

Curriculum Vitae

Personal Information

First Name / Surname
Address
Phone no.
Date of birth

ULMEANU Mihaela - Elena

Bld. 1 Mai, nr. 41, bl. C16, ap. 15, sector 6, Bucharest, Postal code 032457, Romania

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15.05.1985

E-mail: mihaela.ulmeanu@upb.ro

Nationality: Romanian

Work Experience

Dates
Occupation or position held

March 2021 – Present/ October 2019 – Present/ April 2013 – October 2019 / May 2010 – April 2013

Vice Dean, Associate professor /Lecturer / Assistant Professor

Main activities and responsibilities

Teaching the following: • course, laboratory and project: Additive Manufacturing Technologies (in English and Romanian, Bachelor and Master study programme); • course, laboratory and project: Computer Aided Design (in English and Romanian, Bachelor study programme); • laboratory and project: Product Design and Development (In English, Bachelor study programme); • laboratory: Product Development (in Ro, Master study programme); • project: RD&I Project Management (in Ro, Master study programme); • project: Individual Design Project (in Ro, Master study programme); • laboratory: Design and Ergonomics (in Ro, Bachelor study programme); • project: Production Management and Programming (in Ro, Bachelor study programme); • laboratory: Cold Plastic Deformation (in Ro, Bachelor study programme); • seminar: Production Process Engineering and Management (in Ro, Bachelor study programme).

Name and address of employer

National University of Science and Technology POLITEHNICA Bucharest, Faculty of Industrial Engineering and Robotics, Splaiul Independenței, no. 313, sector 6, Bucharest, Tel: +4021 402 99 75 – Site: <http://www.upb.ro/>

Type of business or sector

Research and Education

Education and training

Dates

May 2014 – December 2015

Title of qualification awarded

Postdoctoral Degree, Field: Industrial Engineering

Principal subjects/occupational skills covered

Title of postdoctoral thesis: „Research regarding the application of Additive Technologies for the development of bespoke medical products”, University POLITEHNICA of Bucharest, Faculty of Engineering and Management of Technological Systems, Project POSDRU ID 132397 (scholarship).

Dates

October 2009 – October 2012

Title of qualification awarded

PhD in Engineering, Field: Industrial Engineering

Principal subjects/occupational skills covered

Title of postdoctoral thesis: „Research Regarding the Application of Technical Functional Analysis Method in Product Development, for Additive Manufactured Products”, University POLITEHNICA of Bucharest, Faculty of Engineering and Management of Technological Systems, Project POSDRU ID 61178 (scholarship).

Dates

2004 –2009

Title of qualification awarded

Bachelor of Engineering, Field: Industrial Engineering, Specialization: Economic Industrial Engineering

University POLITEHNICA of Bucharest, Faculty of Engineering and Management of Technological Systems

Dates

2004 –2008

Title of qualification awarded

Bachelor of Economics, Field: International Business and Economics, Specialization: International Business

Bucharest Academy of Economic Studies, Faculty of International Business and Economics

Representative research papers

- 1.Ulmeanu M.E., Mates I.M., Doicin C.V., Mitrica M., Chirtes V.A., Ciobotaru G., Semenescu A., Bespoke Implants for Cranial Reconstructions: Preoperative to Postoperative Surgery Management System, Bioengineering-Basel, Volume10, Issue5, DOI10.3390/bioengineering10050544, WOS:000995566000001, 2023, Impact Factor = 4.6 (Q2)
- 2.Aykanat F., Kose O., Guneri B., Celik H.K., Cakar A., Tasatan E., Ulmeanu M.E., Comparison of four different screw configurations for the fixation of Fulkerson osteotomy: a finite element analysis, Journal of Orthopaedics and Traumatology, Volume 24, Issue 1, DOI10.1186/s10195-023-00714-6, WOS:001013751600001, 2023, Impact Factor = 2.8 (Q2)
- 3.Ulmeanu M.E., Doicin C.V., Spănu P., Comparative Evaluation of Sustainable Framework in STEM Intensive Programs for Secondary and Tertiary Education, Sustainability, Volume 13, Issue 2, Article Number978, DOI10.3390/su13020978, WOS:000611743500001, PublishedJAN 2021, Impact Factor = 3.251 (Q2)
- 4.Celik HK; Kose O; Ulmeanu ME; Rennie AEW; Abram TN; Akinci I; Design and Additive Manufacturing of Medical Face Shield for Healthcare Workers Battling Coronavirus (COVID-19), International Journal of Bioprinting, Volume 6, Issue4, Page30-50, DOI10.18063/ijb.v6i4.286, WOS:000571775500003, Published 2020, Impact Factor = 6.638 (Q1)