / **Room 6 building D** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: -
17:50- 18:30	Întâlnirea comisiei de experți în evaluarea externă a calității cu **absolvenți**‡,§ ai DSUD/	- Comisia de experți evaluatori ai ARACIS/ *Panel members*	Sala/Locația/ **Room/Location:** Sala 6, Corp D / **Room 6 building D**

* 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.
† 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.
‡ Se va evita invitarea absolvenților care sunt angajați ai IÎS sau ai OFE, după caz.
§ Nu este obligatorie în cazul autorizării domeniilor de studii universitare de doctorat

Intervalul orar/ *Hour*	Activități de evaluare/ *Evaluation activities*	Participanți/ *Participants*	Locație/*Location* /Listă participanți/*List of Participants*
	Meeting of the external quality evaluation experts' panel with alumni of the DSUD*	- Absolvenți ai domeniului de studii evaluat/ *Graduates*	Lista persoanelor care vor participa la întâlnire/ List of participants attending the meeting:: -
18:30-19:00	Întâlnirea comisiei de experți în evaluarea externă a calității cu **angajatori** ai absolvenților DSUD/ *Meeting of the external quality evaluation experts' panel with employers† of the DSUD alumni*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Angajatori/ *Employers*	Sala/Locația/ Room/Location: Sala 6, Corp D / Room 6 building D Lista persoanelor care vor participa la întâlnire/ List of participants attending the meeting: - Prof.univ.dr.
19:00 - 19:30	**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: Centru de cercetare ExcelUPET
Vineri/ *Friday*, 4.09.2026			

* Avoid inviting alumni who are also staff of the HEI or members of the Romanian Academy, as applicable.
† Avoid inviting employers who are also staff of the HEI or members of the Romanian Academy, as applicable.

Intervalul orar/ *Hour*	Activități de evaluare/ *Evaluation activities*	Participanți/ *Participants*	Locație/*Location* /Listă participanți/*List of Participants*
9:00-11:00	Întâlnire tehnică a comisiei de experți evaluatori/ *Technical meeting of the expert evaluation panel*	- Comisia de experți evaluatori ai ARACIS/ *Panel members*	Sala/Locația/ **Room/Location:** Sala 6, Corp D / **Room 6 building D**
11:00 - 12:00	Pauză prânz/ *Break (lunch)*		
12:00 - 13:00	Finalizarea activităților de evaluare/ *Completion of evaluation activities*	- Comisia de experți evaluatori ai ARACIS/ *Panel members*	Sala/Locația/ **Room/Location:** Sala 6, Corp D / **Room 6 building D**
13:00-14:00	Întâlnirea membrilor comisiei de experți evaluatori cu reprezentanții conducerii IÎS sau a OFE, după caz și 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 management of the organisational component, to communicate the conclusions of the evaluation process*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Reprezentanți ai conducerii și ai domeniului de studii evaluat/ *Representatives of the management* - Persoana de contact/ *Contact person*	Sala/Locația/ **Room/Location:** Sala 6, Corp D / **Room 6 building D** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: 1. Prof.univ.dr.ing.

If deemed necessary, and depending on the type of doctoral program being evaluated, additional meetings may also take place, for example with representatives of:

- departments providing IT support, for instance regarding the organization of online activities
- departments for international relations and student mobility
- the Counseling and Career Guidance Center, etc.