



Curriculum vitae Europass



PERSONAL INFORMATION

Name / First name DOSA ION
 Address(es) Aleea Poporului, bl. 3A, sc. II, ap.19, cod 332024, Petroșani, jud. Hunedoara, România
 Telephone number(s) 0254-544098 Mobile: 0722409040
 E-mail(s) i_dosa@hotmail.com
 Date of birth 28 January 1967
 Gender Male

WORK EXPERIENCE

Period 21 April 2016 – to present
 Occupation or position held Vice Dean
 Main activities and responsibilities Coordinating and supervising scientific research of the Faculty of Mechanical and Electrical Engineering. Supporting the activities of the Dean in the administrative area of the Faculty of Mechanical and Electrical Engineering.

Period 21 February 2016 – to present
 Occupation or position held Associate professor
 Main activities and responsibilities Development of courses, seminars and laboratory work in the field of: Fluid Mechanics, Fluid mechanics and Hydraulic Machines, Fundamentals of hydraulic, General hydraulics, Heat and Mass Transfer, Thermal Plants and Equipment; Energy Balance, Rational Management of Energy, Transfer Processes and Unit Operations, conducting research, coordinating students at symposiums, student professional practice activities with groups of students of the university

Period 23 February 2004 – to the present
 Occupation or position held Assistant professor
 Main activities and responsibilities Development of courses, seminars and laboratory work in the field of: Fluid Mechanics, Fluid mechanics and Hydraulic Machines, Fundamentals of hydraulic, General hydraulics, Heat and Mass Transfer, Thermal Plants and Equipment; Energy Balance, Rational Management of Energy, Transfer Processes and Unit Operations, conducting research, coordinating students at symposiums, student professional practice activities with groups of students of the university

Name and address of employer Universitatea din Petroșani, str. Universității, nr. 20, Petroșani
 Type of business of field of activity Teaching

Period 21 December 2003 – 22 February 2004
 Occupation or position held Editor
 Main activities and responsibilities Preparing and checking works for printing. Supervision of book production. Setting the editorial plan.

Name and address of employer General Tehnoart SRL, str. St. O. Iosif, bl.2C, sc.4, ap.45, Petroșani
 Type of business of field of activity Publishing

Period 20 October 2003 – 18 December 2003
 Occupation or position held Power engineer
 Main activities and responsibilities Coordinating and scheduling the maintenance, current repairs and overhaul of electrical installations. Carrying out the electrical maneuvers with the regional energy dispatcher.

Name and address of employer Vulcan Underground Mine
 Type of business of field of activity Industry

Period 20 May 2002 – 20 October 2003

Occupation or position held	Deputy head of sector
Main activities and responsibilities	Management and scheduling the maintenance, current repairs and overhaul of electrical installations. Carrying out the electrical maneuvers in own equipment and with the regional energy dispatcher. Management and scheduling the maintenance, current repairs and overhaul of mechanical installations of the electromechanical sector.
Name and address of employer	Vulcan Underground Mine
Type of business of field of activity	Industry
Period	01 January 2002 – 20 May 2002
Occupation or position held	Power engineer
Main activities and responsibilities	Coordinating and scheduling the maintenance, current repairs and overhaul of electrical installations. Carrying out the electrical maneuvers with the regional energy dispatcher.
Name and address of employer	Vulcan Underground Mine
Type of business of field of activity	Industry
Period	01 March 2001 – 01 January 2002
Occupation or position held	Deputy head of sector
Main activities and responsibilities	Management and scheduling the maintenance, current repairs and overhaul of electrical installations. Carrying out the electrical maneuvers in own equipment and with the regional energy dispatcher. Management and scheduling the maintenance, current repairs and overhaul of mechanical installations of the electromechanical sector.
Name and address of employer	Vulcan Underground Mine
Type of business of field of activity	Industry
Period	08 October 1998 – 01 March 2001
Occupation or position held	Electromechanical engineer
Main activities and responsibilities	Coordinating and supervising the maintenance, current repairs and overhaul of electromechanical installations. Carrying out the electrical maneuvers in own equipment and with the regional energy dispatcher.
Name and address of employer	Vulcan Underground Mine
Type of business of field of activity	Industry
Period	01 February 1998 – 08 October 1998
Occupation or position held	Head of electrical and mechanical office
Main activities and responsibilities	Managing, coordinating and supervising the maintenance, current repairs and overhaul of electromechanical installations. Carrying out the electrical maneuvers in own equipment and with the regional energy dispatcher. Also managing the supply and transportation activities within the company.
Name and address of employer	Vulcan Underground Mine
Type of business of field of activity	Industry
Period	01 October 1994 – 01 February 1998
Occupation or position held	Engineer at the electrical and mechanical office
Main activities and responsibilities	Coordinating and supervising the maintenance, current repairs and overhaul of electromechanical installations. Carrying out the electrical maneuvers in own equipment and with the regional energy dispatcher. Supervising the supply and transportation activities within the company.
Name and address of employer	Vulcan Underground Mine
Type of business of field of activity	Industry
Period	01 August 1991 – 01 October 1994
Occupation or position held	Engineer for underground operations
Main activities and responsibilities	Supervising the maintenance, current repairs and overhaul of electromechanical installations within the company.
Name and address of employer	Vulcan Underground Mine
Type of business of field of activity	Industry

