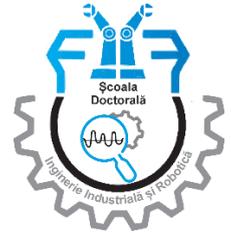




MINISTRY OF EDUCATION

National University of Science and Technology
POLITEHNICA Bucharest
COUNCIL FOR DOCTORAL STUDIES



Doctoral School of Industrial Engineering and Robotics

IIR Doctoral School

REGULATION

doctoral studies within the

**Doctoral School of
Industrial Engineering and Robotics**

CHAPTER I

General provisions

ART. 1 The present Regulation on the organization and conduct of doctoral studies at the Doctoral School of Industrial Engineering and Robotics (SD-IIR), within IOSUD Politehnica Bucharest and the associated specific elements are developed based on the provisions of the Regulation on doctoral studies within the National University of Science and Technology POLITEHNICA Bucharest, approved by the Decision of the Senate POLITEHNICA Bucharest no. 177 at 22.07. 2024, with subsequent additions, as well as the other documents presented below.

- a) the provisions of art. 61 - 71 of Law no. 199/2023 on higher education, as subsequently amended and supplemented;
- b) ME Order no. 3020/2024 for the approval of the Framework Regulation on doctoral studies.

ART. 2

For the purposes of this Regulation, the terms and expressions below have the following meanings:

a) doctoral studies - the third cycle of university studies that allows the acquisition of a level 8 qualification from the European Qualifications Framework (EQF/CEC) and from the National Qualifications Framework (CNC);

b) doctoral studies program - all the activities in which the doctoral student is involved, relevant from the point of view of doctoral studies, program that includes all the activities of design, organization, teaching, leadership and effective implementation of learning, practical application, research and evaluation that lead to a level 8 university qualification from the EQF/CEC and from the CNC;

c) the field of doctoral studies – the field that is found as such in the Nomenclature of fields and programs of university studies, established annually by Government decision, initiated and, as the case may be, amended and/or completed by the Ministry of Education before August 31 of each year;

d) the institution organizing doctoral studies (IOSUD) POLITEHNICA Bucharest

e) Council for Doctoral Studies (CSUD) - the organizational and administrative structure established within IOSUD, responsible for the IOSUD strategy, the elaboration and application of its own regulations on doctoral studies;

f) Doctoral School (DS) - the organizational and administrative structure established within IOSUD that provides the necessary support for the development of doctoral studies in a certain discipline or disciplinary or interdisciplinary theme;

g) doctoral student - the student enrolled in the doctoral study program;

h) doctoral supervisor – the person who obtained the right to supervise the doctorate prior to the date of entry into force of the Higher Education Law no. 199/2023, as subsequently amended and supplemented, as well as persons who obtain the habilitation certificate and become members of a doctoral school within an IOSUD, based on an individual employment contract;

i) the doctoral university study contract - the contract that has as its object the development of the activities specific to the study program, regulating the relations between IOSUD, the doctoral supervisor and the doctoral student, specifying the rights and obligations of the signatory parties, in accordance with the legislation in force, the provisions of the University Charter and the decisions of the POLITEHNICA Bucharest Senate

j) academic mobility - the right of doctoral students to have their transferable credits acquired, under the law, at other higher education institutions in the country or abroad. Mobility can be internal or international, physical, virtual or mixed, respectively permanent or temporary, for all forms of education;

k) Doctoral thesis - the original scientific work developed by the doctoral student within doctoral studies, legal condition for obtaining the title of doctor;

l) doctoral degree - the study document issued by IOSUD after fulfilling all the legal procedures related to the doctoral study program;

m) the council of the doctoral school (CSD) - management structure of the doctoral school;

n) co-author of a publication - any person nominated in the list of authors of a scientific publication;

o) preparation of results or data - reporting of fictitious results or data, which are not the real result of a research and development activity;

p) falsification of results or data - selective reporting or rejection of undesirable data or results,



manipulation of representations or illustrations, alteration of the experimental or numerical apparatus in order to obtain the desired data, without reporting the alterations made, in order to distort the scientific truth;

q) plagiarism - the presentation as a supposedly personal scientific creation or contribution in a written work, including in electronic format, of texts, ideas, demonstrations, data, theories, results or scientific methods taken from written works, including in electronic format, of other authors, without mentioning this and without referring to the original sources;

r) self-plagiarism - republishing substantial parts of one's own previous publications, including translations, without properly indicating or citing the original.

CHAPTER II

Organization and conduct of doctoral studies

ART. 3

The doctoral studies are the third cycle of university studies, whose purpose consists in the development of the competent human resource in carrying out scientific research, capable of insertion on the highly qualified labor market. They consist of training through research for research, development and innovation and constitute a professional research experience, completed, after defending the doctoral thesis and validating the procedure, by awarding the doctoral degree.

ART. 4

(1) Doctoral studies shall be organized and carried out in accordance with the provisions of this Regulation, within the doctoral schools of POLITEHNICA Bucharest.

(2) The Doctoral School of Industrial Engineering and Robotics (SD-IIR), established in May 2012, is organized and operates within IOSUD POLITEHNICA.

ART. 5

(1) This Regulation applies to all doctoral study programs organized by IOSUD-POLITEHNICA Bucharest, including doctoral university study programs carried out within the international university cooperation, under co-supervision, based on the written agreement between the respective institutions, as well as to those organized jointly by several higher-integrated education institutions and in consortia for dual education, including in IOSUD carried out through university consortia, made up of higher education institutions and hospitals, clinics or research institutes in the country or abroad.

(2) IOSUD- POLITEHNICA Bucharest may organize, jointly with other accredited higher education institutions in the European Higher Education Area, integrated doctoral degree programs, completed with a joint degree or double or multiple degree, recognized by the state of origin, in accordance with a framework methodology adopted by order of the Minister of Education.

(3) For the organization of integrated study programs, completed with a joint degree or with a double or multiple degree, under the conditions of para. (2), IOSUD establishes its own regulation for their organization and functioning, approved by the university senate. The regulation also establishes the method of admission and completion of these studies, the format of the study documents, as well as the method of their issuance.

ART. 6

(1) The doctoral study programs that are organized in doctoral schools are of two Types:

a) scientific doctorate, which aims to produce original, internationally relevant scientific knowledge, based on scientific methods, organized only in the form of full-time education.

It can also be carried out under the provisions of art. 9 para. (11), in a fee-bearing regime. The scientific doctorate is a condition for the professional career in higher education and research;

b) professional doctorate, in the fields of arts, sports, military sciences, respectively for dual university education, which has as its purpose the production of original knowledge based on the application of the scientific method, systematic reflection or applied research on artistic creations, on sports performances of high national and international level or on topics of practical importance and which constitutes a basis for the



professional career in education, higher education and in research, in the targeted fields.

(2) At SD-IIR, the doctoral study programs are organized and carried out in the doctoral fields: "Industrial Engineering", "Mechanical Engineering", "Engineering and Management".

(3) Dual higher education is organized for the third cycle through professional doctorate according to a methodology approved by order of the Minister of Education.

(4) The dual doctoral study cycle is the form of education in which the responsibilities regarding the performance of learning, teaching, application, research and evaluation activities are shared between IOSUD and the economic operators.

(5) IOSUD organizes and carries out learning, teaching and assessment activities, and economic operators organise work-based learning activities and participate in assessment. Applied and research activities can be carried out both at IOSUD and at economic operators.

