

Necip Suat CANARSLAN, PhD

Cyprus Aydın University,
Turkish Rep. of Northern Cyprus
Faculty of Engineering

90 - (533)847 4332

nscanarslan@gmail.com



PERSONAL INFORMATION

Date of Birth: 05 / February / 1963

Marital Status: Married with a child. Married to Nüket; father of Sevgi.

EDUCATIONAL BACKGROUND

High School: **Tech. High School, Eskişehir – Rep. of Türkiye**
(Dept. of Electronics) (Sept., 1976 – June, 1980)

BSc: **Middle East Tech. Univ., Ankara – Rep. of Türkiye**
(Dept. of Metallurgical Eng.) (Sept., 1980 – June, 1985)

MSc: **Anadolu University, Eskişehir – Rep. of Türkiye**
(Dept. of Industrial Eng.) (Sept., 1986 – Sept., 1988)

PhD: **University of Cincinnati, OH – USA**
(Dept. of Materials Sci. & Eng.) (Sept., 1989 – March, 1994)

Course and Seminars:

American Language Academy,
(**Beaver College, PA – USA**) (1989, 6 months)

Pedagogy and Education,
(**Anadolu Univ., Fac. of Edu.**) (2001, 4 months)

WORK EXPERIENCE

* **Cyprus Aydın University,**
Faculty of Engineering,

(Sept., 2024 –

Position: Assistant Professor

Job Description:

Responsible for preparing course materials and teaching courses to undergraduate and graduate students: *Manufacturing Technologies; Materials Science and Eng.; Thermodynamics; Statics; Dynamics; Mechanics of Materials*

* **University of Kyrenia,**

Faculty of Aviation and Space Sciences, (Sept., 2016 – Feb., 2024)

Position: Assistant Professor

Job Description:

Responsible for preparing course materials and teaching courses to undergraduate and graduate students: *Manufacturing Technologies; Materials Science and Eng.; Thermodynamics; Statics; Dynamics; Mechanics of Materials*

* **Girne American Univ., Faculty of Eng.,** (Sept., 2013 – Aug. 2016)

Position: Assistant Professor

Job Description:

Responsible for preparing course materials and teaching courses to undergraduate and graduate students: *Manufacturing Tech.; Materials Sci. and Eng. App.; Linear Algebra; Probability Theory; Statics and Strength of Materials; General Physics*

* **Small and Medium Enterprises (Manufacturing Sector),**

Rep. of Türkiye

(Feb., 2010 – Aug., 2013)

Position: Consultant & Project Manager

Job Description:

Management; Finance; Business Development; Technology; R&D; Forging; Surface Treatments; Project Management (KOSGEB, TÜBİTAK, TTGV, etc.)

*** DMS Casting and Machinery Inc., Denizli** (July, 2009 – Feb., 2010)

Position: General Manager

Job Description:

Responsible for leading and coordinating the strategic planning functions of the company, Oversee most of the firm's marketing and sales functions as well as the day-to-day operations of the business: *Machining; Rolls for Rolling Mills (flat and long products); Centrifugal Casting; Heat and Surface Treatments; Process Management and Strategic Planning; Operations and Project Management*

*** VESTEL Service Providers, Eskişehir** (Dec., 2008 – June, 2009)

Position: Operations Manager

Job Description:

Manage and control the expectations and repair activities of customers. Establish priorities among assigned programs: *Quality Control; Planning; Technical Expertise*

*** ARAL Aerospace Inc., Ankara** (Sept., 2008 – Nov., 2008)

Position: Technical Manager

Job Description:

Provide technical direction on business decisions and in the execution of specific projects: *Coating and Plating Technologies; Surface Treatments; Nondestructive (NDT) Testing; Quality Control (ISO 9001, ISO 14001, ISO 16949, NADCAP)*

*** VESTEL Service Providers, Eskişehir** (Oct., 2006 – Sept., 2008)

Position: Operations Manager

Job Description:

Manage and control the expectations and repair activities of customers. Establish priorities among assigned programs: *Quality Control; Planning; Technical Expertise*

*** Anadolu Univ., School of Civil Aviation, (Faculty of Aeronautics and Astronautics)** (March, 1994 – Sept., 2006)

Position: Assistant Professor

Job Description, Research Interests and Topics:

Thermodynamics; Manufacturing Processes; Aviation Materials; Airframes, Engines and Systems; Maintenance and Repair Management; Casting and Solidification Technologies; Composite Materials Processing; Coating Technologies; Mechanical Behaviour of Materials; Ceramic Processing and Technology; Electrical Ceramics

*** Turkish General Staff, Rep. of Türkiye** (August., 1996 – Nov., 1997)

Position: Second Lieutenant

*** Univ. of Cincinnati, OH – USA** (Sept., 1989 – March, 1994)

Position: Research Assistant

Job Description, Research Interests and Topics:

