



PERSONAL INFORMATION

Family Name, First Name: Nikolaos Ntinis
Place/Date of Birth: Kozani, Greece / 16 September 1970
Gender: Male

EDUCATION & PROFESSIONAL TRAINING

2013-2014 : **MSc in Mechatronics**
MSc in Mechatronics, Department of Electrical Engineering, University of Applied Sciences of Western Macedonia.

2015-present : **Post Graduate in Electrical Engineering**
Post Graduate Studies in Electrical Engineering, Department of Electrical Engineering, University of Applied Sciences of Western Macedonia.

07/1997 : **Post Graduate in Electronics Engineering**
Post Graduate Studies in Electronics Engineering, Department of Electronics Engineering University of Applied Sciences of Thessaloniki.

CURRENT POSITIONS

07/06/19-present : **Department of Mechanical Engineering, University of Western Macedonia,**
Koila Kozanis, Kozani 501 00, Greece, tel.: +30 24610 68019
Teaching and Research Associate: Teaching CAD/CAM and Mechanical Design Courses, CAD & 3D Printing Laboratory, Department of Mechanical Engineering, University of West Macedonia.

09/2019-present : **Department of Mechanical Engineering, University of Western Macedonia,**
Koila Kozanis, Kozani, 50 100, Greece, tel.: +30 24610 68019.
Lab Coordinator: Laboratory of Biomaterials and Computational Mechanics, Department of Mechanical Engineering, University of Western Macedonia, Koila Kozanis, Kozani, 50 100, Greece, w. <http://bcm.mech.uowm.gr/>, e. ndinas@uowm.gr, t. +30 2461 0 56631, f. +30 24610 56601

2016-present : **Department of Mechanical Engineering, University of Western Macedonia,**
Koila Kozanis, Kozani, 50 100, Greece, tel.: +30 24610 68019.
Head Coordinator:
Formula SAE Racing Car Designing and 3D Printing parts, University of Western Macedonia, Department of Mechanical Engineering.



PREVIOUS PROFESSIONAL EXPERIENCE

- 11/02/14-07/06/19** : **Department of Mechanical Engineering, University of Western Macedonia, Koila Kozanis, Kozani, 50 100, Greece, tel.: +30 24610 68019.**
Role: Teaching and Research Associate
CAD & 3D Printing Laboratory, Department of Mechanical Engineering & Industrial Design, University of Applied Science of Western Macedonia.
- 2016-2018** : **Department of Mechanical Engineering & Industrial Design, University of Applied Science of Western Macedonia, Koila Kozanis, Kozani, 50 100, Greece, tel.: +30 24610 68019.**
Role: Teaching and Research Associate
Master of Science in CAD/CAM Systems and Product Design, Department of Mechanical Engineering & Industrial Design, University of Applied Science of Western Macedonia.
- 16/11/04-11/02/14** : **Department of Mechanical Engineering & Industrial Design, University of Applied Science of Western Macedonia, Koila Kozanis, Kozani, 50 100, Greece, tel.: +30 24610 68019.**
Role: Technical Staff
CAD Laboratory, Department of Mechanical Engineering & Industrial Design, University of Applied Science of Western Macedonia.
- 19/12/01-16/11/04** : **Department of Architecture, University of Thessaly, Pedion Areos, Volos, 38334, Greece, tel.: +30 24210 74239.**
Role: Technical Staff
CAD and Optical-Audio Documentation Laboratory, Department of Architecture, University of Thessaly, Pedion Areos, Volos, Greece.
- 09/1999-09/2001** : **Department of Mechanical Engineering & Industrial Design, University of Applied Science of Western Macedonia, Koila Kozanis, Kozani, 50 100, Greece, tel.: +30 24610 68019.**
Role: Teaching Associate
CAD Laboratory, Department of Mechanical Engineering & Industrial Design, University of Applied Science of Western Macedonia.
- 01/09/97-31/09/01** : **Owner Computer Service and Microsoft Seminars Company "LCS Computers".**



