


**IŞIK UNIVERSITY**  
**Mechanical Engineering Department**  
**Personnel Data Form**

A. PERSONAL		
Title	Assist. Prof. Dr.	
Name	Ayşenur Gül	
Birth Place / Year	İstanbul	
e-Mail / Personal Web Site	<a href="mailto:aysenur.gul@isikun.edu.tr">aysenur.gul@isikun.edu.tr</a>	
Working Field(s)	Material Science	
Foreign Language(s)	English	

B. EDUCATION			
Degree	Year	Subject	Institution
Doctorate	2012	Material Science and Engineering	Istanbul Technical University
Master of Science	2016	Occupational Health and Safety	Üsküdar University
Master of Science	2005	Material Science and Engineering	Istanbul Technical University
Bachelor of Science	2002	Chemical Engineering	Istanbul Technical University
Associate			

C. ACADEMIC		
Title	Year	Institution
Professor		
Associate Professor		
Assistant Professor	2016 -	Işık University
Lecturer	2013-2016	Işık University
Research Assistant	2003-2012	Istanbul Technical University

D. PROFESSIONAL EXPERIENCE	
a. Domestic	
b. Abroad	
2014-2015	Cambridge University, England: Materials Science and Metallurgy, Postdoctoral Researcher - 2219 TÜBİTAK Scholarship:
2009	Gunma University, Japan: Visiting Researcher
2003-2004	Kyushu University, Japan: Visiting Researcher

E. ADMINISTRATIVE EXPERIENCE
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<b>a. At Işık University</b>	
2018-2023	Işık University, Coordinator of Occupational Health and Safety Non-Thesis Master's Program
2018-2021	Işık University, Graduate School of Natural and Applied Sciences Board Member
2018-2021	Işık University, Graduate School of Natural and Applied Sciences Director Board Member
2013-2019	Işık University, Health Services Vocational School Board Member
2013-2018	Işık University, Health Services Vocational School Director Board Member
2015-2019	Işık University, Head of Medical Laboratory Techniques Program
2013-2014	Işık University, Head of Occupational Health and Safety Program
2013-2014	Işık University, Head of Optician Program
2013-2014	Işık University, Head of Audiometry Program
2013-2014	Işık University, Head of Medical Documentation and Secretarial Program
2013-2014	Işık University, Assistant Director of Health Services Vocational School
<b>b. At Other Institutions/Companies</b>	

<b>F. INTERESTED SUBJECTS</b>
Materials Science
Nanomaterials
Carbon Materials
Occupational Health and Safety

<b>G. INSTRUCTED COURSES</b>	
<b>a. At Işık University</b>	<b>b. At Other Institutions</b>
CHEM1101 General Chemistry	KMM545 Proses Güvenliği (İTU)
ISAG4411 İş Sağlığı ve Güvenliği-I	
ISAG4412 İş Sağlığı ve Güvenliği-II	
PSKO2101 İş Sağlığı ve Güvenliğine Giriş	
CIVL2201 Engineering Materials	
MECH2322 Thermodynamics	
MECH4370 Energy Systems	

<b>H. NUMBER OF SUPERVISED GRADUATE THESIS</b>	
<b>Master of Science</b>	2
<b>Doctorate</b>	

<b>I. PUBLICATIONS</b>						
Type	SCI-Expanded International Journal Papers	Other International Journal Papers	National Referred Journal Papers	International Symposium Papers	National Symposium Papers	Books / Chapters in Books (Translations Incl.)
<b>Numbers</b>	5	1		13		

