



Georgios D. Vythoulkas

Technical Mechanical Engineer



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Special Technical Laboratory Staff

Department of Chemistry

Democritus University of Thrace

EDUCATION

1984 – 1988 Mechanical Engineering Department Technological Engineering Institute of Kavala

PROFESSIONAL

EXPERIENCE

1990 – 2000 Marmara Kavalas SA, *Marble Processing Company as Department Production Manager.*

1998 - 2000 Marmara Kavalas SA, Sales Manager in German speaking countries (Austria, Germany, Switzerland).

2000 - 2002 Organization, expansion and sales network development of a new branch in Greece for the German Company *Fora Folienfabrik gmbh*.

2002 - Today Technical Staff of the Chemistry Department in the Democritus University of Thrace

Laboratory Technician in Alternative and Renewable Energy Sources
Responsible for:

- *Installation and Maintenance of all laboratory equipment*
- *Participation in the experimental process of classes testing different scenarios*

TEACHING EXPERIENCE

1991-1993 Trainer in EU Programs in the Kavala Marble Company SA.
(Production improvement procedures. Time managing etc.)

1997-2002 Instructor on Windows 98 Operating System,
Internet Explorer, Microsoft Office and Autodesk AutoCAD

1995-2010 External laboratory scientific collaborator in the Mechanical Engineering Dept., of the Technological Educational Institute of Kavala in the following topics:

- Special Machining tools, CAD - CAM
- Engineering Drawing
- Alternative Energy Resources and Management, (Wind turbines, solar cells, Photovoltaics)
- Heat Transfer
- Energy Management in Buildings and Energy Save Technologies

2002- Today As permanent employee of the Technological Educational Institute of Kavala Laboratory Special Technical Staff in Mechanical Engineering Department and since 2019 at the new school of Chemistry Department of the Democritus University of Thrace, making experiments and helping the students in a huge amount of experimental thesis projects

ADMINISTRATIVE WORK

2016 - Today Technical and management support to the following summer schools:

- “International Summer School on Organic Photovoltaic Systems”, in collaboration with Institut National d’ Energie Solaire (INES) France, & Haute Ecole d’ Ingenieur de Lille (HEI) France
- “Towards a Green and sustainable world” in collaboration with the Sorbonne university (2023 – 2025)
- “Bio – inspired Molecules and Materials for Medicinal Applications and Sustainability” in collaboration with the Sorbonne university (2024 – 2025)

RESEARCH

2023 - Today "VIPERLAB Research Proposal", in collaboration with Institut National d’ Energie Solaire (INES) France, VLAB-234-00133, 2023

INTERESTS, HOBBIES, ACTIVITIES

Music, Running, Reading, Gym, Swimming, Skiing & Mountain sports