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Education

- PhD, Department of Resources Engineering, National Cheng-Kung University, 2001/10
- Master, Department of Industrial Management, National Cheng-Kung University, 1986/06

Area of Specialty

- Statistical Analysis, Theory and Application of Grey System, Strategic Management, Industrial Analysis, Resources Management and Economics

Academic Experience

- Associate Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2002/07 to present
- Assistant Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2002/01 to 2002/06
- Instructor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 1990/08 to 2001/12

Publications

Journal Papers

1. J. H. Yen (2003) "Water Supply Benefit Analysis of Transbasin Water Transport Between Kaoping and Tsengwen River Basins Using the WRAMST Model," *Journal of Taiwan Water Conservancy*, Vol. 51, No. 2, 73-80.
2. J. H. Yen and T. M. Chang (2002) "An Application of the Grey Relational Analysis and Analysis Hierarchy Process to the Supplier Selection Problem," *Journal of Logistic Research*, No. 1, 15-42.
3. J. H. Yen (2002) "Analysis of Water Distribution Benefit for the Integrated Use of Water Resources in South Taiwan," *Journal of Taiwan Water Conservancy*, Vol. 50, No. 1, 81-92.
4. J. H. Yen and C. Y. Chen (2001) "Forecasting and Analysis of the Public Water Demand in Chianan and Kaoping Area," *Water Resources Management*, Vol. 52, No. 3, 161-195.
5. J. H. Yen and C. Y. Chen (2001) "Allocation Strategy Analysis of Water Resources in South Taiwan," *Water Resources Management*, Vol. 15, No. 5, 283-297. [SCI]
6. J. H. Yen and C. Y. Chen (2000) "The Application of the Grey System Theory to the Public Water Demand Forecasting," *Journal of Taiwan Water Conservancy*, Vol. 48, No. 3, 69-77.
7. J. H. Yen, N. F. Chou and C. Y. Chen (1999) "Simulation of Water Resources Allocation strategies of Southern Taiwan," *Journal of Taiwan Water Conservancy*, Vol. 47, No. 1, 81-91.
8. R. H. Wu, J. H. Yen, C. H. Chen and S. T. Tsai (1989) "Energy Analysis of an Integrated Steel Mill: A Process Modeling Approach," *Energy – The International Journal*, Vol. 14, No. 12, 831-838. (EI)

Conference Papers

1. J. H. Yen and R. S. Sheen (2012) "Comparison of Different Treatment Methods for Residual Data in the Residual Modification Grey Model," *The 17th Grey System Theory and Application Conference*, Ilan, Taiwan.
2. J. H. Yen, L. F. Li (2010) "Study on the Critical Effect Factors Analysis and Improvement Alternatives for Reliability and Quality of Power Supply in Tainan Science Park," *Industrial Information and Application Trend Conference*, Tainan, Taiwan.

3. J. H. Yen, C. H. Chiu and H. T. Chang (2010) "The Competitive Strategy Research of Taiwan's Solar Cell Manufacturer-Using Motech as an example," Chinese Institute of Industrial Engineers 2010, Tainan, Taiwan.
4. J. H. Yen, C. H. Chiu and C. C. Ho (2008) "The Competitive Strategy Research of Taiwan's Professional TFT LCD Color Filter Manufacturer - Using Sintek Photronic as an example," The 7th Industry Development and Business Management Conference of Taiwan and Mainland China, Tainan, Taiwan.
5. J. H. Yen, Y. N. Chen and S. A. Wang (2007) "Finance Performance Evaluation of Financial Holding Companies Using the Combinative Grey Relational Analysis and Principal Component Analysis," The 12th Grey System Theory and Application Conference, Ilan, Taiwan.
6. J. H. Yen and W. J. Lo (2007) "A Study on the Grey Prediction Models of Power Demand in Tainan Science Park," The 12th Grey System Theory and Application Conference, Ilan, Taiwan.
7. J. H. Yen and C. C. Chen (2007) "Applying Grey Prediction Model to Forecast the Number of Cellular Phone Subscribers for Telecom Company in Taiwan," The 12th Grey System Theory and Application Conference, Ilan, Taiwan.
8. J. H. Yen and C. C. Ho (2006) "Evaluation of Financial Performance for TFT-LCD Panel Manufacturers in Taiwan Using the Combinative Grey Relational Analysis," The 11th Grey System Theory and Application Conference, Hsinchu, Taiwan.
9. J. H. Yen and L. F. Li (2006) "Study on the Critical Effect Factors Analysis and Improvement Alternatives for Reliability and Quality of Power Supply in Taiwan Science Park," The 11th Grey System Theory and Application Conference, Hsinchu, Taiwan.
10. J. H. Yen and S. A. Wang (2005) "Evaluation of Operational Performance for Domestic Financial Holding Companies Using the Entropy Theory and Grey Relational Analysis," The 3th Management Thoughts and Practice Conference, Taipei, Taiwan.