SCI-Expanded Total Number of Citations
<b>Important Publications</b>
<ul style="list-style-type: none"> <li>• <b>Articles published in international peer-reviewed journals (SCI)</b></li> <li>• Gul, A, Yardım, M.F., "Preparation and characterization of mesophase pitch based carbon foam produced at low pressure", Journal of Porous Materials, 22, 851–857, 2015.</li> <li>• Sipahi, M., Gul, A., Sarac, A.S, Parlak, E.A., Ekinci, E., Yardım, M.F., "Electrochemical impedance study of polyaniline electrocoated porous carbon foam", Progress in Organic Coatings, 62, 1, 96-104, 2008.</li> <li>• Gul, A, Yardım, M.F., "Preparation and characterization of mesophase pitch based carbon foam produced at low pressure", Journal of Porous Materials, 22, 851–857, 2015.</li> <li>• Sipahi, M., Gul, A., Sarac, A.S, Parlak, E.A., Ekinci, E., Yardım, M.F., "Electrochemical Kirca, M., Gul, A., Ekinci, E., Yardim, M. F., Mugan, A., "Computational Modelling of Micro-Cellular Carbon Foam", Finite Elements in Analysis and Design, 44, 1-2, 45-52, 2007.</li> </ul>
<p><b>Papers presented at international scientific meetings and published in the proceedings</b></p> <ul style="list-style-type: none"> <li>• Gul A., Kamali, A.R., Enhancement of Epoxy Properties Through Graphene Nanofillers Produced in Molten Salt: Morphological, Thermal and Mechanical characterization, International Conference on Green Chemical and Manufacturing, 2025, England.</li> <li>• Gul A., Kamali, A.R., Tailored Thermo-Mechanical Behaviour of CNT/Epoxy Nanocomposites via Solvent-Assisted Dispersion, International Conference on Mechanical Manufacturing Technology and Material Engineering -MMTME, 2025, China.</li> <li>• Gul, A., Yardım, M.F.,Ekinci,E., "Karbon Köpüğü Üretim Prosesinde Basınç Parametresinin İncelenmesi, 6. Ulusal Kimya Mühendisliği Konferansı , 2006, Türkiye.</li> <li>• Gul,A., Dinçer,A., Yavuz,R., Karatepe,N., "Removal of Chromium from Aqueous solution using Activated Carbon", 5th International Modern Management of Mine Producing, Geology and Environmental Protection Conference, 2005, Bulgaristan.</li> <li>• Eksilioglu,A., Karadag, F., Gul,A., Sipahi,M., Budinova,T., Petrov,N., Savova,D.,"Purification of Water from Metal Ions by Activated Carbons Obtained From Coals and Agricultural by- Products ", 5th International Modern Management of Mine Producing, Geology and Environmental Protection Conference, 2005, Bulgaristan.</li> <li>• Gul, A., Ulker C., Guvenilir A. Y., "Biopolymer Films Reinforced With MWCNTs For Tissue Engineering Applications", 6th International Conference on Biodegradable Polymers, Biopol 2017, 11-13 Ekim 2017, Belçika</li> <li>• Gul, A., "Health and Safety Criteria for the Use and Disposal of Lithium-Ion Batteries", 8. International Conference on Occupational Safety &amp; Health, 2016, Türkiye</li> <li>• Gul, A., Ekinci, E., Yardim, M. F., "The Effect of Carbon Nanofiber Addition on the Structure of Carbon Foam", Carbon Materials for Today and Future Symposium, 2010, Türkiye.</li> <li>• Gul, A., Ekinci, E., Yardim, M. F.,"The Effect of HCNF Addition on the Cell Morphology of Mesophase Pitch Based Carbon Foam", 6. Chemical Engineering Conference For Collaborative Research in Eastern Mediterranean Countries, 2010, Türkiye.</li> <li>• Gul, A., "Health and Safety Issues Associated with Nanotechnology", 18th International Metallurgy and MaterialsCongress, 28 Eylül- 1 Ekim 2016, Istanbul</li> <li>• 3</li> <li>• Gencay,N., Eksilioglu,A., Gul,A., Karadag,F., Ekinci.E., Yardim,M.F., "Mesophase AR Pitch Derived Carbon Foam: Effect of Temperature, Pressure and Pressure Release Time", International Carbon 2004 Conference, Rhode Island, Amerika.</li> <li>• Gul, A., Yardım, M.F.,Ekinci,E., "Karbon Köpüğü Üretim Prosesinde Basınç Parametresinin İncelenmesi, 7. Ulusal Kimya Mühendisliği Konferansı , 2006, Türkiye.</li> <li>• Gul, A., Ekinci, E., Yardim, M. F., "Karbon Köpüğü Yapısına Karbon Nanofiberin Etkisi", 9. Ulusal Kimya Mühendisliği Konferansı, 2010, Türkiye.</li> <li>• Eksilioglu,A., Gencay, N., Gul, A., Yardım, M.F., Ekinci, E.,"Kemik İmplant Malzemesi olarak Karbon Köpüğünün Gözenek Yapısı", 7. Ulusal Kimya Mühendisliği Konferansı , 2006, Türkiye</li> </ul>

**Others**

- Qzay, M. E., Cakır, O., Ucan, R., Gul A., "Application of RULA and NIOSH Ergonomic Risk Assessment Methods: A Case Study in Construction Industry in Turkey"

**J. RESEARCH EXPERIENCE**

Number of Projects	DPT Projects	TÜBİTAK Projects	SANTEZ Projects	BAP Projects	EU Projects	Other Projects
As Supervisor						
As Researcher						

**K. REFERREING**

Type	SCI Journals	Other Journals		Symposiums		R & D Projects		
		National	International	National	International	ARDEB	TEYDEB	International
Numbers								

**L. INTELLECTUAL PROPERTIES**

Patents	Utility Models	Industrial Designs	Other

**M. PROFFESIONAL ASSOCIATION MEMBERSHIPS**

Turkish Carbon Association, (<https://karbondernegi.org/>)

**N. OTHER USEFUL INFORMATION (if any)**