(6) IOSUD concludes the partnership contract with the economic operators, which establishes the conditions of collaboration, the rights and obligations of the parties, as well as the costs assumed by the partners.

(7) The doctoral student concludes with IOSUD and the economic operator an individual study and practical/research training contract, which establishes the rights and obligations of the parties.

(8) The competences acquired after passing the doctoral studies are those related to the level 8 qualification of the EQF/CEC and the CNC.

(9) The doctoral study programs ensure the formation of professional skills (content, cognitive and research) in specialized fields, as well as transversal skills.

(10) For the purposes of this Regulation, the following domain-specific competences are qualified as professional competences:

- a) advanced knowledge in the field;
- b) the ability to identify, formulate and solve research problems in a creative manner;
- c) mastery of advanced research methods and techniques;
- d) knowledge of research project management;
- e) mastery of new processes and solutions in research;
- f) skills in documenting and capitalizing on scientific papers;
- g) ability to write scientific papers and other academic materials at an advanced level, in a style appropriate to the field of study and in compliance with its specific rigors at national and international level;
- h) the ability to process and process data at an advanced level, including through the use of dedicated software, depending on the domain;
- i) linguistic skills at academic level in languages of international circulation necessary for the documentation and elaboration of scientific papers;
- j) understanding and ability to apply the principles and values of scientific research ethics in respective field.

(11) For the purposes of this Regulation, the following shall be considered as transversal competences:

- a) written and oral communication skills in the field of science and culture;
- b) advanced language skills in international languages, including expressing and formulating ideas in multicultural and multilingual contexts;
- c) advanced digital skills and competences, part of the digital transformation at the social level, including through the use of artificial intelligence;
- d) interrelating and teamwork skills;
- e) knowledge of human, material and financial resource management;
- f) knowledge of career management, as well as the acquisition of techniques for job search and job creation for others;
- g) knowledge of risk, crisis and failure management;
- h) knowledge of critical thinking, including the ability to analyze, interpret or formulate reasoning in different contexts;
- i) knowledge of the use of legislation in the field of intellectual property rights;
- j) the ability to innovate and to acquire the concepts of economic, technological and social.



ART. 7

- (1) The scientific doctorate study programs are organized in the full-time form of education.
- (2) The professional doctorate study programs can be organized, as a rule, in the full-time form of education.
- (3) By exception to the provisions of para. (2), the doctoral study programs may also be organized in the form of part-time education.
- (4) For doctoral degree programs, the obligations regarding attendance and part-time are established by the university senate, at the proposal of the CSUD.
- (5) The candidate for the professional doctorate studies may opt at the time of enrollment in the admission contest for one of the forms of education, in accordance with the obligations provided in para. (4).

CHAPTER III

Financing of doctoral studies

ART. 8

- (1) Doctoral studies are organized with funding from the state budget, on a fee-based basis or from other legally constituted sources.
- (2) The financing of doctoral studies can also be carried out by legal entities of private law or by research and development institutes, based on a contract with IOSUD POLITEHNICA Bucharest.
- (3) Legal entities governed by private law may propose to the doctoral supervisors of IOSUD research topics relevant to their area of interest and for which they are willing to provide additional funding. At the proposal of the doctoral supervisors, IOSUD may conclude contracts with the respective legal entities of private law through which the rights and obligations of the parties are established.
- (4) The CSUD distributes the budgeted places and doctoral scholarships to the doctoral schools, depending on the number of places occupied in the previous year and the number of doctoral supervisors in the respective doctoral school, with the approval of the Board of Directors.
- (5) At SD-IIR, the granting of budgeted places and doctoral scholarships is made by doctoral fields, respecting the principle of proportionality of the number of doctoral supervisors in the respective field.
- (6) IOSUD will allocate at least 20% of the funding on doctoral grants for the research activities carried out by the doctoral students, including for their national and international mobility.
- (7) Within SD-IIR, the Methodology for accessing funds for doctoral students from the doctoral grant, approved at IOSUD Politehnica level, is applied. CŞD-IIR, in collaboration with the departments of the IIR faculty, designates the persons responsible for managing the financial documentation related to each doctoral student.
- (8) The payment of the rights of the doctoral student is made according to the law, without excluding other forms of remuneration provided by the legal provisions in force.
- (9) A person can benefit from funding from the budget for only one university study program of Doctorate.
- (10) Persons who have the appropriate financial resources, either from their own sources or from scholarships granted by individuals or legal entities, may be admitted as fee-paying doctoral students, within the limit of the places approved by the CSUD and approved by the Board of Directors.

CHAPTER IV

IOSUD, the doctoral school, the doctoral student and the doctoral supervisor

ART. 9

- (1) IOSUD-POLITEHNICA Bucharest is a higher education institution that has acquired the recognition of this quality following the external quality evaluation process, according to the law.
- (2) The legal representative of IOSUD is the Rector of POLITEHNICA Bucharest
- (3) IOSUD is responsible for approving, communicating and complying with its own regulations for the organization and conduct of doctoral study programs, developed on the basis of the law and this regulation.
- (4) IOSUD is permanently concerned with increasing the quality of the educational and research experience of its doctoral students, by creating as many facilities as possible for personal and professional development, by ensuring the conditions for study and research in foreign languages and by increasing the number of



international mobility of doctoral students, so that at least 20% of doctoral students carry out a training internship abroad or another form of mobility.

(5) The involvement of IOSUD in the development of partnerships with prestigious higher education institutions abroad, as well as the number of international mobilities of doctoral students and doctoral supervisors are a criterion for the periodic evaluation of IOSUD.

(6) IOSUD is responsible for the recognition of internships approved by the subordinate doctoral schools and carried out by doctoral students within internal and international mobility.

(7) IOSUD may conclude partnerships for the development of doctoral degree programs with other higher education institutions and/or with research and development units or with legal entities of private law.

(8) IOSUD provides institutional, administrative and logistical support to subordinate doctoral schools.

(9) IOSUD has, within its own institutional framework, specific structures for the management and administration of doctoral study programs, including at the level of doctoral schools. These structures operate according to the law and this regulation.

(10) IOSUD develops and implements mechanisms to increase the retention of doctoral students in the university environment, including by supporting doctoral students from disadvantaged socioeconomic backgrounds, without eliminating academic criteria and merits.

(11) IOSUD, in collaboration with the Center for Career Counseling and Guidance, organizes specific activities dedicated to doctoral students: counseling on participation in academic/research events; periodic courses in academic writing, academic integrity, scientific communication; counseling and support in the administrative area, as well as other activities in support of doctoral students.

ART. 10

(1) At the level of IOSUD, the doctoral training activity is coordinated by CSUD.

(2) The main tasks of the CSUD are:

a) establishing the IOSUD strategy;

b) elaboration of its own regulation for the organization and conduct of doctoral study programs at IOSUD level;

c) formulating proposals regarding the establishment and abolition of the doctoral schools within IOSUD;

d) selection of doctoral supervisors who are part of a newly established doctoral school;

e) elaboration of the requirements for the writing of doctoral theses;

f) developing the standards of ethics and deontology applicable during the doctoral studies;

g) other specific attributions, established by IOSUD's own regulation, according to the law.

(3) The CSUD is headed by a director, who is an ex officio member of the CSUD. The position of director of the CSUD is assimilated to the position of vice-rector.

(4) The director of the CSUD is appointed following a public competition organized by the legal representative at IOSUD.