Dissertation

- Yen, Jung-Hsiang (2001) "A Study on the Dynamic Model Construction of Integrated Allocation for Water Resources among Watershed in South Taiwan," Ph.D. Dissertation, National Cheng-Kung University.

Books

Professional Certifications

1. Personal Information Management System Auditor/Leader Auditor Training Course (BS 10012:2009), Date of achievement: November 18, 2015.
2. Office Excel[®] 2013, Date of achievement: July 31, 2015.
3. Office Word 2013, Date of achievement: July 31, 2015.
4. Office Excel[®] 2010 Expert, Date of achievement: July 31, 2014.
5. Office Powerpoint[®] 2010, Date of achievement: July 30, 2014.
6. Office Word 2010 Expert, Date of achievement: January 8, 2013.
7. Office Access 2010, Date of achievement: November 24, 2012.
8. ERP Application Engineer for Manufacturing Module of SAP ECC 6.0, Certified on: 01, 2012.

Professional Experience

Grants

1. Yen, Jung-Hsiang (2020) ," The Promoting Plan of Manpower for the Small Enterprise "(2020/小型企業人力提升計畫-跨介文化傳播有限公司), Workforce Development Agency, Yunlin-Chiayi-Tainan Regional Branch. (Project No:3200-108P030)
2. Yen, Jung-Hsiang (2020) ," Government-university Cooperative Employment Service Subsidiary Plan"(結合大專校院辦理就業服務補助計畫), Workforce Development Agency, Yunlin-Chiayi-Tainan Regional Branch. (Project No:Q000-108P001)
3. Yen, Jung-Hsiang (2019) ," Government-university Cooperative Employment Service Subsidiary Plan"(結合大專校院辦理就業服務補助計畫), Workforce Development Agency, Yunlin-Chiayi-

- Tainan Regional Branch. (Project No:Q000-107P001)
4. Yen, Jung-Hsiang (2018) ,” Government-university Cooperative Employment Service Subsidiary Plan”(結合大專校院辦理就業服務補助計畫), Workforce Development Agency, Yunlin-Chiayi-Tainan Regional Branch. (Project No:Q000-106P003)
 5. Yen, Jung-Hsiang (2017-2018) ,”Promotion of the Universities Career Counseling Program”, Youth Development Administration, Ministry of Education. (Project No:Q000-106P001)
 6. Yen, Jung-Hsiang (2017) ,” Government-university Cooperative Employment Service Subsidiary Plan”(結合大專校院辦理就業服務補助計畫), Workforce Development Agency, Yunlin-Chiayi-Tainan Regional Branch. (Project No:Q000-105P003)
 7. Yen, Jung-Hsiang (2016-2017) ,”Promotion of the Universities Career Counseling Program”, Youth Development Administration, Ministry of Education. (Project No:Q000-105P001)
 8. Yen, Jung-Hsiang (2016) ,” Government-university Cooperative Employment Service Subsidiary Plan”(結合大專校院辦理就業服務補助計畫), Workforce Development Agency, Yunlin-Chiayi-Tainan Regional Branch. (Project No:Q000-104P014)
 9. Yen, Jung-Hsiang (2016) ,”Promotion of the Universities Career Counseling Program”, Youth Development Administration, Ministry of Education. (Project No:Q000-104P015)
 10. Yen, Jung-Hsiang (2015) ,” Government-university Cooperative Employment Service Subsidiary Plan”(結合大專校院辦理就業服務補助計畫), Workforce Development Agency, Yunlin-Chiayi-Tainan Regional Branch. (Project No:Q000-103P010)
 11. Yen, Jung-Hsiang (2015) ,”Promotion of the Universities Career Counseling Program”, Youth Development Administration, Ministry of Education. (Project No:Q000-103P012)

Entrusted Practical Projects

Honors and Awards

Patents