

Professor Mustafa Güden

Professor Mustafa Güden got Bachelor's Degree in 1989 and Master's Degree in 1992 from the Department of Metallurgical Engineering at Middle East Technical University of Turkey. He received his PhD from the Materials Science and Engineering Department of University of Delaware in 1998 on the high strain mechanical behavior of metal matrix composites. He is currently a Professor at the Mechanical Engineering Department of İzmir Institute of Technology (IZTECH), Turkey. He was a visiting researcher at the University of Delaware Center for Composite Materials and Kazakh-British Technical University. Prof. Güden acted as the chairman of IZTECH Material Research Center and a member of Izmir Technopark Executive Council and was the Rector of IZTECH between 2010 and 2018. He was also the committee member TÜBİTAK Technology Transfer Mechanism Support Group Executive (TEMEG), the member of Higher Education Council University Industry Cooperation Committee and the member of Turkish-Russian Social Forum Education Science Committee. His research focusses on the composite materials (carbon and glass fiber reinforced and nano silica reinforced epoxy matrix composites, ceramic fiber and particulate reinforced aluminum and magnesium matrix composites, ceramic-ceramic composites), dynamic testing and modelling (Ls-DYNA, Mat 162), cellular and lattice structures (Aluminum foams, honeycomb and corrugated structures, Titanium foams, cellular concrete and glass foams), additive manufacturing (316 L Stainless Steel and Ti64), and the dynamic tests (Split Hopkinson Pressure Bar and Direct impact and Taylor impact tests). He has co-authored 113 peer reviewed journal articles (4334 citations in Google Scholar, h-index=37) and 92 conference proceedings. He has given numerous keynote and invited lectures at international conferences. Dr. Güden has also been awarded with Professor Mustafa Parlar Master Thesis Award, Husamettin Tugac Foundation Technology Research Award, TUBITAK Motivation Award and Elginkan Foundation Technology Award.