



PERSONAL INFORMATION



Sani Demiri

 JNA 47, 1230 Gostivar (former Yugoslav Republic of Macedonia)

 078898366

 sani.demiri@unt.edu.mk

POSITION

College / university teaching professional

WORK EXPERIENCE

01/10/2016–Present

College / university teaching professional

"Mother Teresa" University - Skopje
12 Udana Brigada 2a/kati VII, 1000 Skopje (former Yugoslav Republic of Macedonia)
www.unt.edu.mk

Assistant Professor, Materials Engineering and Nanotechnology - Department

Business or sector Education

19/09/2013–19/09/2016

College / university teaching professional

Canakkale Onsekiz Mart University, Canakkale (Turkey)

Assistant Professor, Material Science and Engineering Department

10/10/2005–09/09/2013

President

Analytica NGO, Skopje (former Yugoslav Republic of Macedonia)

Head of Energy and Environment Department

01/01/1996–01/01/1997

Chemical engineer

"Laksan" Industry for Plastic and Textile Ltd (Laksan Plastik ve Tekstil San. ve Tic. A. Ş.), Istanbul (Turkey)

EDUCATION AND TRAINING

2007–2012

PhD degree in Chemistry

Ss. Cyril and Methodius University, Skopje (former Yugoslav Republic of Macedonia)

Field: Material Science

Thesis: Chemical Deposition and Characterization of Inorganic Electrochromic Thin Films

Thesis advisor: Prof. Dr. Metodija Najdoski

2005–2007

MSc degree

Ss. Cyril and Methodius University, Skopje (former Yugoslav Republic of Macedonia)

1992–1996

BA, Chemical Engineering

Istanbul Technical University, Istanbul (Turkey)

PERSONAL SKILLS

Mother tongue(s) Turkish

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Macedonian	C2	C2	C2	C2	C2
Albanian	A2	B1	A2	A2	A1
English	C2	C2	C2	C2	C2
Croatian	C2	C2	C2	C2	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Communication skills - good communication skills gained through my experience as president of NGO
 - excellent contact skills with children gained through my experience as a chemistry teacher

Organisational / managerial skills - leadership (currently position as a Vice Dean and former president of NGO)
 - good organisational skills gained as president of Analytica

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Independent user

Digital competences - Self-assessment grid

Driving licence B

ADDITIONAL INFORMATION

Publications -Stojkovikj S., Najdoski M., Koleva V., Demiri S., "Preparation of electrochromic thin films by transformation of manganese(II) carbonate", JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.74, pp.1433-1438, 2013 (Link)
 -Najdoski M., Koleva V., Demiri S., "Chemical bath deposition and characterization of electrochromic thin films of sodium vanadium bronzes", MATERIALS RESEARCH BULLETIN, vol.47, pp.737-743, 2012 (Link)
 -Najdoski M., Koleva V., Demiri S., Stojkovikj S., "A simple chemical method for deposition of electrochromic potassium manganese oxide hydrate thin films", MATERIALS RESEARCH BULLETIN, vol.47, pp.2239-2244, 2012 (Link)
 -Demiri S., Najdoski M., Velevska J., "A simple chemical method for deposition of electrochromic Prussian blue thin films", MATERIALS RESEARCH BULLETIN, vol.46, pp.2484-2488, 2011 (Link)
 -Najdoski M., Mirceski V., Petrusovski V.M., Demiri S., "Mercury beating heart: Modifications to the classical demonstration", JOURNAL OF CHEMICAL EDUCATION, vol.84, pp.1292-1295, 2007 (Link)
 -Demiri S., "Electrochemical Writing And Printing: Overhead Projector Demonstration", CHEMISTRY: BULGARIAN JOURNAL OF SCIENCE EDUCATION, vol.15, pp.101-108, 2006 (Link)
 (Abstract)Metodija Najdoski, -Violeta Koleva, Sani Demiri, Sasho Stojkovikj, "A simple chemical method for deposition of electrochromic potassium manganese oxide hydrate thin films", Materials

Research Bulletin, Vol. 47, No.9, p. 2239–2244.

-M. Najdoski, S. Demiri, N. Kocoska (2012), "The reaction between aluminum and iodine: demonstration experiment in a jar overhead projector demonstration", Journal of Science Education, Vol. 13, No. 1, p. 38-40.

