

Ioannis A. Nikas
MSc, PhD

Curriculum Vitae

PERSONAL DETAILS	Name Surname Name of Father Date of Birth Place of Birth Nationality Military Service Marital Situation	Ioannis Nikas Andreas April 9th, 1977 Athens, Greece Greek Artillery Married
CONTACT INFORMATION	Floor 2 , Office 1 Laboratory of Tourism Information Systems & Forecasts Department of Tourism Management M. Alexandrou, Koukouli, Patras, 26334 University of Patras	Voice: 2610962890 Voice: 2610962894 e-mail: nikas[@]upatras.gr URL: tourism.upatras.gr/nikas tinyurl.com/nikas-location
	Google Scholar Scopus ResearchGate	tinyurl.com/scholaren tinyurl.com/nikas-scopus tinyurl.com/rs-gate
NOVEMBER 2023	Assistant Professor at Department of Tourism Management of University of Patras. Member of TourISFlab (Tourism Information Systems and Forecasting Laboratory).	
RESEARCH INTERESTS	Numerical Computations :: Interval Equations :: Interval methods :: Global Optimization :: Linear Programming :: Data Analysis :: Analysis & Forecasting Tourism Demand :: Sports Analytics :: Smart Tourism :: Geographical Information Systems & Spatial Analysis	
ACADEMIC EDUCATION	Assistant Professor , in the Department of Tourism Management of the University of Patras (August 2019), in "Numerical Computations and Analysis, Forecasting of Tourism Data" (Government Gazette C' 1303/01.08.2019) Ph.D. in "Computational Mathematics and Informatics", Department of Mathematics, University of Patras (June 2011) (Supervisor: Theodoula N. Grapsa) M.Sc. in "Mathematics of Computations and Decision Making", Department of Mathematics, University of Patras (June 2004). B.Sc. (4 years degree) in Mathematics, University of Patras (September 2000).	
COMPUTER SKILLS	Languages: Matlab, R, Python, HTML/CSS3, PHP, Fortran 90/95, C++, Pascal, Maple, Java, Visual Basic.	

Applications: \LaTeX , common Windows database, spreadsheet, and presentation software, SPSS, R, Adobe Dreamweaver CS3, WordPress, QGIS, ArcGIS.

Operating Systems: Unix/Linux-like OS, Dos, Windows.

WRITING - RESEARCH ACTIVITIES

Books

TRANSLATION AND
SCIENTIFIC EDITING

Tourism Information Technology, Pierre Benckendorff, Zheng Xiang, and Pauline Sheldon, translated and edited by Alkiviadis Panagopoulos, **Ioannis Nikas** [University of Patras] and Ioanna Simeli [International University of Greece] - Broken Hill Publishers LTD, 2023.

Greek Title Πληροφοριακά Συστήματα στον Τουρισμό, **ISBN** 978-9925-35-039-1, **Eudoxus ID** 112690766.

Forecasting: Principle and Practice, 3rd edition, Rob J Hyndman and George Athanasopoulos, translated and edited by **Ioannis Nikas** [University of Patras] and **Athanasios Koutras** [University of Peloponnese] - Publications of University of Patras, 2022.

Greek Title Πρόβλεψη: Αρχές και Πρακτική, **ISBN** 978-960-530-183-5, **Eudoxus ID** 112705742.

EDITING

Partial Differential Equations [Undergraduate textbook]. Dassios, G., Kyriaki, K., & Vafeas, P., Kallipos, Open Academic Editions, 2023. <https://dx.doi.org/10.57713/kallipos-317> [Technical and Graphic editing - \LaTeX support]

Greek Title Μερικές Διαφορικές Εξισώσεις, **ISBN** 978-618-228-084-3.

Continuous Martingales and Brownian Motion, Yor, M. and Revuz, D., translated and edited by Vassileios Papakonstantinou, Leader Books A.E., 2004.[Format and \LaTeX support]

Greek Title Στοιχηματικές Στοχαστικές Διαδικασίες Συνεχούς Χρόνου και Κίνησις Brown, **ISBN** 960-7901-53-3.