(5) The methodology for conducting the public competition must comply with the provisions of this regulation and is approved by the university senate.

(6) The announcement regarding the organization of the competition shall be published at least two months before the deadline set for the registration of candidates.

(7) The announcement shall be published at least in the following ways:

a) in a prominent place on the homepage of the IOSUD website;

b) on the website of the Ministry of Education;

c) in the Official Gazette of Romania, Part III.

(8) Only persons who have the right to supervise doctorates and who meet the minimum and mandatory standards for granting the habilitation certificate in force on the date of publication in the Official Gazette of Romania, Part III, of the announcement regarding the announcement of the position may apply for the position of director.

(9) The competition commission consists of 5 members, of which at least 3 must be from outside IOSUD, from the country or from abroad. The competition commission is appointed by decision of the rector of POLITEHNICA Bucharest.

(10) At least one member of the competition commission has an employment contract concluded with a



higher education or research institution abroad, recognized as such by the Ministry of Education.

(11) The members of the competition commission must have the right to supervise doctorates, in the country or abroad, and to meet the minimum and mandatory standards for granting the habilitation certificate in force on the date of publication in the Official Gazette of Romania, Part III, of the announcement regarding the announcement regarding the announcement of the position.

(12) Based on the decision of the competition commission, the legal representative of IOSUD concludes a management contract with the designated person for a period of 5 years.

(13) The CSUD is made up of 17 members.

(14) The mandate of the members of the CSUD is 5 years.

(15) The members of the CSUD are:

a) doctoral supervisors from IOSUD;

b) doctoral supervisors from the country or abroad;

c) representatives of doctoral students from the doctoral schools of IOSUD, in proportion as 25%.

(16) The CSUD may also have as members scientific personalities or personalities from the relevant industrial and socio-economic sectors.

(17) The methodology for appointing CSUD members is approved by the university senate.

(18) CSUD members who are university professors or researchers must have the right to supervise doctorates, in the country or abroad, and to meet the minimum and mandatory standards for granting the habilitation certificate in force on the date of their appointment as members of the CSUD.

(19) The doctoral schools are represented in the CSUD through quotas established in the methodology provided in para. (18), by groups of doctoral schools.

(20) All directors of doctoral schools, who are not members of the CSUD, are permanently invited to the CSUD works.

(21) The members of the CSUD are elected by the universal, direct, secret and equal vote of the doctoral supervisors and doctoral students from the respective doctoral schools of IOSUD-POLITEHNICA Bucharest.

(22) The status of doctoral student representative in the CSUD, in the council of the doctoral school, hereinafter referred to as the CSD, or in other representative structures at the level of the higher education institution may not be conditioned in any way, except for the fulfillment of the obligations provided for in art. 17 para. (1). The interventions of the teaching staff in the process of electing doctoral students constitute a disciplinary offense and are sanctioned according to the provisions of art. 175 of Law no. 199/2023 on higher education, with subsequent amendments and completions.

(23) The CSUD shall meet monthly or whenever necessary, at the request of the Director of the CSUD or at least one third of its members.

ART. 11

(1) Several doctoral schools operate within IOSUD. The establishment and abolition of doctoral schools is proposed by the CSUD and approved by the university senate.

(2) SD-IIR ensures the improvement and expansion of the training of doctoral students through teaching, seminar, evaluation, scientific research, technological development, design and artistic creation, appropriate to the specificity of the doctoral fields in which study programs are organized.

(3) In the structure of IOSUD, a doctoral school has a rank equal to that of a department. The doctoral school is headed by the director of the doctoral school and the council of the doctoral school. The director of the doctoral school is assimilated to the director of the department. The Council of the Doctoral School is assimilated to the Council of the Department. The director of the doctoral school is an ex officio member of the Council of the doctoral school.

(4) The director of the doctoral school carries out the management and operative management of the doctoral school. It is responsible for the development and implementation of curricula, status of functions, research and quality management and supports the management of IOSUD in the financial management of the doctoral school. In exercising this function, he is assisted by the council of the doctoral school (CSD).

(5) The CSD-IIR meets at least 3 times a year, at the request of the director of the doctoral school or at least one third of its members.

(6) Members of SD-IIR, honorary members of SD-IIR, students - doctoral students, representatives of



research institutes and partner industrial companies can participate as guests at the meetings of the CSD-IIR.

(7) The selection, hiring, periodic evaluation, training, motivation and termination of the contractual employment relations of the staff are the responsibility of the director of the doctoral school, according to the provisions of the university charter.

(8) The lists of functions are drawn up at the level of the doctoral schools, by consulting their members, and are endorsed by the council of the doctoral school, respectively by the rector of the higher education institution and approved by the university senate.

(9) The list of functions of the doctoral school includes all the positions of doctoral supervisor necessary for the functioning of the respective doctoral school and all the positions of doctoral student under the coordination of the doctoral supervisors. The minimum number of doctoral supervisors and doctoral student positions is calculated according to the number of fields in which the respective doctoral school organizes doctoral study programs.

(10) The number of positions for the auxiliary teaching staff and for the administrative staff is established by the university senate, at the proposal of the rector, depending on the budget and specificity of the doctoral school and according to the technical-administrative structure.

(11) In doctoral schools, research staff with an individual employment contract for a fixed or indefinite period may also function on distinct positions.

(12) The research staff in higher education carry out specific activities, established in the individual job description by the management of the doctoral school.

(13) The doctoral school is organized and operates with doctoral supervisors who have acquired this right, according to the law. A doctoral school can be established only if it includes at least 3 doctoral supervisors for whom it organizes doctoral studies.

(14) The doctoral school may impose transparent minimum standards of scientific performance that doctoral supervisors must meet in order to become members of the respective doctoral school.

(15) In addition to doctoral supervisors, other researchers or teaching staff involved in research and/or teaching activities within the doctoral school, from IOSUD's partner institutions or from other institutions or research and development units, from the country or abroad, may be affiliated to a doctoral school.

(16) At the level of the doctoral school, the director of the doctoral school and the members of the doctoral school council are elected by universal, direct and secret vote of the doctoral supervisors and doctoral students of the respective doctoral school.

(17) The persons who have the quality of doctoral supervisor in the respective doctoral school have the right to be elected as members of the council of the doctoral school. The mandate of the members of the CSD is 5 years.

(18) Doctoral students have at least one representative on the doctoral school council.

(19) Doctoral schools provide doctoral students with a training program based on advanced university studies consisting of activities carried out in institutionalized study formations, through courses, seminars, laboratories and the like.

(20) The training program based on advanced university studies includes a discipline of ethics and academic integrity, including ethics of scientific research, mandatory to be completed by all enrolled doctoral students.

(21) The doctoral school may recognize, according to the IOSUD regulation and under the conditions of the law, the completion of previous doctoral internships and/or scientific research internships, carried out in the country or abroad, in higher education institutions or in recognized research centers, as well as taking courses within the research master's degree programs.

(22) Doctoral schools can organize research centers or laboratories that function as units of income and expenditure within IOSUD.

(23) The manner of conducting the doctoral study program is established by the doctoral supervisor, with the consultation of the doctoral student, and endorsed by the doctoral school council.

ART. 12

(1) The person admitted to a doctoral degree program has the status of doctoral student for the entire period of his/her presence in the respective program, from enrollment to the completion of the study program or until expulsion, except during periods of interruption of studies, but including any extensions granted according to the provisions of the study contract.



