

Curriculum Vitae



Personal information

First name(s) / Surname(s) **Alin DINITA**
Address(es)
Telephone(s)
E-mail adinita@upg-ploiesti.ro
Nationality Romanian
Date of birth 21.09.1976

Work experience

Dates 03.2020 - present

Occupation or position held **Dean**

Main activities and responsibilities Elaborates the development strategies of the Faculty of Mechanical and Electrical Engineering. Elaborates the policies in the field of quality and deals with the implementation and ensuring the functioning of the Quality Assurance System at the level of the Faculty of Mechanical and Electrical Engineering. Coordinates the activities of elaboration of the necessary documentation for the authorization, accreditation and periodic self-evaluation of all the study programs from the Faculty of Mechanical and Electrical Engineering. Coordinates the management of the financial resources allocated to the Faculty of Mechanical and Electrical Engineering and the detection and capitalization of the own financing sources of this faculty.

Dates 03.2016 - present

Occupation or position held **Vice-dean**

Main activities and responsibilities Participates in the preparation of annual reports on faculty management, insurance quality and observance of the rules of academic ethics at the faculty level; Participates in the meetings of the Faculty Council and applies the decisions of the Rector, of the Council of administration and the Senate of the University; Replaces the dean of the faculty, within the limits established by the decision on employment and payment budgetary expenses; Analyses and proposes the regulation of annual exams for bachelor's and dissertations.

Name and address of employer **Petroleum-Gas University of Ploiesti**, Mechanical and Electrical Engineering Faculty, Bucuresti Street, no. 39, Ploiesti, Romania

Type of business or sector	Education
Dates	03.2013 - present
Occupation or position held	Assistant professor
Main activities and responsibilities	Courses - Study and Materials Engineering, construction technology and machine maintenance; Design (Ansys); Project Coordination and Laboratory Coordination, Coordination of Diploma Projects and Dissertations
Name and address of employer	Petroleum-Gas University of Ploiesti, Mechanical and Electrical Engineering Faculty, Bucuresti Street, no. 39, Ploiesti, Romania
Type of business or sector	Education
Dates	03.2005 - 03.2013
Occupation or position held	Assistant
Main activities and responsibilities	Project Coordination and Laboratory Coordination
Name and address of employer	Petroleum-Gas University of Ploiesti, Mechanical and Electrical Engineering Faculty, Bucuresti Street, no. 39, Ploiesti, Romania
Type of business or sector	Education
Dates	03.2004 - 03.2005
Occupation or position held	Designing Engineer
Main activities and responsibilities	Design and execute flexible pipes from stainless steel
Name and address of employer	SC Amplo SRL, Petrolului no. 10, postcode 100521 - Ploiesti, Prahova, Romania
Type of business or sector	Petroleum Company
Education and training	
Dates	October 2006 - March 2011
Title of qualification awarded	PhD. in Mechanical Engineer
Principal subjects/occupational skills covered	Theoretical and experimental analysis of the influences of dent - gouge flaws on the mechanical strength of the natural gas transmission pipelines
Name and type of organisation providing education and training	Petroleum-Gas University of Ploiesti
Dates	October 2005 - March 2006
Title of qualification awarded	Risk's Management / Master degree
Principal subjects/occupational skills covered	Using risk analysis to establish maintenance programs for underground pipelines
Name and type of organisation providing education and training	Petroleum-Gas University of Ploiesti

Dates October 2004 – March 2005
 Title of qualification awarded Reliability of the Petrochemical and Chemical Refineries / Master degree
 Principal subjects/occupational skills covered The principles for monitoring and evaluation of the defects on the natural gas pipes
 Name and type of organisation providing education and training Petroleum-Gas University of Ploiesti

Dates October 1999 – July 2004
 Title of qualification awarded Petrochemical and Chemical Refineries / Engineer diploma
 Principal subjects/occupational skills covered Design and optimization of the constructions for a DAV column
 Name and type of organisation providing education and training Petroleum-Gas University of Ploiesti

Personal skills and competences

Mother tongue(s) **Romana**

Other language(s)

Self-assessment

European level (*)

Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	English	C1	English	C1	English	C1	English	C1	English

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences Great communication skills, team work player, easy adaptability to new circumstances, member of the Romanian Association of Fracture Mechanics - secretary, Romanian Tribology Association - member.

Organisational skills and competences Worked as a team member for different research projects; Admission committee secretary of the Faculty of Mechanical and Electrical Engineering; Responsible for the Erasmus Program; Secretary of the Bachelor's degree examination board

Computer skills and competences Autocad, SolidEdge, Microsoft Office, Mathcad, Ansys