Stochastic Processes (Στοχαστικές Διαδικασίες), Vassileios Papakonstantinou, Publications of University of Patras [Format and \LaTeX support]

PUBLICATIONS

PHD THESIS

Numerical solution of parameterized non-linear equations and global optimization with interval analysis (in Greek), Department of Mathematics, University of Patras, 2011.

PhD Repository of University of Patras: tinyurl.com/nikasphd

National Archive of PhD Theses: www.didaktorika.gr/eadd/handle/10442/25903

IN REFEREED
JOURNALS (8)

J1. I.A. Nikas, and T.N. Grapsa. *Bounding the zeros of an interval equation*, Applied Mathematics and Computation, 213(2), pp. 466–478, 2009.

J2. E.N. Malihoutsaki, I.A. Nikas, and T.N. Grapsa. *Improved Newton's method without direct function evaluations*, Journal of Computational and Applied Mathematics, 227(1), pp. 206–212, 2009.

- J3.** C.D. Nikolakakou, T.N. Grapsa, I.A. Nikas, and G.S. Androulakis, *A sequential approach for unconstrained optimization via α partitioning technique*, International Journal of Computer Mathematics, 92(4), pp. 722–8741, 2015.
- J4.** An. Panagopoulos, Al. Panagopoulos, I. Nikas, and T. Grapsa, *A Comparative Study on Tourism Demand in Region Western Greece and its Contiguous Regions*, Archives of Economic History, 27(2), pp. 19–835, 2015.
- J5.** Al. Panagopoulos, S. Malefaki, I.A. Nikas, *Forecasting The Tourism Demand Using Time-Series – A Case Study On The Prefectures Of Western Greece*, “Tourism Research Institute”, Journal of Tourism Research, 11(1), pp. 162–8173, 2015.
- J6.** A. Koutras, A. Panagopoulos, and I. Nikas, *Forecasting Tourism Demand Using Linear and Nonlinear Prediction Models*, Academica Touristica, 9(1), pp. 85–898, 2016.
- J7.** I. Poulaki, I. Nikas, *Measuring tourist behavioral intentions after the first outbreak of COVID19 pandemic crisis. Prima facie evidence from the Greek market*, International Journal of Tourism Cities, 7(1), pp. 845–8860, 2021. doi:10.1108/IJTC-09-2020-0218
- J8.** I. Nikas, **A Special Interval Newton Step for Solving Nonlinear Equations**, WSEAS Transactions on Mathematics, 22, pp. 674–681, 2023. doi:10.37394/23206.2023.22.74

IN GREEK REFEREED
JOURNALS (1)

- GJ1.** M. Argyropoulou, E. Kantartzi, K. Stophoros, A. Panagopoulos, I. Nikas, & I. Poulaki, *Lafkadio Hearn's work in education and culture: Lafkadio Hearn as an inspiration for educational actions - Creating a Digital Exhibition*, Culture: Journal in Tourism, Culture, Art and Education, 1(3), pp. 116-132, 2021. – In Greek

REFEREED CHAPTERS
IN COLLECTIVE VOLUMES (6)

- B1.** A. Koutras, A. Panagopoulos, I.A. Nikas. *Evaluating the Performance of Linear and Nonlinear Models in Forecasting Tourist Occupancy in the Region of Western Greece*, In: Katsoni V., Stratigea A. (eds) Tourism and Culture in the Age of Innovation. Springer Proceedings in Business and Economics. Springer, pp. 377–8391, 2016.
- B2.** A. Koutras, A. Panagopoulos, I.A. Nikas. *Predicting Tourism Demand In The Western Greece Region Using Independent Component Analysis*, In: Katsoni V., Stratigea A. (eds) Tourism and Culture in the Age of Innovation. Springer Proceedings in Business and Economics, pp. 361–8375, 2016.
- B3.** A. Koutras, I.A. Nikas, A. Panagopoulos. *Towards Developing Smart Cities: Evidence from GIS Analysis on Tourists' Behavior Using Social Network Data in the City of Athens*, In: Katsoni V., Segarra-Oña M. (eds) Smart Tourism as a Driver for Culture and Sustainability. Springer Proceedings in Business and Economics. Springer, Cham, pp. 407–8418, 2019.
- B4.** I.A. Nikas, I. Poulaki. *eSports Tourism: Sports Tourism in a Modern Tourism Environment*, In: Katsoni V., van Zyl C. (eds) Culture and Tourism in a Smart, Globalized, and Sustainable World. Springer Proceedings in Business and Economics. Springer, Cham. pp. 105-115, 2021. doi: 10.1007/978-3-030-72469-6_7.
- B5.** I.A. Nikas, Koutras A., Panagopoulos A., and Vasileiadis A. *Exploring Tourists' Food and Beverage Spots in an Urban Destination Using a Spatial-temporal Approach*, In: Katsoni V., Andreea Claudia Șerban (eds) Transcending Borders in Tourism Through Innovation