EDUCATION AND TRAINING

Period	June - September 2010
Qualification / diploma obtained	Energy audit of existing buildings and the related heat supply systems, Diploma nr.0005051 series I, nr.424 of 10.08.2013

Fields of study / professional skills acquired	The methodology for calculating the energy efficiency of buildings. Heating systems. Cogeneration systems. Calculation of energy consumption and energy efficiency for indoor lighting systems. Energy efficiency of existing buildings, implementation of heat pumps in heating and air-conditioning. Energy audit of refrigeration systems. Building constituents. Energy performance of buildings imposed by technical regulations. Embodiment solutions of the construction elements used for residential buildings in Romania. Energetic of thermal equipment for heating installations. Meteorological factors and climate inside buildings. Energy analysis of heating stations and heating networks. Installations for production and distribution of hot water. Ventilation rate influence on the energy efficiency of buildings.
Organization name and type / training provider	Technical University of Civil Engineering Bucharest Faculty of Installations
Level in national or international classification	ISCED 6
Period	13 September 2010 – 21 September 2010
Qualification / diploma obtained	Project manager, certificate issued on 29.10.2010 nr.0176 Series B nr.0038022 and Certificate Supplement.
Fields of study / professional skills acquired	Purpose of the project. Establishing integrated project management requirements. Project planning and milestones. Cost management and operational resources used for the project. Making procurement for project. Risk management. Team management. Project Communication Management. Project quality management.
Organization name and type / training provider	MMSSF and MECT, EXELO TRAINING&DEVELOPMENT, FPA provider
Level in national or international classification	ISCED 6
Period	September 2007- October 2007
Qualification / diploma obtained	Trainer of trainers, certificate issued on 21.11.2007 264 Series B nr.0036531 and Certificate Supplement.
Fields of study / professional skills acquired	Professional development of trainer of trainers. Preparation and processing of administrative documents. Fostering communication and teamwork implication. Providing counseling services. Organizing and monitoring training sessions. Market research and promotion of training programs. Designing own training activity as trainer of trainers. Develop training strategy, evaluation of clients, products and programs. The design and development of courses / training sessions. Selecting the working methods and procedures and performing training programs.
Organization name and type / training provider	MMSSF and MECT, Chamber of Commerce and Industry of Hunedoara county, FPA provider
Level in national or international classification	ISCED 6
Period	31 October 2007
Qualification / diploma obtained	Energy auditor authorization, class B, individual, no. 62 / 31.10.2007, renewal no. 526/17.12.2015
Fields of study / professional skills acquired	Fundamentals of thermoenergetics. Measurement of mechanical quantities. Preparation and analysis of thermal power balance.
Organization name and type / training provider	Regulatory Authority for Energy (ANRE)
Period	02 April 2007 - 30 June 2007
Qualification / diploma obtained	Calculation of thermal power balance, Series G, Nr. 002 735, no. 135 of 13 November
Fields of study / professional skills acquired	Fundamentals of thermoenergetics. Measurement of mechanical quantities. Preparation and analysis of thermal power balance.
Organization name and type / training provider	Technical University of Cluj-Napoca
Level in national or international classification	ISCED 6
Period	1992 - 1999
Qualification / diploma obtained	Ph. D. in Engineering; Specialty: Mining machines and installations; University of Petrosani, 1999, title of thesis: Research on energetics of thermal and fluid dynamic processes in mining pneumatic installations, a Ph. D. diploma - Series R nr.0003104, Minister of National Education Order no. 3772 / 05.05.1999
Fields of study / professional skills	Numerical methods in fluid mechanics. Thermal engineering and gas dynamics. Mining pneumatic

acquired installations.