- Experimental and Numerical Testing of Gas Pipeline Subjected to Excavator Elements Interference** By: Neacsu, Adrian; Alin, Dinita; Baranowski, Pawel; et al.
 JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME
 Volume: 138 Issue: 3 Article Number: 031701 Published: JUN 2016
- Mechanical Properties of a New Composite Sleeve for Pipeline Repair** By: Zecheru, Gheorghe; Lata, Ilie E.; Draghici, Gheorghe; et al.
 MATERIALE PLASTICE Volume: 48 Issue: 1 Pages: 88-92 Published: MAR 2011
- Finite Element Stress Analysis of Pipelines with Advanced Composite Repair** By: Dinita, A.; Lambrescu, I.; Chebakov, M. I.; et al.
 NON-DESTRUCTIVE TESTING AND REPAIR OF PIPELINES Book Series: Engineering Materials Pages: 289-309 Published: 2018
- Non Uniformity of Composite Materials Reinforced with Carbon and Carbon-Kevlar Fibers Fabric** By: Stanescu, Marius Marinel; Bolcu, Dumitru; Cluca, Ion; et al.
 MATERIALE PLASTICE Volume: 51 Issue: 4 Pages: 355-358 Published: DEC 2014
- Design of Composite Repair Systems** By: Zecheru, Gh.; Dumitrescu, Andrei; Dinita, A.; et al. NON-DESTRUCTIVE TESTING AND REPAIR OF PIPELINES Book Series: Engineering
- Experimental Research on the Triangular Lattice Type Polymer Based Composites Structures for Sandwich Panels Construction** By: Durbaca, Adrian Costin; Iatan, Radu; Durbaca, Ion; et al. MATERIALE PLASTICE Volume: 54 Issue: 4 Pages: 639-644 Published: DEC 2017
- Experimental Research into the Mechanical Behaviour of Dammar and Sandarac - Based Bio Resins** By: Bolcu, Dumitru; Stanescu, Marius Marinel; Ciuca, Ion; et al. MATERIALE PLASTICE Volume: 56 Issue: 1 Pages: 1-5 Published: MAR 2019
- SURFACE REPAIRS BY MMAW AND MIG - INFLUENCES ON FRACTURE ENERGY** By: Ciocoiu, R.; Navodariu, N.; Dinita, A.; et al. UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE Volume: 81 Issue: 3 Pages: 209-218 Published: 2019
- Tribological characterization of the drill pipe tool joints reconditioned by using welding technologies** By: Caltaru, M.; Badicioiu, M.; Ripeanu, R. G.; et al. Conference: 9th International Conference on Tribology (Balkantrib) Location: TURKEY Date: SEP 13-15, 2017 9TH INTERNATIONAL CONFERENCE ON TRIBOLOGY (BALKANTRIB'17) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 295 Article Number: UNSP 012010 Published: 2018
- Tribological characterization of the drill collars and casing friction couples** By: Ripeanu, R. G.; Badicioiu, M.; Caltaru, M.; et al. Conference: 9th International Conference on Tribology (Balkantrib) Location: TURKEY Date: SEP 13-15, 2017 9TH INTERNATIONAL CONFERENCE ON TRIBOLOGY (BALKANTRIB'17) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 295 Article Number: UNSP 012009 Published: 2018
- Characterisation of Volumetric Surface Defects** By: Dumitrescu, Andrei; Zecheru, Gh.; Dinita, A. NON-DESTRUCTIVE TESTING AND REPAIR OF PIPELINES Book Series: Engineering Materials Pages: 117-135 Published: 2018
- Studies on Tribological Behavior of Aluminum Nitride-Coated Steel** By: Ionescu, G. C.; Nae, I.; Ripeanu, R. G.; et al. Conference: 13th International Conference on Tribology (ROTRIB) Location: Galati, ROMANIA Date: SEP 22-24, 2016 13TH INTERNATIONAL CONFERENCE ON TRIBOLOGY (ROTRIB'16) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 174 Article Number: UNSP 012052 Published: 2017
- Conformity assessment of the measurement accuracy in testing laboratories using a software application** By: Dinita, A. Conference: 13th International Conference on Tribology (ROTRIB) Location: Galati, ROMANIA Date: SEP 22-24, 2016, 13TH INTERNATIONAL CONFERENCE ON TRIBOLOGY (ROTRIB'16) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 174 Article Number: UNSP 012069 Published: 2017

Monographs or chapters in specialized monographs	<p>Rîpeanu, R.G., Tudor, I., Zecheru, Gh., Trifan, C., Drumeanu, A.C., Dinita, A. Ingineria Coroziunii și Managementul Riscului Rețelelor Metalice de Distribuție a Gazelor Naturale. ISBN 978-606-8312-94-1. Editura KARTA-GRAPHIC Ploiești, (CNCSIS 340). 2013</p> <p>A. Diniță, I. Lambrescu, M.I. Chebakov, Gh. Dumitru; Non-destructive Testing and Repair of Pipeline, Part VI; Finite Element Stress Analysis of Pipelines with Advanced Composite Repair; Springer - Engineering Materials; 2017, 21 pag.</p> <p>A. Dumitrescu, Gh. Zecheru, A. Diniță, P. Yukhymets; Non-destructive Testing and Repair of Pipeline, Part III; Design of Composite Repair System; Springer - Engineering Materials; 2017, 19 pag.</p> <p>Gh. Zecheru, A. Dumitrescu, A. Diniță; Non-destructive Testing and Repair of Pipeline, Part II; Characterization of Volumetric Surface Defects; Springer - Engineering Materials; 2017, 19 pag.</p>
Internațional contract	<p>INNOVATIVE NONDESTRUCTIVE TESTING AND ADVANCED COMPOSITE REPAIR OF PIPELINES WITH VOLUMETRIC SURFACE DEFECTS Acronym: INNOPIPES Program: FRAMEWORK 7 (Marie Curie Actions) Grant Agreement Number: PIRSES-GA-2012-318874 Duration of the project: 48 months Project start date: 1 September 2012. http://www.ims.rtu.lv/innopipes/en</p>
Courses	<p>Project Manager COR code 241919, Center for the Implementation of Performed Management Bucharest, 2006 - certificate B series, no. 0030378.</p> <p>Operator for word processing COR code 411305, S.C. MEMORY S.R.L. Hunedoara, 2012, H series certificate, no. 00,137,508.</p> <p>CERTIFICATE OF REVIEWING, "American Journal of Mechanical and Industrial Engineering(AJMIE); ISSN Print: 2575-6079; ISSN Online: 2575-6060; http://www.sciencepublishinggroup.com/j/ajmie".</p>

Assistant professor Alin DINITA