and Cultural Heritage. Springer Proceedings in Business and Economics. Springer, Cham. pp. 977–989, 2022. doi: 10.1007/978-3-030-92491-1_58.

- B6.** I.A. Nikas, Koutras A., and Panagopoulos A. *Dynamic Areas of Interest Inside an Urban Destination Using Visitors' Geolocation*, In: Katsoni, V. (eds) *Tourism, Travel, and Hospitality in a Smart and Sustainable World. IACuDiT 2022. Springer Proceedings in Business and Economics*. Springer, Cham. pp. 291–306, 2023. doi.org/10.1007/978-3-031-26829-8_18

REFEREED CONFERENCE
PROCEEDINGS (9)

- C1.** D.G. Sotiropoulos, J.A. Nikas, and T.N. Grapsa. *Improving the Efficiency of α Polynomial System Solver via α Reordering Technique*, Proceedings of 4th GRACM "Congress on Computational Mechanics", vol. 3, pages 970–977, 2002.
- C2.** I.A. Nikas, D.G. Sotiropoulos, and T.N. Grapsa. *Extending Interval Newton Method for Nonlinear Parameterized Equations*, Proceedings of ICNAAM 2006, International Conference of Numerical Analysis and Applied Mathematics, pages 512–515, 2006.
- C3.** E.N. Malihoutsaki, I.A. Nikas, and T.N. Grapsa. *Improved Newton's Method Without Direct Function Evaluations*, Proceedings of Numan2007 "Conference in Numerical Analysis", pages 85–88, September 3-7, 2007.
- C4.** I.A. Nikas, and T.N. Grapsa. *On Solving Efficiently Interval Polynomial Equations of Degree n* , Proceedings of Numan2008 "Conference in Numerical Analysis: Honoring Richard S. Varga on his 80th birthday", pages 144–147, September 1-5, 2008.
- C5.** I.A. Nikas, G.S. Androulakis, T.N. Grapsa. *A Hybrid Branch-and-Bound Algorithm for Bound Constrained Optimization*, Proceedings of Numan2010 "Conference in Numerical Analysis", pages 202–207, Chania, September 15-18, 2010.
- C6.** I.A. Nikas. *Efficient Unconstrained Optimization Multistart Solvers Using α Self-Clustering Technique*, in Proceedings of Numan2014 "Conference in Numerical Analysis", pages 204–209, Chania, September 2-5, 2014.
- C7.** I.A. Nikas, A. Panagopoulos. *A heuristic technique for selecting ARIMA models for forecasting tourism time series*, In ICOT2015 "5th International Conference on Tourism", pages 238–251, London, UK, June 24-27, 2015.
- C8.** E.I. Nikolopoulou, I.A. Nikas, G.S. Androulakis. *Redundant constraints identification in linear programming using statistics on constraints*, In HELORS2017 "6th International Symposium and 28th National Conference on Operational Research: OR IN THE DIGITAL ERA - ICT CHALLENGES", pages 196–201, Thessaloniki, June 8-10, 2017.
- C9.** I.A. Nikas, T. Grapsa. *Hybridization of bisection method for solving non-differentiable nonlinear equations*, In 24th Pan-Hellenic Conference on Informatics (PCI 2020). Association for Computing Machinery, New York, NY, USA, 277–280. DOI: 10.1145/3437120.3437324.