(2) The quality of doctoral student is maintained even during the period of internal and international mobility. In the case of international academic mobility of doctoral students who come to study on their own currency exchange, the recognition of transferable credits is carried out by IOSUD, based on university autonomy.

(3) The recognition of transferable credits, in the case of national and international academic mobility, can be carried out by IOSUD only for the person who proves the quality of doctoral student with study documents or schooling documents issued by the higher education institution he/she attended.

(4) The conditions and the way in which academic mobility is carried out are established by a methodology approved by order of the Minister of Education.

(5) Doctoral students may be employed by IOSUD as research assistants or university assistants, as the case may be, for a fixed period, following a competition.

(6) The doctoral student employed as a research assistant may carry out paid teaching activities on an hourly basis, in accordance with the legislation in force.

(7) During the doctoral study program, the doctoral student has the following rights:

- a) to benefit from the support, guidance and coordination of the doctoral supervisor;
- b) participate in seminars or working meetings of R&D staff in the IOSUD framework when topics relevant to doctoral studies are discussed;
- c) to be represented in the decision-making forums of the doctoral school, according to the provisions of this Regulation;
- d) to access and use the research infrastructure of IOSUD, including logistics, documentation centres, libraries (including international databases) and equipment of the doctoral school and IOSUD for the elaboration of research projects and doctoral thesis;
- e) to enroll in courses and seminars organized by other doctoral schools;
- f) to work together with teams of researchers within IOSUD or from research and development units that have concluded agreements or institutional partnerships with IOSUD, encouraging and supporting interdisciplinary initiatives;
- g) to be integrated into the research project teams within IOSUD, including by participating in the process of drafting and submitting applications;
- h) to benefit from national or international mobility;
- i) to benefit from institutional support to participate in scientific conferences or congresses, workshops, summer or winter schools and national and international seminars in the field in which he/she chose his/her doctoral thesis;
- j) to participate in the scientific communication sessions organized by the doctoral school and/or by IOSUD;
- k) to be informed about the curriculum of doctoral studies within the doctoral school;
- l) to benefit from the support services for students, existing at the level of higher education institutions, including those for accommodation and canteen.

(8) The doctoral student has the following obligations:

- a) to respect the schedule established with the doctoral supervisor and to fulfill the obligations of defending the papers and presenting the research results;
- b) to deliver, at its request, at least once every 12 months, a presentation of the progress of its scientific research programme to the Academic Integrity and Guidance Committee and the doctoral supervisor;
- c) to be in permanent contact with the doctoral supervisor;
- d) to respect institutional discipline, without restricting their academic freedom;
- e) to comply with the university ethics and deontology policies and to carry out their studies and research in compliance with the norms of academic integrity.
- f) to support seminar, laboratory, project teaching activities according to the study contract doctoral.
- g) for scholarship students, an annual evaluation is carried out by the doctoral school according to criteria established by the Methodology for the re-evaluation of doctoral scholarships approved at the level of IOSUD POLITEHNICA. Failure to meet these criteria may result in the loss of the scholarship in the following year at the same time as the redistribution of the scholarship according to the Methodology for the

reallocation of doctoral scholarships, approved at the level of IOSUD POLITEHNICA.

h) If a doctoral student who benefits from the doctoral scholarship withdraws for personal reasons during the academic year, the respective scholarship is vacant, and the CŞD-IIR will apply the methodology for the re-evaluation of doctoral scholarships at IOSUD level for its reassignment, with a reallocation calendar established at the time, but not exceeding 60 days from the date of the doctoral scholarship vacancy);

(9) Throughout the duration of the activity, the doctoral student benefits from the recognition of seniority in work and specialty, as well as free medical and dental assistance under the conditions provided by Law no. 95/2006 on the health reform, republished, with subsequent amendments and completions, and by the framework contract, without the payment of the mandatory social contributions regulated by Law no. 227/2015 on the Fiscal Code, with subsequent amendments and completions.

(10) The period of doctoral studies is assimilated, according to the legislation pensions, for establishing the contribution period.

(11) After defending the doctoral thesis, IOSUD issues a certificate attesting the period in which The doctoral student followed his doctoral studies.

(12) The conflicts between the doctoral student and the doctoral supervisor are mediated by the council of the doctoral school, and in case of non-resolution of the conflict at this level, it is mediated by the CSUD.

(13) The conflicts between the doctoral student and the doctoral school are mediated by the CSUD.

(14) The doctoral student is responsible for the originality of the doctoral thesis.

(15) SD-IIR applies the above provisions regarding the doctoral student for all enrolled doctoral students.

ART. 13

(1) PhD supervisors are the persons who have obtained the right to supervise doctoral studies prior to the date of entry into force of the Law on Higher Education no. 199/2023, as subsequently amended and supplemented, as well as persons who have obtained the habilitation certificate and become members of a doctoral school within an IOSUD, based on an individual employment contract.

(2) A doctoral supervisor can supervise doctoral students only in the field for which he or she has obtained this right. By exception, upon establishment, a new field of doctoral studies may operate with doctoral supervisors from the same branch of science.

(3) A doctoral supervisor can only simultaneously supervise doctoral students in one IOSUD, except for doctorates supervised under co-supervision.

(4) Starting with the academic year 2026 - 2027, a doctoral supervisor can simultaneously supervise 8 doctoral students, not including any doctoral students coordinated in co-supervision, with a secondary role. By exception, up to a maximum of 12 doctoral students/doctoral supervisors can be supervised only with the approval of the university senate, but not for more than 20% of the doctoral supervisors in a doctoral school.

(5) Until the date provided for in para. (4) The University Senate decides the maximum number of doctoral students who can be supervised simultaneously by a doctoral supervisor.

(6) For the activity they carry out in this capacity, doctoral supervisors are remunerated in accordance with the legislation in force.

(7) At the motivated request of the doctoral student, the council of the doctoral school may decide to change the doctoral supervisor, if the non-fulfillment of the legal or contractual obligations assumed by the latter has been ascertained, for other reasons regarding the guidance relationship between the doctoral supervisor and the doctoral student, as well as if the unavailability of the doctoral supervisor is found.

In these cases, within 30 days, the board of the doctoral school appoints another doctoral supervisor, within the same field.

(8) If the termination of the coordination relations of a doctoral student occurs due to the sole fault of the doctoral supervisor, the doctoral school proposes to the CSUD to take measures to sanction him.

(9) When appointing a new doctoral supervisor, the doctoral school council will take into account as a priority the need for the doctoral student to be able to complete the doctoral program in the field of university studies specified in the study contract, according to enrollment. If it is not possible to identify an available doctoral supervisor within IOSUD, IOSUD will take steps to facilitate the academic mobility of the doctoral student, within the same field, but at another IOSUD.