Manufacturing Processes; Ceramic Processing and Technology; Composite Materials Processing; Combustion Synthesis; Coating Technologies; Porous Materials

*** Anadolu Univ., Metall., Research Inst.,** (Jan., 1988 – June, 1989)

Position: Research Assistant

Job Description, Research Interests and Topics:

Casting and Solidification Technologies; Mechanical Behaviour of Materials

*** Anadolu Univ., Dept. of Industrial Eng.,** (Jan., 1986 – Jan., 1988)

Position: Research Assistant

Job Description, Research Interests and Topics:

Manufacturing Processes; Operations Research; Production Planning and Control; Feasibility Studies; Total Quality Management; Engineering Economics

PUBLICATIONS

US Patents, Science Citation Indexed Journal Articles, Proceedings of National and International Congresses (over 20 publications)

2021	Journal Article	O.S. Canarşlan, L. Koroglu; E. Ayas; N.S. Canarşlan; A. Kara; P. Veronesi "Susceptor-Assisted Fast Microwave Sintering of TiN Reinforced SiAlON Composites in a Single Mode Cavity", Ceramics International, 47 (1), 828-835
2019	Journal Article	N.S. Canarşlan and O. S. Canarşlan, " <u>Combustion synthesis of SiC-MoSi₂-Al₂O₃ composites</u> ", Ceramics International, 45, (12), 14505-14509
2000	Journal Article	N.S. Canarşlan, "Exp. Studies of Particle Packing and Combustion Behaviour of the Slip Cast SiO ₂ -Al-C System", J. Materials Research Letters. 19, 357-358, 2000
1998	Conference Paper	N.S. Canarşlan, "SiC-MoSi ₂ -Al ₂ O ₃ Elektriksel Isıtma Elemanlarının Yanma Sentezi Yöntemiyle Üretimi", 4th Int. Ceram. Cong., Eskişehir, 1998
1998	Conference Paper	Alpay ve N.S. Canarşlan, "J-79 Jet Motoru Egzoz Flaplarında Kullanılan Plazma Sprey ZrO ₂ Termal Bariyer Kaplamasına SiC İlavesinin Kaplama Mekanik Özellikleri Üzerine Etkisi", 4th Int. Ceram. Cong., Eskişehir, 1998
1997	Conference Paper	N.S. Canarşlan, "Döküm Sürecine Yönelik Filtre Sistemleri ve SiC-Al ₂ O ₃ Sünger Filtre Üretimine İlişkin Olurluluk Çalışmaları", 9th Int. Met. and Mater. Cong., Ankara, 1997
1997	Conference Paper	N.S. Canarşlan, "Future Generation Composite Materials in Aviation Industry", 2nd Int. Aviation Symp., İstanbul, 1997
1996	Conference Paper	H. Kurama ve N.S. Canarşlan, "The Filtration of Pb ⁺⁺ ions Contained in a Waste Water by the Foam Filter Fab. Using Zeolite Based Comp.", 3rd Int. Ceram. Cong., İstanbul, 1996
1994	Conference Paper	N. Canarşlan ve N.S. Canarşlan, "The New Emerging Technology, Combustion Synthesis for Materials Processing", 2nd Int. Ceram. Cong., İstanbul, 1994

1994	Conference Paper	N.S. Canarslan, "The Inf. of the Slip Parameters on the Slip Casting and the Comb. Synthesis of Colloidal Silica Susp. SiO ₂ -Al-C System", 2nd Int. Ceram. Cong., İstanbul, 1994
1994	USA Patent	J.A. Sekhar, V. Subramanian ve N.S. Canarslan, "Combustible Slurry for Joining Metallic or Ceramic Surfaces or for Coating Metallic, Ceramic and Refractory Surfaces", U.S.A. Patent. Serial No: 5376421, 1994
1993	USA Patent	J.A. Sekhar, S.B. Bhaduri, H.P. Li ve N.S. Canarslan, "Manufacture of Net Shaped Metal Ceramic Composite Engineering Components by Self-Propagating Synthesis", U.S.A. Patent. Serial No: 5188678, 1993

SOCIAL LIFE

Areas of Interest: *Economy Politics; Organic Gardening; Painting; Hunting*

Memberships: *TMMOB Chamber of Metallurgical Engineers; Turkish Ceramic Society*

EMPLOYMENT OBJECTIVE

A responsible administration, academic and engineering/research position consistent with my educational background and experience.

REFERENCES

Prof.Dr. Hikmet Karakoç

*Fac. of Aeronautics and
Astronautics, A. Univ.
Eskişehir, Turkey*

Ertan Fırat

*General Manager
AVIVA Sigorta A.Ş.
İstanbul, Turkey*

Aydın Güneş

*General Manager
TURKISH OPET
İstanbul, Turkey*