REFEREED CONFERENCE
PROCEEDINGS – POSTER (1)

- A1.** G.S. Androulakis, I.A. Nikas, T.N. Grapsa, A. Panagopoulos, *Tourism forecasting using backtracking optimization*, In "5th International Conference on Tourism & Hospitality Management", pages 272-276, Athens, June 05-07, 2015.

- GC1.** I. Nikas, I. Katsenos, and G. Androulakis. *Using IRT Theory in the Performance Assessment of Basketball Team Players*, In 19th Sports and Recreation Management Conference, pp. 75–78, Patras, November 16–18, 2018 – In Greek.
- GC2.** I. Nikas, G. Karolidis, and G. Androulakis. *Excellent combinations of players in a basketball team*, In 19th Sports and Recreation Management Conference, pp. 75–78, Patras, November 16–18, 2018 – In Greek.
- GC3.** E. Kantartzi, M. Argyropoulou, A. Panagopoulos, and I. Nikas. *The museum travels: a mobile exhibition powered by digital technology*, In the 1st Panhellenic Conference "The educational game in formal and non-formal learning", Vol. A', pp. 385–295, November 14–15, 2020 – In Greek.
- GC4.** M. Argyropoulou, A. Panagopoulos, I. Nikas, I. Poulaki. *The concept of tourism sustainability in education: A digital opportunity*, In 6th Panhellenic Conference "Education and Culture in the 21st Century", Vol. A', pp. 40–49, April 23–25 2021 – In Greek.

- P1.** C.D. Nikolakakou, T.N. Grapsa, I.A. Nikas, and G.S. Androulakis. *A Lexicographic Approach on Unconstrained Optimization*, Proceedings of 23rd Conference on Operational Research (Euro XXIII 2009), page 90, July 05-08, 2009.
- P2.** I.A. Nikas, T.N. Grapsa, and G.S. Androulakis. *Global Optimization via Interval Equations*, Proceedings of 23rd Conference on Operational Research (Euro XXIII 2009), page 249, July 05–08, 2009.
- P3.** I.A. Nikas, and T.N. Grapsa. *An escape-from-local minima technique in unconstrained*, In Numan2012 "5th Conference in Numerical Analysis", page 34, Ioannina, September 5-8, 2012.
- P4.** D. Maginas, I. Poulaki, A. Papaioannou, I. Nikas. *An Evaluation of Customer Relationship Management through Social Media in Aegean Airlines*, 4th International Conference of Development and Economy - Virtual - 01,02,03/12/2020.
- P5.** A. Panagopoulos, I.A. Nikas. *Evaluation of Urban Attractions Based on Primary and Secondary Points of Interest: The Case of Museums in the City of Athens*, In 9th International Conference in "Tourism, Travel and Hospitality in a Smart and Sustainable World", Syros, September 1-3, 2022.
- P6.** A. Panagopoulos, V. Matika, and I.A. Nikas. *Football Stadiums as Alternative Tourists' Entertainment Points of Interest: The Perceptions of Managers and Local Authorities in the City of Patras*, In 10th International Conference on Recent Advancements in Tourism Business, Technology and Social Sciences, August 29-31, Chania, Crete, Greece, 2023.
- P7.** I.A. Nikas. *Spatial analysis of tourist routes offered by travel agencies and some overtourism issues: The case of Crete*, In 10th International Conference on Recent Advancements in Tourism Business, Technology and Social Sciences, August 29-31, Chania, Crete, Greece, 2023.

- GB1.** Α. Παναγόπουλος και Ι.Α. Νίκας. *Ευφυής Τουρισμός: Ευκαιρίες και Προοπτικές*, στον τόμο: Σύγχρονες Διαστάσεις του Τουριστικού Φαινομένου: Τιμητικός Τόμος στη μνήμη του Περικλή Ν. Λύτρα, Α. Παπαγεωργίου & Κ. Σεργόπουλος (επιμ.), σελ.23–32, 2022, Εκδόσεις Πανεπιστημίου Δυτικής Αττικής

- T1.** D.G. Sotiropoulos, J.A. Nikas, and T.N. Grapsa. *Improving the Efficiency of a Polynomial System Solver via a Reordering Technique*, Technical Report No. 02–03 (2002). [C1].