(10) At SD-IIR, CŞD IIR decides to change the doctoral supervisor under the following conditions:



- a) the doctoral supervisor retires and does not want to continue the doctoral supervisory activity;
 - b) at the request of the doctoral supervisor, motivated by the impossibility of continuing the activity of guiding the doctoral student;
 - c) at the request of the director of the doctoral school, in the event of the unavailability of the doctoral supervisor;
 - d) at the reasoned request of the doctoral student, for other reasons regarding the guidance relationship between the doctoral supervisor and the doctoral student;
 - e) at the joint request of the doctoral student and the doctoral supervisor.
- (11) The new doctoral supervisor can be proposed by the CŞD-IIR or by the doctoral student.
- (12) The change of the doctoral supervisor **is approved by the SD director**, only with the written consent of the new doctoral supervisor and the doctoral student.
- (13) The doctoral supervisor is supported in the activity with the doctoral student by a guidance and academic integrity committee, consisting of 3 people and which is proposed by the doctoral supervisor and endorsed by the CSD.
- (14) The members of the guidance and academic integrity committee may be part of the research team of the doctoral supervisor, may be other persons affiliated to the doctoral school or teaching and research staff not affiliated to it. At least one member of this commission is from outside the Bucharest Polytechnic.
- (15) The members of the guidance and academic integrity committee cannot be nominated as members of the public defense committee of the doctoral thesis.
- (16) In well-justified cases and at the express request of the doctoral supervisor, the CSD may approve the change of a member of the advisory and academic integrity committee;
- (17) The rights and obligations of the doctoral supervisor derive from Law no. 199/2023 on higher education, as subsequently amended and supplemented, from the IOSUD-POLITEHNICA's own regulations, from the regulations of the doctoral school, as well as from its employment contract.
- (18) The rights of the doctoral supervisor include:
- a) the right to guide and evaluate the activity of the doctoral student within the doctoral study program, according to the professional and university autonomy, following the requirements of the doctoral study program and respecting the professional interests of the doctoral student;
 - b) the right to propose the Academic Guidance and Integrity Committee, respectively the Doctoral Committee;
 - c) the right to an impartial internal and external evaluation, in accordance with the specific methodology of the evaluation process;
 - d) the right to know the methodology against which it is evaluated, both in the internal and in the external evaluation;
 - e) the right to know the results of the internal and external evaluation of one's own activity;
 - f) the right to refuse the guidance of a doctoral student under the conditions in which it is placed without his will in a conflict of interest;
 - g) the right to request the Council of the Doctoral School to terminate the tutoring relationship with a doctoral student;
 - h) the right to request the doctoral school to organize an admission competition for each position of a vacant doctoral student under his/her supervision;
 - i) the right to decide the study elements within the training program based on advanced university studies in which the doctoral student must participate, in compliance with the provisions of this Regulation.
- (19) The doctoral supervisor has the following obligations:
- a) to ensure the scientific, professional and deontological guidance of each doctoral student;
 - b) propose research topics;
 - c) to ensure the conditions and stimulate the progress of doctoral students in the research they achieves;
 - d) to carry out the objective and rigorous monitoring and evaluation of each doctoral student;
 - e) to support the mobility of doctoral students;
 - f) to avoid the emergence of conflicts of interest in the guidance of doctoral students;
 - g) to take all due diligence in verifying the conformity of doctoral theses in relation to the specific requirements of an original creation.



- (20) The SD-IIR applies the above provisions regarding the doctoral supervisor to all doctoral supervisors affiliated to it.

ART. 14

(1) Doctoral studies can also be organized under co-supervision, in which case the doctoral student carries out his/her activity under the simultaneous guidance of a doctoral supervisor from Romania and a doctoral supervisor from another country or under the simultaneous guidance of two doctoral supervisors from different IOSUDs in Romania, based on a written agreement between the organizing institutions involved, aspects that will be found in the study contract.

(2) If the written co-supervision agreement is concluded between POLITEHNICA Bucharest and a doctoral organizing institution abroad, the course of the study program, the doctoral thesis developed and the conditions of public support must be established so as to comply with the legal provisions applicable at the level of both states. Otherwise, the administrative procedure carried out by IOSUD will be invalidated, and the title of doctor will not be granted.

(3) The co-supervised doctorate can also be organized if the doctoral supervisors are from the same JOHNSON.

(4) In the case of doctoral studies organized under co-supervision, the main doctoral supervisor is the one on whose vacant position of doctoral student the admission competition was organized, the second doctoral supervisor having a secondary role.

(5) The doctoral student is fully accounted for by the main doctoral supervisor, including in the norming of his teaching and research activity.

(6) At SD-IIR, the doctorate in co-supervision is organized in accordance with the above provisions.

(7) The SD-IIR applies the above provisions for all enrolled doctoral students.

CHAPTER V

Admission to doctoral studies

ART. 15

(1) Admission to doctoral studies is the process of selecting candidates for the vacant positions of doctoral student that the doctoral supervisors of the doctoral school decide to propose for employment during the admission sessions organized by IOSUD, through the doctoral schools.

(2) The research topics related to each vacant doctoral student position are proposed by doctoral supervisor and approved by the Council of the Doctoral School.

(3) The selection of the candidate for a vacant position of doctoral student is carried out by the doctoral school in compliance with:

a) the provisions of the framework methodology for admission to university studies, adopted by order of the Minister of Education;

b) provisions of the Methodology for admission to doctoral studies, approved by the Senate at the proposal of the CSUD.

(4) The information regarding the organization of the admission contest for doctoral studies is posted at the headquarters of the doctoral schools and is published on the website of POLITEHNICA Bucharest at least 30 days before its organization.

(5) Only graduates with a master's degree or its equivalent according to the law are entitled to participate in the admission competition for doctoral studies, and the cumulative number of transferable study credits acquired, for the cycle of bachelor's and master's degrees, is at least 300.

(6) After completing the admission procedure, the doctoral school displays the hierarchy of admitted/rejected candidates, mentioning the beneficiaries of doctoral grants, respectively the form of education.

(7) The Doctoral School manages any appeals registered, in accordance with the provisions of the Admission Methodology of IOSUD-POLITEHNICA Bucharest, and displays the results of this procedure.

(8) All candidates declared admitted following the organization of an admission competition are included in the CSUD decision on admission to studies, drawn up on the types of funding, related to the respective session



of admission competitions organized in the doctoral schools of IOSUD.

- (9) After enrollment, all doctoral students are registered in the Single Enrollment Register (RMU).
- (10) At SD-IIR, admission to doctoral studies is regulated by the above provisions.
- (11) At SD-IIR, the admission of candidates to doctoral study programs takes into account selection criteria that include: professional performance, interest in scientific research, publications in the field, quality of the proposed research topic, evaluated including in the interview with the applicant in the competition in question.
- (12) SD-IIR has a policy of stimulating the admission of candidates from disadvantaged social backgrounds, on the specially allocated places, as well as through support actions, as the case may be.
- (13) SD-IIR ensures the transparency of the procedures for the evaluation and selection of candidates for the admission competition for doctoral studies and guarantees access to this information, in accordance with the above provisions.

CHAPTER VI

Doctoral Studies Agreement

ART. 16

(1) The object of the study contract is to carry out the activities specific to the doctoral study program, regulating the relations between the IOSUD-doctoral school, the doctoral supervisor and the doctoral student, specifying the rights and obligations of the signatory parties, in accordance with the legislation in force, the provisions of the university charter and the decisions of the university senate.

(2) The model of the framework contract for doctoral studies is developed by the CSUD, at the beginning of each academic year, and is made available to all doctoral schools.

(3) The doctoral study contract is concluded with each doctoral student and is signed by the doctoral student, the doctoral supervisor and the legal representative of IOSUD.