Organization name and type / training provider University of Petroșani

Level in national or international classification ISCED 6

Period 1986-1991

Qualification / diploma obtained Engineering Diploma, Field: Mechanics, Specialty: Mining machines and installations, Series J no.10174, No. 156 / 06.26.1991

Fields of study / professional skills acquired Mathematical analysis; Chemistry; Linear algebra, analytic and differential geometry; Descriptive geometry and technical drawing; Mechanics; Computers and programming; Technology of materials; Physics; Strength of materials; Special Mathematics; Fundamentals of electrical engineering; Electrical measurements and electrical appliances; Mechanisms and machine parts; Thermodynamics and thermal machines; Industrial electronics; Machines and electric drives; Fluid mechanics, hydraulic machinery and fluid drives; Machines and electric drives; Mining machinery; Technology of manufacture and repair of mining equipment; Mining electrical installations; Fundamentals of automation; Mining machinery; Mining equipment for loading and transportation; Reliability and safety; Electrification of mining. Equipment for extractive metallurgy.

Organization name and type / training provider Technical University of Petroșani, Faculty of Mining Machines and Installations

Level in national or international classification ISCED 5

Period September 1981 – June 1985

Qualification / diploma obtained Baccalaureate diploma, Series D, nr.169928, No. 49 / 01.07.1985

Fields of study / professional skills acquired Algebra. Mathematical analysis. Geometry. Physics. Chemistry. Romanian language. German language. English language. Applied mathematics in computing. Programming / Assistant programmer

Organization name and type / training provider Mathematics and Physics High School of Petroșani, Specialty: mathematics

Level in national or international classification ISCED 3

PERSONAL SKILLS

Mother tongue(s) Hungarian

Primary language Romanian

Other language(s)

Self-assessment

Level (*)

English

German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C 1	Proficient user	C 1	Proficient user	B 2	Independent user	B 2	Independent user	C 1	Proficient user
A 2	Basic User	A 2	Basic User	A 1	Basic User	A 1	Basic User	A 1	Basic user

(*) *Common European Framework of Reference for Languages*

Social skills Team spirit, ability to adapt, communicative, dynamic and empathetic.

Organizational skills Good skills of organization and management, acquired during the period of professional experience, organizational and specialty studies.

Technical skills Synthesis capacity and technical skills acquired and improved in the period of activity in the specialty field.

Computer skills MathCad, AutoCad, Microsoft Office, CorelDraw, programming: C, FoxPro

Artistic skills Photographer

Other skills Capacity of documenting, balanced and rationale to support own point of view or the point of view of other specialists, gained through participation in scientific sessions;

Project team member: "Invest in people!"
 EUROPEAN SOCIAL FUND
 Sectoral Operational Programme Human Resources Development 2007 - 2013, Priority 5 "Promoting

active employment measures" Key Area of Intervention 5.2. "Promoting long-term sustainability of rural areas in terms of human resource development and employment"

Project title: Development of the labor market by promoting rural non-agricultural occupations

Project ID: ID 3930

Contract no. HRD / 13 / 5.2 / S / 11

Project coordinator: Professor Ion DONA of the applicant: University of Agriculture and Veterinary Medicine Bucharest and the University of Petrosani as partner. Partner Coordinator: Professor Florian Buse. Value: 14 545 000.00 lei period: 2010-2011

Trainer for occupation "Water utility plumber" for 2 modules

EUROPEAN SOCIAL FUND

Contract no. HRD / 86 / 1.2 / S / 60720, "Developing and implementing a system for monitoring and evaluation of quality improvement in open and distance higher education, based on performance indicators and international quality standards"

Graduation certificate, "Training and awareness to ensure quality in distance education – ID"

Graduation Diploma of training program "Quality management in higher education"

Driving license

category B.

ANNEXES

Data: 08.06.2016