- IACuDiT2023**, 10th International Conference on Recent Advancements in Tourism Business, Technology and Social Sciences, August 29-31, Chania, Crete, Greece, 2023.
- ICAMCS2023**, International Conference on Applied Mathematics & Computer Science, August 8-10, Lefkada, Greece, 2023.
- IACuDiT2022**, 9th International Conference on Tourism, Travel and Hospitality in a Smart and Sustainable World, September 1-3, Syros, Greece, 2022.
- IACuDiT2021**, 8th International Conference on Transcending Borders in Tourism through Innovation and Cultural Heritage, September 1-3, Hydra, Greece, 2021.
- PCI2020**, 24th Pan-Hellenic Conference on Informatics, November 20-22, Athens, Greece, 2020.
- IACuDiT2020**, 7th International Conference on Culture and Tourism in a Smart, Globalized and Sustainable World, September 2-4, Hydra, Greece, 2021.
- ΕΛΛΕΕΔΑΑ2018**, 19th Sports and Recreation Management Conference, November 16-18, Patras, 2018.
- IACuDiT2018**, 5th International Conference on Exploring Smart Tourism: The cultural and sustainability synergies, June 28-30, Athens, Greece, 2018.
- HELORS2017**, 6th International Symposium and 28th National Conference on Operational Research: "OR in the digital era - ICT challenges", June 8-10, Thessaloniki, Greece, 2017.
- ICOT2015**, 5th International Conference on Tourism, June 24-27, London, UK, 2015.
- ICTHM2015**, 5th International Conference on Tourism & Hospitality Management, June 05-07, Athens, Greece, 2015.
- IACuDiT2015**, 2nd International Conference of Cultural and Digital Tourism, May 21-24, Athens, Greece, 2015.
- NumAn2014**, 6th Conference in Numerical Analysis, Sep. 2-5, Chania, Greece, 2014.
- NumAn2012**, 5th Conference in Numerical Analysis, Sep. 5-8, Ioannina, Greece, 2012.
- NumAn2010**, Conference in Numerical Analysis, Sep. 15-18, Chania, Greece, 2010.
- Euro XXIII 2009**, 23rd Conference on Operational Research, July 05-08, Bonn, Germany, 2009.
- NumAn2008**, Conference in Numerical Analysis, Sep. 01-05, Kalamata, Greece, 2008.

NumAn2007, Conference in Numerical Analysis, Sep. 03-07, Kalamata, Greece, 2007.

ICNAAM 2006, International Conference of Numerical Analysis and Applied Mathematics, Sep. 15-19, Hersonisos, Crete, Greece, 2006.

4th GRACM, Congress on Computational Mechanics, June 27-29, Univ. of Patras, Greece, 2002.

ATTENDANCE (8)

IACuDiT2014, First International Conference of Cultural and Digital Tourism: Cultural Tourism in a Digital Era, May 30 - June 1, Athens, Greece, 2014.

Workshop on Modern Developments in Mathematics: Curricula, research directions and applications, June 13-14, University of Patras, 2005.

3rd Summer School in *Stochastic Differential Geometry and Applications in Finance*, July 10th-17th, Thermos Aitolokarnania, Greece, 2005.

2nd Summer School in *Insurance Mathematics through Stochastic Finance*, September 22-27, Dimitsana Arkadias, Greece, 2003.

14th Summer School-Conference Nonlinear Dynamics: Chaos and Complexity, July 23 - August 2, Patras, 2001.

5th Greek-European Conference on Computational Mathematics and Applications, September 20-22, Athens University Of Economics And Business, Greece, 2001.

1st International Seminar on *Mathematics of Computers and Decision Making*, May 25-26, University of Patras, Greece, 2001.

4th Panhellenic Geometry Conference on Research in Geometry and the Education of Geometry at the Dawn of 21st Century, May 28, University of Patras, Greece, 1999.