(4) The doctoral study contract includes at least the following information:

- a) data about IOSUD and the doctoral school;
- b) the identification data of the doctoral student and the doctoral supervisor;
- c) field of doctoral studies;
- d) the type of doctorate;
- e) the form of education;
- f) the form of financing;
- g) the monthly amount of the scholarship/study fee, as the case may be;
- h) the norm of research and/or teaching activities, according to the classification, in the case of full-time doctorate;
 - i) the duration of the doctoral study program followed;
 - j) research theme;
 - k) the language in which the study program is organized;
 - l) the language in which the doctoral thesis is written and defended - Romanian language, the language of a national minority or an international language. Doctoral theses written in a language other than Romanian must be accompanied by an abstract written in Romanian;
 - m) the minimum standards must be respected during the studies and in the process of drafting the doctoral thesis;
 - n) the deadline for completion of the doctoral thesis;
 - o) the conditions for extending the deadline for completing the doctoral thesis;
 - p) the conditions for interrupting the study program;
 - q) the amount of the teaching activities that the doctoral student carries out and the period in which they are carried out;
 - r) the conditions under which the doctoral supervisor can change;
 - s) the conditions for termination of the study contract;
 - t) information regarding the processing of personal data, according to the legislation in force.



(5) The study contracts do not change during the academic year. The study fee will be maintained throughout the normal duration of the study cycle, being able to be indexed with the maximum inflation rate, for the same class of students.

CHAPTER VII

Doctoral Degree Program

ART. 17

(1) The doctoral study program is carried out under the coordination of a doctoral supervisor and includes:
a) a training program based on advanced university studies (PPA), within the doctoral school, with a duration of 5 months, which will be completed no later than the end of February of the calendar year following the one in which it was enrolled;

b) an individual scientific research program (PCS), or applied research (PCA), as the case may be, for the fields in which a professional doctorate is organized.

(2) The number of transferable study credits related to the doctoral study cycle is 240.

(3) The duration of the doctoral degree program is 4 years. In special situations, the duration of the doctoral study program may be extended by 1 - 2 years, with the approval of the university senate, at the proposal of the doctoral supervisor and within the limits of the available funds, or reduced by one year, at the request of the doctoral student, with the approval of the doctoral supervisor and with the approval of the university senate.

(4) The extension in the 2nd year (year 6 of doctoral studies) can be granted only with a fee, with the payment of the annual study fee approved by the university senate.

(5) Doctoral studies may be interrupted for the following reasons: job relocations (proven with certificates from the employer), serious illnesses (proving medical data), parental leave (up to 2 years, with the child's birth certificate). The duration of these studies shall be extended with the cumulative periods of approved discontinuations.

(6) The extension provided for in para. (3), respectively the interruption and extension provided for in para. (5) If establish through addenda to the doctoral university study contract.

(7) In the fields of study regulated at European level, the duration of doctoral studies comply with the regulations applicable to them.

(8) At SD-IIR, the duration of the doctoral program, the interruption and/or extension of the doctoral studies are regulated according to the aforementioned provisions.

ART. 18

(1) The regulation of the doctoral school provides for the structure and content of the training program based on
Advanced University Studies (PPA).

(2) The completion of the PPA with the PASSED result ensures the obtaining of 30 ECTS credits.

(3) The credits obtained in a research master's program, or the completion of previous doctoral internships and/or scientific research internships, carried out in the country or abroad, in universities or in prestigious research and development units can be recognized as equivalent to those in a training program based on advanced university studies. The equivalence is proposed by the doctoral supervisor and is approved by the CSD.

(4) The PPA is completed in the first 3 months from the enrollment of doctoral students with the overall qualification PASSED/UNPASSED, each subject in the curriculum ending with ADMITTED/REJECTED. If only one discipline is concluded with REJECTED, then the result for the PPA is UNPASSED, the doctoral student being able to redo the discipline(s) in question until the end of the doctoral internship.

(5) The completion of the ASF cycle with the overall result NOT PASSED does not prevent accession PhD student in the Scientific Research Program (PCS).

(6) At SD-IIR, the training program based on advanced university studies includes 5 compulsory subjects, of which 2 are specialized disciplines, proposed by the doctoral supervisor and approved by the CSD, and 3 are disciplines that provide transversal competences approved by the Rector's Decision, at the proposal of the CSUD.



ART. 19

PCS and PCA are carried out on the basis of an individual scientific research plan developed by the doctoral student under the guidance of the doctoral supervisor and approved by the CSD-IIR.

ART. 20

(1) The research activity of the doctoral student is evaluated by developing seven research reports presented to the steering committee as follows:

a) a report during the first year (R1), 6 months after the completion of the PPA, in the form of a project that must contain: the title of the doctoral thesis, the outlines of the future thesis, the state of knowledge in the field, the objectives of the study, the research methodology concerned, the schedule of the planned activities, etc.

b) five reports presented as follows: Report 2 – December year II, Report 3 – June year II, Report 4 – December year III, Report 5 – June year III, Report 6 – December year IV.

c) the doctoral thesis, proposed for analysis to the steering committee, in order to obtain the agreement for public defense – Report 7 (final report).

(2) The presentation of the reports may be public.

ART. 21

(1) The deadlines for supporting research reports are provided in the individual scientific research plan. The deadlines for defending the first three reports may be extended by a maximum of 6 months, at the request of the doctoral student, with the approval of the doctoral supervisor and with the approval of the director of the doctoral school. If the reports have not been submitted within the deadline, the doctoral student is proposed for expulsion.

(2) Report presentations are rated as 'Very Good', 'Good', 'Satisfactory' or 'Unsatisfactory'. At the defense, a report will be concluded that will be included in the student-doctoral student's file.

(3) In case of rejection of a report (which obtained the qualification "Unsatisfactory"), the doctoral student can redo it and defend it, following the same procedure, within 30 days from the date of rejection. If the report is rejected a second time, the doctoral student is proposed for expulsion.

(4) At SD-IIR, the deadlines for support and the grades awarded following the evaluation of scientific research reports are established in accordance with the aforementioned provisions.

ART. 22

Before defending the doctoral thesis before the steering committee, the PPA must be completed with the overall result PASSED, and the PCS must not include any research report rated "Unsatisfactory".

ART. 23

(1) The completion of the PCS, under the conditions of this Regulation, ensures the obtaining of 210 ECS credits (30 for each research report).

(2) At SD-IIR, PCS is conducted in accordance with the provisions mentioned above.

CHAPTER VIII

Completion of the study program

ARTICLE 24

(1) The completion of the doctoral studies is achieved by drafting and defending the doctoral thesis in a public meeting, in front of the commission for the public defense of the doctoral thesis. The doctoral thesis is elaborated according to the requirements established by the regulations of the doctoral school and by these Regulations.

(2) The title of the doctoral thesis may be modified, with the agreement of the doctoral supervisor and with the approval of the doctoral supervisor.
CSD, until the moment of its completion for public support.



- (3) The doctoral thesis is written in Romanian, English or another international language.
- (4) The doctoral thesis is written either in "standard" format or in "article" format.
- (5) The "standard" format comprises the following main chapters: (a) Critical study of literature data; (b) Original contributions; (c) General conclusions; (d) Bibliography.
- (6) The "article" format includes the following main chapters: (a) Presentation of the doctoral topic, methods and concepts used; (b) Article(s) in extenso published as scientific results of the doctoral thesis; (c) General conclusions; (d) Personal contributions; (e) Bibliography. In the case of this format, the doctoral student must be the first author of the extenso articles included in the thesis. This format is detailed by the SD Regulation.
- (7) At SD-IIR, the format of the doctoral thesis will be in accordance with the Guide for writing the doctoral thesis at national level proposed by CNATDCU, in conjunction with the Guide for writing the doctoral thesis approved at the level of IOSUD POLITEHNICA (and, as the case may be, at the level of SD-IIR approved by CSD-IIR).

