



## Curriculum Vitae

### Informazioni personali/

#### Personal Information

Nome e Cognome / Name and Surname **Arzum Isitan**

Genere / Gender Femmina

### Esperienze professionali/

#### Work Experiences

- Pamukkale University

I have been working on machine elements and materials science for 23 years. In my undergraduate and graduate courses, damage analysis and wear problems of machine parts are of great importance. Within the scope of my master's and PhD theses, I worked on the determination of microstructure, wear, fatigue and mechanical properties of steel and aluminum matrix composite materials. For the last 5 years, I have focused my studies on polymer technology, especially biopolymers. In these studies, the production of sustainable materials by obtaining biopolymers from textile and food waste is at the forefront. I was the coordinator of an EU project in the field of higher education in this respect. I also have national and international patent applications on biopolymer matrix fire extinguisher balls. I was awarded a postdoctoral research fellowship from Scientific and Technological Research Council of Türkiye (TUBITAK) for my work on the recycling of biopolymers from textile wastes.

### Istruzione e formazione/

#### Education and Training

01/09/2005 - 07/09/2011 PhD

### Competenze personali/

#### Personal Skills

Lingua madre / Mother tongue Turkish

Altre lingue / Other languages \*Livello / Level \*

Italian A1 - Principiante

\*Autovalutazione / Self-assessment: [Quadro Comune Europeo di Riferimento delle Lingue / Common European Framework of Reference for Languages](#)

### Altre competenze/

#### Other Skills

Altre competenze / Other skills

Patente di guida / Driving licence

## **Ulteriori informazioni/ Additional Information**

Sito personale / Personal webno

pages

Ulteriori Informazioni / Additional  
Info