REVIEWER

IN JOURNALS

Applied Mathematics and Computation

Applied Mathematical Modelling

Tourism Planning & Development

Journal of Computational and Applied Mathematics

Tourism and Hospitality Management

IN RESEARCH REGISTERS

Register of Certified Assessors of the General Secretariat of Research and Innovation

SCIENTIFIC

COMMITTEES

International Journal of Cultural and Digital Tourism, 2014– Today

Journal of Culture in Tourism, Art and Education, 2021– Today

International Conferences of IACuDiT, 2014– Today

Panhellenic Conference: Education and Culture in the 21st Century, School Life and Education Museum and Hellenic Educational Society, 2021– Today

DOCTORAL
DISSERTATIONS

Supervision of PhD student Spanea Reggina Aggelina, Department of Tourism Management, University of Patras (May 2022)

Member of the supervising committee of the ongoing PhD thesis of PhD student Matika Vasiliki, Department of Tourism Management, University of Patras (2022)

Member of the examining committee for the judgment of the Doctoral Thesis of Dr. Nikolopoulou Eirini, Department of Business Management, University of Patras, entitled: *A survey on linear constrained models and applications in operational research*, 2020. [National Archive of PhD Theses: <https://www.didaktorika.gr/eadd/handle/10442/47752>]

ADMINISTRATIVE DUTIES

UNIVERSITY OF PATRAS

MEMBER

Acceptance Committee of the catering service project of the University of Patras

11.11.2021 – Today

POSTGRADUATE

PROGRAMS

MEMBER

Coordinating Committee in Postgraduate Programm Tourism Business & Destination Management
2022 – 2023

DEPARTMENT OF

TOURISM MANAGEMENT

COORDINATOR IN COMMITTEES

Committee of **Websites Editing & Design**

2019 – Today

Committee of **Study Guide Editing**

2021 – Today

Committee of **Delegated Teachers Evaluation**

2022 – Today

Committee of **Degree Theses**

2022 - 2023

Committee of **Timetable and Examination Program**

2019 – 2022

MEMBER

Committee of **Internal Evaluation Team**

2023 – Today

Committee of **PhD Candidates Evaluation**

2023 – Today

Committee of **Degree Theses**

2023 – Today

Committee of **Promotion, Events & Seminars**

2019 – Today

Committee of **Timetable and Examination Program**

2021 – Today

Committee of **Seminars and Library**

2021 - 2022

Committee of **Academic Affairs of Dpt of Tourism Management (f. TEI of Western Greece)**

2023 – Today

WORK EXPERIENCE

FINANCED PROJECTS (3)	PostDoctoral Researcher in ARCHIMEDES project, subproject 04, entitled "Forecasting Methods on Tourism Demand in the region of West Greece and Exploitation in Providing Innovative and Quality Services", (project id 383592) 17/05/2013 - 30/11/2015.
	Full-time employment in Operational Program for Education and Initial Vocational Training Project: "Reformation of Undergraduate Study Program of University of Patras" 2003 - 2005.
	Employment in Lab of Sociology and Education of University of Patras as Instructor of SPSS, as well as Supervisor of recording data procedure in SPSS 2003.
UNIVERSITY OF PATRAS	Congressional and Cultural Center of University of Patras, Multimedia Technical Support. ΣΕΠ 2005 - ΟΚΤ 2006, ΣΕΠ 2007 - ΔΕΚ 2008
SCHOLARSHIPS - UNIVERSITY OF PATRAS	School of Medicine, Library, Importation and processing library data. ΣΕΠ 2002 - ΟΚΤ 2006 School of Medicine, Supporting educational and research activities. 01/05/2005 - 31/08/2006 Department of Mathematics, Library and Computer Center, Αξιοποίηση Ερευνητικού Εργαστηρίου Η/Υ. 30/09/2005-31/01/2006
TEACHING UNIVERSITY OF PATRAS, GREECE	Postgraduate Program: MSc in Tourism Business & Destination Management) Research Methodologies in Tourism 2022 – Today Postgraduate Program: MSc in Leadership Educational Research Methodology – Quantitative Methods 2021 – Today Department of Tourism Management :: Mathematics in Management & Economics 2019 – Today :: Information Systems for Tourism Firms 2020 – Today :: Geographic Information Systems in Tourism 2021 – Today :: Forecasting Methods in Tourism 2021 – Today :: Introduction to Computer Science 2019 – 2020 :: Business Statistics 2019 – 2020 Department of Business Administration of Food and Agricultural Enterprises Mathematics in Management & Economics, Project Management, Διαχείριση Έργων, Decision Making Theory 2018 – 2019 Department of Mathematics <i>Teaching Assistant</i> 2000 – 2006, 2007 – 2008 Duties at various times. Have included office hours and leading weekly computer lab exercises in Introduction to Computer Science, Basic Principles in Programming (FORTRAN90), Numerical Analysis, Introduction to Interval Analysis