ART. 25

- (1) The doctoral thesis is an original work, and it is mandatory to mention the source for any material taken over.
- (2) The doctoral thesis is a public document, the name and surname of the holder of the doctoral thesis, of the doctoral supervisor and of the members of the advisory and academic integrity committee, as well as the identification data of IOSUD being also public information.
- (3) The doctoral student is the author of the doctoral thesis and assumes the correctness of the data and information presented in the thesis, as well as of the opinions and demonstrations expressed in it.
- (4) The content of the doctoral thesis is established by the doctoral student in consultation with the doctoral supervisor and will respect the framework structure and the limitations imposed by the IOSUD-POLITEHNICA Bucharest regulation.
- (8) IOSUD, through the doctoral school, has the obligation to verify the doctoral thesis by means of a computer program for the detection of similarities before the public defense of the doctoral thesis. The verification is carried out on the basis of the standards contained in the National Guide on the Writing of Doctoral Theses, developed by the National Commission for the Attestation of University Titles, Diplomas and Certificates (CNATDCU). The results of the analysis will be made available to the doctoral student, the doctoral supervisor and the doctoral committee.

ART. 26

- (1) Public support can take place only after completing the following stages:
 - a) The doctoral student shall submit the doctoral thesis in electronic format to the secretariat of the doctoral school, together with the abstract of the doctoral thesis and the affidavit regarding the originality of the doctoral thesis;
 - b) the doctoral school performs the similarity analysis using a program recognized by CNATDCU;
 - c) The analysis and interpretation of the result of the similarity report are carried out both by the Academic Guidance and Integrity Commission and by the person designated by the Doctoral School. The similarity report must be verified by the guidance and academic integrity committee before the pre-defense and by the designated person before the official submission of the doctoral thesis;
 - d) At the SD-IIR level, the CSD appoints experts for the similarity analysis for the three doctoral fields: Industrial Engineering, Mechanical Engineering and Engineering and Management;
 - e) the allocation of doctoral theses to them is done transparently, based on a methodology approved by the CSD;
 - f) In the event that the similarity ratio indicates the need to make changes at the level of the doctoral thesis, the student and the doctoral supervisor are officially notified by the doctoral school. After correcting the notified elements, the stages from letters a) and b) are resumed);
 - g) In the SD-IIR, the resulting similarity coefficient cannot exceed the value of 10%, provided that this value is not concentrated in the second part of the doctoral thesis, which contains the original contributions of the doctoral student/ A similarity ratio indicating a coefficient higher than 10% entails the resumption of the public defense process, according to the PROCEDURE REGARDING THE COMPLETION OF DOCTORAL STUDIES WITHIN IOSUD-POLITEHNICA BUCHAREST, approved by the Senate of POLITEHNICA Bucharest;



h) the doctoral thesis is presented in the Guidance and Academic Integrity Committee, established at the level of the doctoral school;

i) After this pre-defense, which is public, the doctoral supervisor, in accordance with the recommendation of the commission and the results of the analysis of the similarity report, decides on the official submission of the thesis and the organization of the public defense;

j) the acceptance report of the doctoral supervisor and the agreement of the members of the commission are included in the "doctoral file"; the doctoral thesis is officially submitted to the secretariat of the doctoral school, in printed and electronic format, accompanied by the result of the analysis of the similarity report made by the designated person, together with the abstract of the doctoral thesis, the CV of the doctoral student and the estimated date for public defense; The Secretariat of the Doctoral School certifies the fulfillment by the doctoral student of all the obligations within the doctoral study program;

k) the doctoral thesis and its annexes will be available for public consultation for 90 calendar days, before the public defense, on the national platform managed by the Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI), in accordance with the legal provisions in force in the field of copyright;

l) During the period when the thesis is public on the national platform, any natural or legal person can make observations on the existence of deviations from the standards of ethics and deontology, including from the perspective of the existence of plagiarism. Comments can be submitted online, at an e-mail address provided by the doctoral school, or at the IOSUD registry. The observations are recorded in a report prepared by the doctoral school, which will be sent to the CSUD for analysis and decision in order to validate the initiation of the procedure for the public defense of the doctoral thesis and will be part of the doctoral file;

m) if the CSUD decision is validated, the procedure for the public defense of the doctoral thesis is initiated by establishing the doctoral committee;

n) if the CSUD invalidates the initiation of the procedure for the public defense of the doctoral thesis, the doctoral school receives recommendations regarding the revision of the doctoral thesis and the elimination of situations that do not comply with the standards of ethics and deontology, and the doctoral student has the obligation to remedy the content of the thesis within 3 months from the communication of the decision to invalidate the defense, with the resumption of the procedure for making the work transparent.

(2) The composition of the doctoral committee is proposed by the doctoral supervisor, endorsed by the doctoral school and approved by the CSUD. The doctoral committee is made up of at least 5 members: the president, as a representative of IOSUD (usually the director of SD-IIR, a representative of him or the members of the CSD-IIR, tenured in the university and within the SD-IIR), the doctoral supervisor and at least 3 reviewers from the country or abroad, specialists in the field in which the doctoral thesis was elaborated and of which at least 2 carry out their activity outside the respective IOSUD. The members of the doctoral committee have a doctoral degree and have at least the teaching function of associate professor or scientific researcher of the second degree or have the quality of doctoral supervisor, in the country or abroad.

(3) At the IIR Doctoral School, in order to publicly defend the doctoral thesis, a commission of specialists is proposed, called a doctoral committee, in accordance with the above provisions.

(4) The request for setting the date of public defense of the doctoral thesis is formulated by the doctoral student, endorsed by the doctoral supervisor and by the president of the defense committee. The application must be registered at the secretariat of the doctoral school at least 25 calendar days before the proposed date for the defendant. The proposed date for the defense cannot be earlier than the previously estimated date for the public defense.

(5) The doctoral thesis is also written in digital format. In the field of arts, the doctoral thesis can be accompanied by the digital recording of the original artistic creation. After the issuance of the doctoral degree, the doctoral thesis, in digital and printed format, is archived at the POLITEHNICA Bucharest library, with a permanent term.

(6) The doctoral school prepares and displays the announcement for the public defense at least 20 calendar days before the proposed date for the defense. It will necessarily include the location, date and time of the defense, the supervisor(s) of the doctoral program, as well as the place where the full text of the thesis can be consulted in printed format. The announcement of the public defense, the abstract of the thesis in electronic format, the scientific dissertation, the CV of the doctoral student, the CVs of the members of the public defense committee of the doctoral thesis or links to them are displayed on the IOSUD website.

(7) The doctoral thesis is defended in a public meeting in front of the doctoral committee, after evaluation by all the reviewers and the submission of their reports at least 15 days before the defense of the thesis. The defense of the doctoral thesis can take place in the presence of at least 4 of the members of the doctoral committee, with the mandatory physical participation of the president of the commission and the doctoral supervisor, the other members of the commission being able to participate in an online videoconference system. The public defense must include a question and answer session from the members of the doctoral committee and the public.

(8) Based on the public defense of the doctoral thesis, the referees' reports, the statement on the originality of the work and the analysis on the degree of similarity, the doctoral committee evaluates and deliberates on the awarding of the doctoral degree, in compliance with the minimum standards developed by CNATDCU for the granting of the doctoral degree.