PREVIOUS TEACHING/ACADEMIC APPOINTMENTS

- 09/1999-09/2001** : **Department of Mechanical Engineering & Industrial Design, University of Applied Science of Western Macedonia, Koila Kozanis, Kozani, 50 100, Greece, tel.: +30 24610 56600.**
Teaching Associate: Teaching, Courses: CAD I, CAD II, CAD IV, CAD V, CAD VI, CAM,(EDS - Ideas v.6.0, PTC ProEngineer - WildFire v2.0, Autocad v.2002, 3D Studio MAX v5.0, Rhinoceros v.3.0).
- 10/1997-06/2003** : **Organization for Vocational Education and Training, Vocational Training Institute of Volos/Kozani/Ptolemaida/Grevena, Greece, Manpower Employment Organization-Organization for Vocational Education and Training, Vocational Training Institute of Kozani, Kozani, Greece.**
Teaching Associate: Teaching, Courses: Audiovisual, Multimedia, Autocad, Visual Basic, Java, MSOffice 2002, Computer LAN, Electrical Design, Graphic and Animation (CorelDraw, Autodesk 3D Studio MAX).
- 06/2003** : **Organization for Vocational Education and Training, Vocational Training Institute of Volos, Examiner Certification Exams, PE20.**
- 06/2000** : **Organization for Vocational Education and Training, Vocational Training Institute of Kozani, Examiner Certification Exams, PE20.**

SELECTED PUBLICATIONS

1. *Savvas Douvartzides, Ioannis Karmalis, Nikolaos Ntinas, Thermodynamic Cycle Analysis of an Automotive Internal Combustion Engine With the Characteristics of the Commercial BMW N54 Spark-Ignition Model. Journal of Energy Resources Technology, October, 2020.*



SELECTED RELEVANT PROJECTS

- 01/02/13-31/12/13** : **University of Applied Science of Western Macedonia, Koila Kozanis, Kozani, 50 100, Greece, tel.: +30 24610 68019.**
Project: "Open Academic Courses TEI of Western Macedonia and the Higher Ecclesiastical Academy of Thessaloniki" with Project: "Development of Digital Courses, Support of Residential Platform and other actions."
- 01/2005-12/2005** : **Department of Mechanical Engineering & Industrial Design, University of Applied Science of Western Macedonia, Koila Kozanis, Kozani, 50 100, Greece, tel.: +30 24610 56600.**
Research Program: "Archimedes" Project "Support of Research Teams of Technological Education Institute of Western Macedonia" with Project: "Development of Advanced Nano-Composites Polymeric Matrix by Applying Shear."

SEMINARS

- 11/05/19-15/05/19** : **G-Code Workspace, "3D Printing-3D Scanning-Laser Cutting Seminar", May 11-15, 2019, Thessaloniki, Greece.**
- 04/2019** : **Lazaridis Engineering & Thes3D, "3D Printing Seminar", April, 2019, Thessaloniki, Greece.**
- 21/12/17-22/12/17** : **G-Code Workspace, "3D Printing Seminar", January 21-22, 2017, Thessaloniki, Greece.**
- 12/12/16-15/12/16** : **BETA CAE Systems S.A., "Certificate Basic ANSA & Meta", December 12-15, 2016, Thessaloniki, Greece.**
- 02/2012** : **Certificate in "SolidWorks 2012", 32 hours, Company D.Manolis-AlfaSolid.**
- 03/11/03-07/11/03** : **Certificate for giving a Lecture on the Subject of CAD Design Systems with EDS-Ideas v.6.0 program, Kymenlaakson University of Applied Sciences, Kouvola, Finland.**
- 23/10/01-25/10/01** : **Certificate in "INSTABUS" EIB-Merten (Urkunde), Product I και II EIB.**

OTHER

- 01/03/20-30/05/20** : **Head Coordinator in University of Western Macedonia 3D Printing of Prototype Face Shields for Covid-19, Developed by PrusaPrinters and Donated to Western Macedonia Public Hospitals, March-May, 2020, Kozani, Greece.**
- 03/11/03-07/11/03** : **Teacher Visit and Given Lecture at CAD Design (I-deas) Certificate in Kymenlaakso Polytechnic, Nov. 3-7, 2003, Kouvola, Finland.**