TEI OF WESTERN GREECE
(FORMER TEI OF PATRAS &
MESSOLONGHI)

Dept of Tourism Management

Statistics, Information Systems in Tourism, DataBases, Quantitative Methods,
Hospitality Services Administration, Informatics Applications

2010 – 2019

Dept of Telecommunications Systems and Networks

Object-Oriented Programming with Java

2010 – 2011

Dept of Aquaculture & Fisheries

Statistics

2010 – 2011

Dept of Mechanical Engineering

Programming in QBasic and FORTRAN90

2009 – 2010

Dept of Informatics Applications in Management and Economy

Web Design and Development, Data Structures (Java), DataBases

2008 – 2009

Dept of Renovation and Re-establishment of Buildings

Mathematics

2008 – 2009

Dept of Automation

Introduction to informatics

2008 – 2009

Dept of Administration of Cooperative Organizations

Databases, MS Office

2007 – 2009

VERGIS I.V.T.

Multimedia Applications: Visual Basic, Data communications & Networks, UNIX Operating System, Program Design, Data structures - File Organization, Databases, API applications, Web Applications and Technologies, OpenGL, C++/Java

2008 – 2015

Business and Finance: Statistics

2008 – 2013

2ND PUBLIC I.V.T. OF
PATRAS

Multimedia Applications: Introduction to IT

Winter Semester 2009 – 2010

I.V.T. AKMI

Multimedia Applications: Spreadsheets, Web Technologies

2003 – 2004

MENTOR V.T.C

Introduction to ITs (MS Word, MS Access)

2001

OTHER ACTIVITIES

SOFTWARE
DEVELOPMENT

A simulation application in Visual Basic (Exam Galileo) of Galileo Training System for examination purposes. (Part of the courses **Information Systems in Tourism Firms**, **Information Systems in Tourism** and **Hospitality Management Services**.)

An application in Visual Basic for assessing the courses **Statistics** and **Quantitative Methods**.

A dynamic web page in php for assessing the course **Informatics Applications**.

A dynamic spreadsheet book in VBA for assessing the course **Informatics Applications**.

A windows application in FORTRAN90 using Microsoft Developer Studio for numerical and graphical solution of nonlinear equations using interval methods (Part of M.Sc. Thesis).

A simulation application for the educational assembly compiler Miracle. The application is written in FORTRAN90, Matlab 6.5 & 7.0.

SEMINARS -
EDUCATIONAL COURSES

Diploma in IAMOOC, a MOOC on Interval Analysis with Application to Parameter Estimation, ENSTA-Bretagne engineering faculty, University of Bretagne Occidental (Professor Luc Jaulin) [25.05.2019].

Certified adult trainer [28.07.2017].

Attendance certification of seminar on the operation of protel Hotel software - FRONT OFFICE, HIT, June 10th, Athens, Greece, 2013.

Certification on "Quantum Mechanics and Quantum Computation", a course offered by BerkeleyX, an online learning initiative of The University of California At Berkeley, issued April 30th, 2013.

(Verification at <https://verify.edx.org/cert/948e983be8a44404a792818bf6583e91>).

Certification on "Introduction to Mathematical Thinking", a course offered by STANFORD UNIVERSITY and offered by Coursera platform, issued May 11th, 2013.

Petit-Hotel Front Office Software, 2m Software, November 30th, Athens, Greece, 2012.

Diploma in The Ticketing Course of Amadeus, Amadeus Certified Agent, July 11th-13th, Athens, Greece, 2011.

Diploma in The Basic Course of Amadeus, Amadeus Certified Agent, July 06th-08th, Athens, Greece, 2011.

Linux using console, 26/10/2009-13/12/2009, offered by Library and Information Center of University of Macedonia.

Educational Course on Train the Trainers, by Human Asset S.A., October 10th-11th, Patras, Greece, 2008.