-S. Demiri et al. (2008), "Macedonia Needs a Power Plant: A Reality or Near Future", Report No.9 of Analytica1.

-S. Demiri and M. Najdoski (2006), "Electrochemical writing and printing: overhead projector demonstration", Химия, year. XV, book 2, p. 101-108.

-V. M. Petrusevski, M. Najdoski, A. Reka, S. Demiri, G. D. Anastastovska (2006), "Bright youngsters: The 6th Macedonian Chemistry Competition-A source of intriguing ideas", Chem13news, No. 341, Canada.

-N.M. Agh-Atabay, M. Ergin, S. Demiri, B. Ülkeseven, A. Tavman (1999), "Synthesis and characterization of 2,2'-(Polyhydroxy)-bis-(Benzimidazole) ligands and their complexati", XIII. National Chemistry Congress (Ulusal Kimya Kongresi), Samsun - Turkey.

- Projects**
- 2012-2013 "Synthesis of inorganic electrochromic thin films and their used as a chromo amperometric biosensors" Government of Macedonia, Ministry of Education, Researcher,
 - 2014-2014 "Malzeme Bilimi ve Mühendisliği Bölümü Öğrencileri İçin Laboratuvar Altyapısının Oluşturulması ", BAP Researcher, Project FAY-2014-243
 - 2014-2015 "Synthesis of Electrochromic thin films ", BAP, FBA-2014-232, Project Manager
 - 2014-2016 "Obtaining of nanocomposites which metal oxide thin films with metal and/or CNT modification for sensor applications"BAP PhD, FDK-2015-470, Project Manager.

- Conferences**
- Science and Applications of Thin Films, Conference & Exhibition (SATF 2014)
 - NanoTR-11, ODTÜ/ANKARA, Haziran 2015
 - London, United Kingdom - Living Together International Summit, March 2008
 - Salzburg, Austria - Austrian Summer School for Chemistry Teachers, August 2005
 - Eisenstadt, Austria - 8th European Conference for Chemistry Teachers, April 2005
 - Istanbul, Turkey - 18th International Conference on Chemical Education, August 2004
 - Invited participant. 3rd International Balkan Congress, "Role of CSO and Think Tank institutions in Regional Cooperation in Balkans" organized by TASAM and Namik Kemal University, Tekridag, Turkey. 28 April- 1 May 2010.

- Memberships**
- Member of the Bulgarian Society for the Chemistry Education and History and Philosophy of Chemistry (CE&HPC)
 - Member of Turkish Chemical Society
 - Environmental Project Competition2, Struga – President of the jury commission
 - State Chemistry "Dejan Dimovski" Olympiad (for elementary schools) – Member of the jury commission and a chair organizer
 - State Chemistry Olympiad (for high schools) - Chair organizer
 - Member of Founding Council -Analytica– Skopje, Macedonia
 - Editorial Committee member of Analytical Journal

- Courses**
- Undergraduate Courses:**
- General Chemistry
 - Analytical Chemistry
 - Building Materials - Civil Engineering
 - Enginnering Fundamentals

Graduate Courses:

Advanced Materials Chemistry I
Advanced Materials Chemistry II
Energy sustainability and society
Thin Films Deposition and Characterization Techniques

Honours and awards Özütok F, Yrd. Doç. Dr. Sani DEMİRİ, "Genç Girişimci Yarışması, Celal Bayar University, May 2014

Book - M. Najdoski, S. Demiri (2011), Хемиски експерименти во оптичка проекција за наставата по хемија, Skopje (Chemical experiments in optical projection for chemistry education)

-A chapter in the international book published by the Academic Arab College for Education in Israel, Haifa (2006), M. Hugerat, M. Livneh, P. Schwarz, "Microscale Experimentation for All Ages" p. 94-101.

Citations 33

Research Areas Inorganic materials
Inorganic Chemistry
Thin Films
Inorganic chemical technology
Electrochromism
Material Characterization
Materials
Thin Film Processing
Teaching Methods
Electrochromic Devices
Materials Chemistry
X-ray Diffraction
Nanomaterials Synthesis
Thin Film Deposition