(9) In case of non-fulfillment of the minimum standards necessary for the granting of the doctoral degree, the doctoral committee will specify the elements to be redone or completed in the doctoral thesis and will request a new public defense of the thesis. The second public defense of the thesis takes place in front of the same doctoral committee as in the case of the first defense. If the minimum standards are not met even at the second public defense, the doctoral degree will not be awarded, and the doctoral student will be expelled.

(10) If the doctoral student has fulfilled all the requirements provided in the scientific research program, as well as the minimum standards related to the field, the doctoral committee proposes to award the doctoral degree, a proposal that is submitted together with the doctoral file, within a maximum of 30 calendar days, to the CNATDCU.

(11) The structure of the doctoral file and the access to it will be regulated by a procedure developed by CNATDCU and approved by order of the Minister of Education, in compliance with the legislation in force.

(12) Within 90 calendar days from the receipt of the doctoral file, CNATDCU shall issue an assent regarding the compliance with the administrative procedure carried out at the level of IOSUD and the observance of the minimum criteria for awarding the doctoral degree. The administrative procedure includes as a distinct step the verification of the declaration on the originality of the work and the analysis of the reports on the degree of similarity.

(13) Within 30 calendar days from the receipt of the assent, IOSUD shall issue the decision to awarding of the doctoral degree, signed by the rector, prepares and issues the doctoral degree.

(14) If the CNATDCU decides that the administrative procedure carried out at the level of IOSUD did not comply with the provisions of this regulation, the doctoral file will be sent back to IOSUD to be reanalyzed and completed. It may be resubmitted to the CNATDCU for a new analysis, only after the resumption of the procedures provided for in para. (1) - (6).

(15) If the doctoral student does not opt for the separate publication of the thesis or some chapters of it, the digital form of the thesis remains public and will be freely accessible on the national platform managed by UEFISCDI, including after the decision to award the doctoral degree. The thesis will be awarded a copyright protection license.

(16) If the doctoral student chooses to publish the doctoral thesis or some chapters of it, he receives a grace period of maximum 24 months for this publication, during which time the doctoral thesis, in digital format, becomes inaccessible to the public. After the expiry of the grace period, if no notification regarding the separate publication of the thesis has been uploaded to the platform managed by UEFISCDI, the document in digital format automatically becomes freely accessible, with the attribution of a copyright protection license.

(17) After the publication of the thesis or some chapters thereof, the author has the obligation to notify IOSUD of this fact and to send the bibliographic indication and a link to the publication, which will then be made public on the national platform managed by UEFISCDI.

(18) After issuing the decision to award the doctoral degree, within a maximum of 180 days, IOSUD has the obligation to transmit to the National Library of Romania a printed copy of the doctoral thesis and its annexes, according to Law no. 111/1995 on the Legal Deposit of Documents, republished, a copy intended for the Intangible Fund, as well as a digital copy thereof, on electronic support, intended for consultation upon request, at the headquarters of the National Library of Romania, by any interested person, in compliance with the legal regulations in force.

(19) At SD-IIR, CȘD approves the start of the procedure for defending the doctoral thesis, based on the evaluation of the thesis, the scientific publications resulting from it and the fulfillment of the minimum CNATDCU

criteria in force for the granting of the doctoral degree in the specific field of the thesis.

(20) At SD-IIR, the registration of the doctoral thesis taught by the author, the similarity analysis, the defense of the doctoral thesis in front of the guidance and academic integrity committee, as well as the other stages of preparation for the public defense of the doctoral thesis are carried out in accordance with the provisions mentioned above and with those of the Procedure for the completion of doctoral studies within IOSUD-POLITEHNICA Bucharest, approved by the Senate of POLITEHNICA Bucharest.

(21) At SD-IIR, the completion of the doctoral studies is achieved by the elaboration and public defense, in front of the doctoral committee, of the doctoral thesis, in accordance with the provisions mentioned above and with those of the Procedure for the completion of doctoral studies within IOSUD-POLITEHNICA Bucharest, approved by the Senate of POLITEHNICA Bucharest.

CHAPTER IX

University ethics and deontology

ART. 27

(1) In teaching and university research activities, it is mandatory to comply with the norms of university ethics and deontology, regulated by the Code of Ethics and University Deontology of POLITEHNICA Bucharest.

(2) Any complaints regarding non-compliance with the norms of university ethics and deontology shall be registered and resolved in accordance with the Code of University Ethics and Deontology of POLITEHNICA Bucharest, elaborated on the basis of the framework code of university ethics and deontology, approved by Government decision.

(3) Failure to comply with the rules of ethics and university deontology, including the attestation of cases of proven plagiarism, may attract the public liability of IOSUD.

CHAPTER X

Transparency

ART. 28

IOSUD guarantees the transparency of the organization and conduct of doctoral study programs at the level of all its doctoral schools.

ART. 29

(1) The doctoral schools, with the logistical support of IOSUD, will ensure the publication on the internet of all the necessary information regarding the doctoral study programs, especially targeting the following categories:

- a) the regulation of the doctoral school;
- b) information on vacancies for doctoral students;
- c) information on vacancies for doctoral supervisors;
- d) information on the organization and conduct of doctoral programs;
- e) information on the content of doctoral study programs;
- f) information on how to finance studies;
- g) the model of the framework contract for doctoral studies;
- h) information on the doctoral supervisors and doctoral students they coordinate, including at least the list of their publications and patents;
- i) information on the results and professional performances of doctoral supervisors;
- j) the guide on the drafting of doctoral theses, respectively standards for their elaboration, procedures and evaluation criteria;
- k) the minimum standards developed by CNATDCU for awarding the doctoral degree;
- l) the abstracts of the doctoral theses to be defended publicly, as well as the date, time and location of the public defenses, at least 20 days before their defense;



m) the addresses where the completed doctoral theses can be accessed.

(2) IOSUD publishes on its website the annual self-assessment report, which will necessarily contain references to the feedback of doctoral students regarding the quality of the educational process.

(3) SD-IIR will ensure transparency and access to information in accordance with the above provisions.

CHAPTER XI

External evaluation of doctoral studies

ART. 30

- (1) The external evaluation of IOSUD, respectively of the fields of doctoral studies in order to authorize provisional operation or accreditation is carried out in accordance with the provisions of Title IV - Quality Assurance in Higher Education of Law no. 199/2023 on higher education, with subsequent amendments and completions.
- (2) The director of SD-IIR, together with the members of the CSD and the field managers are responsible for preparing the self-evaluation report and sending it, in due time, to IOSUD-POLITEHNICA in order to send it to the external evaluator.

CHAPTER XII

Final provisions

ART. 31 Regulations of the Faculty Councils

The IIR Faculty Council may introduce specific regulations and specifications regarding the professional activity of doctoral students that do not contravene these Regulations and the legislation in force, with the approval of the POLITEHNICA Bucharest Senate.

ART. 32 Approval of the regulation

This Regulation of the SD-IIR of IOSUD Politehnica enters into force from the date of its approval by CSUD POLITEHNICA and applies to all doctoral students who enroll in SD-IIR starting with 2025.

ART. 33 Amendment of the regulation

The amendment of this Regulation shall be made by the CŞD-IIR, at the proposal of the director of the SD-IIR, of one third of the number of members of the CSD, or of one third of the number of affiliated doctoral supervisors.

ART. 34 Obligation of the regulation

This regulation is mandatory for the entire academic community (tenured or associate professors and doctoral students) within SD-IIR.

