

1. Name: **Hakan Gultekin**
2. Education – degree, discipline, institution, year: -
 - Ph.D. Industrial Engineering, Bilkent University, Ankara, Turkey, 2007
 - M.S. Industrial Engineering, Bilkent University, Ankara, Turkey, 2002
 - B.S. Industrial Engineering, Bilkent University, Ankara, Turkey, 2000
3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full time or part time: -
 - Sultan Qaboos University, Assoc Prof. 2018- Present, Full-time
 - TOBB University of Economics and Technology, Assoc. Prof., 2013-2018, Full-time
 - TOBB University of Economics and Technology, Assist. Prof., 2007-2013, Full-time
 - TOBB University of Economics and Technology, Assistant Director, Institute of Engineering and Sciences, 2010-2013, Full-time
 - TOBB University of Economics and Technology, Vice Dean, Engineering Faculty, 2011-2013, Full-time
4. Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time: -
5. Certifications or professional registrations: -
6. Current membership in professional organizations: -
 - Operational Research Society, Turkey.
 - EURO Working Groups on Project Management and Scheduling, Metaheuristics (EU/ME) Combinatorial Optimization (ECCO), Automated Timetabling (PATAT)
7. Honors and awards: -
 - Best Teacher Award, 23rd University Day, Sultan Qaboos University, 1 May 2023
8. Service activities (within and outside of the institution): -
 - College Board Member (2023-present)
 - College Research Committee Member (2020-present)
 - Department Postgraduate Studies and Research (DPGSR) Chair (2020-2024), IE program coordinator (2020-present)
 - Continuous Assessment and Evaluation Committee–Industrial Eng. Program Member (CAEC-IE) (2019-present)
 - Department Strategic Planning Committee Member (2020-present)
 - Department Recruitment Committee Member (2022-present)
 - Department Academic Programs Modernization Committee Member (2022-present)
 - Department Self Study Report Committee Co-chair (2022-present)
 - Department Conference Committee Co-chair (2023-present)

9. Briefly list the most important publications and presentations from the past five years: -
 - Khalid Alfahdi, **Hakan Gultekin**, Emad Summad. "A Novel Prognostics and Health Management Framework to Extract System Health Requirements in the Oil and Gas Industry." *International Journal of Prognostics and Health Management* 15.2, 2024.
 - C. T. Cicek, Ç. Koç, **H. Gultekin** and G. Erdoğan, "Communication-Aware Drone Delivery Problem," in *IEEE Transactions on Intelligent Transportation Systems*, vol. 25, no. 8, pp. 9168-9180, 2024.
 - **Hakan Gultekin**, Riadh Zaier, and Amur Al-Yahmedi. "Scheduling Parallel Machine Robotic Cells with Energy Consumption Objective." In *Proceedings of the International Conference on Sustainability: Developments and Innovations*, pp. 198-206. Singapore: Springer Nature Singapore, 2024.
 - MC Kocer, A Onen, J Jung, **H. Gultekin**, S Albayrak, Optimal Location and Sizing of Electric Bus Battery Swapping Station in Microgrid Systems by Considering Revenue Maximization *IEEE Access*, 11, 41084-41095, 2023.
 - S. Gürel, **H. Gultekin**, N. Emiroglu (Tatar), Scheduling a dual gripper material handling robot with energy considerations, *Journal of Manufacturing Systems*, 67:265-280, 2023.
 - C.E. Kement, M. Ilic, **H. Gultekin**, C. T. Cicek, B. Tavli, Privacy protection via joint real and reactive load shaping in smart grids, *Sustainable Energy, Grids and Networks*, 32, 100794, 2022.
 - C.T. Cicek, Z.J.M. Shen, **H. Gultekin**, B. Tavli, 3-D Dynamic UAV Base Station Location Problem, *INFORMS Journal on Computing*, 33(3), 839-860, 2021.
 - N. Oner, **H. Gultekin**, C. Koc, The airport shuttle bus scheduling problem, *International Journal of Production Research*, 59:24, 7400-7422, 2021.
 - **H. Gultekin**, S. Gürel, Rabia Taspinar, Bicriteria scheduling of a material handling robot in an m-machine cell to minimize the energy consumption of the robot and the cycle time, *Robotics and Computer-Integrated Manufacturing*, 72:102207, 2021.
 - C. E. Kement, B. Tavli, **H. Gultekin** and H. Yanikomeroglu, Holistic Privacy for Electricity, Water, and Natural Gas Metering in Next Generation Smart Homes, *IEEE Communications Magazine*, 59(3):24-29, 2021.
 - C. E. Kement, **H. Gultekin**, B. Tavli, A Holistic Analysis of Privacy-Aware Smart Grid Demand Response, *IEEE Transactions on Industrial Electronics*, 68(8):7631-7641, 2021.
 - C. Agrali, **H. Gultekin**, S. Tekin, N. Oner, Measuring the value of energy storage systems in a power network, *International Journal of Electrical Power & Energy Systems*, 120: 106022, 2020.
 - C. T. Cicek, **H. Gultekin**, B. Tavli, H. Yanikomeroglu, Backhaul-Aware Optimization of UAV Base Station Location and Bandwidth Allocation for Profit Maximization, *IEEE Access*, 8: 154573-154588, 2020.
10. Briefly list the most recent professional development activities: -
 - Certificate of Completion of five courses on “Assessments and Rubric Design/Selection”, “Course Design”, “Introduction to CHETL and Educational Philosophy”, “Outcome Based Learning Objectives”, “Teaching Critical Thinking” as part of the Certificate in Higher Education Teaching and Learning (CHETL), Sultan Qaboos University, October 3- March 20, 2022.
 - Two days training program “Astorlabe: Enhancing better communication skills teamwork and adaptability to change skills”, CETL at SQU and Oman Sail, 16-17 December 2022