



## ● Personal information

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## ● Education

|                                          |                                                       |     |                   |
|------------------------------------------|-------------------------------------------------------|-----|-------------------|
| National Taipei University of Technology | College of Management                                 | PhD | 2015/09 – 2023.01 |
| National Taipei University of Technology | Institute of Environmental Engineering and Management | MS  | 2009.09 – 2013.06 |
| Ming Chuan University                    | Institute of Management Science                       | MS  | 1999.09 – 2001.06 |
| Chinese Culture University               | Department of Applied Mathematics                     | BS  | 1995.09 – 1999.06 |

## ● Experience

|                                                   |                                       |                               |                                        |
|---------------------------------------------------|---------------------------------------|-------------------------------|----------------------------------------|
| Asia Eastern University of Science and Technology | Department of Industrial Management   | Assistant Professor           | 2026.08 – Present                      |
| Lunghwa University of Science and Technology      | Department of Industrial Management   | Assistant Professor (Adjunct) | 2025.02 – 2026.07                      |
| Minghsin University of Science and Technology     | Department of Industrial Management   | Assistant Professor (Adjunct) | 2023.08 – 2026.07                      |
| Minghsin University of Science and Technology     | Department of Business Administration | Assistant Professor (Adjunct) | 2023.02 – 2023.07                      |
| Minghsin University of Science and Technology     | Department of Business Administration | Lecturer (Adjunct)            | 2022.02 – 2023.01<br>2018.08 – 2019.01 |
| Corporate Synergy Development Center              | Technology R&D Center                 | Senior Researcher             | 2022.03 – 2025.04                      |
|                                                   | Corporate Coaching Department         | Technical Director            | 2019.03 – 2022.03                      |
|                                                   |                                       | Manager                       | 2015.07 – 2019.03                      |
|                                                   |                                       | Project Manager               | 2014.01 – 2015.06                      |
|                                                   |                                       | Technical Manager             | 2013.01 – 2013.12                      |



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|-----------------------------------------|-------------------------------|-------------------|-------------------|
|                                         |                               | Senior Consultant | 2007.06 – 2012.12 |
| Hsin Tung Yang Co., Ltd.                | General Manager's Office      | Specialist        | 2006.03 – 2007.05 |
| Corporate Synergy Development Center    | Corporate Coaching Department | Consultant        | 2004.12 – 2006.02 |
| Lung Teng Cultural Enterprise Co., Ltd. | Planning Department           | Specialist        | 2003.12 – 2004.11 |
| HCT Logistics Co., Ltd.                 | Business Department           | Specialist        | 2003.05 – 2003.10 |

## ● Other Experience

|                                                    |                                                                        |                   |                   |
|----------------------------------------------------|------------------------------------------------------------------------|-------------------|-------------------|
| Corporate Synergy Development Center               | Taiwan Continuous Improvement Award (TCIA)                             | Judge             | 2018.05 – Present |
| National Defense Industrial Development Foundation | Evaluation Center for the Certification of Regulated Military Supplies | Judge             | 2024.07 – Present |
| Chinese Excellence Management Association (CEMA)   | Secretariat Office                                                     | Secretary-General | 2023.06 – 2025.05 |

## ● Expertise

- Total Quality Management (TQM)
- Production and Operations Management
- Project Management
- Lean Management
- Practical Factory Management
- Statistical Analysis
- Industrial Engineering (IE) Improvement

## ● Publications

### 1. Journal Paper

#### (1) International Journals

- **Ping-Hsin Fan**, (2024). APPLYING SIX SIGMA TO IMPROVE THE DEFECT RATE OF ELECTRONIC COMPONENTS: A SIX SIGMA CASE STUDY. *South African Journal of Industrial Engineering*, 35(1), 41-56. (SCIE) DOI: 10.7166/35-1-2899 (Single Author)
- Mei-Ling Lu; **Ping-Hsin Fan**, (2023). APPLYING DEMATEL TO DISCUSS KEY FACTORS IN SHAPING ORGANISATIONAL CULTURE OF LEAN MANAGEMENT. *South African Journal of Industrial Engineering*, 34(2), 22-35. (SCIE) DOI: 10.7166/34-2-2884 (Corresponding Author)

- Chun Tze Hsiao; Chih-Ping Lin; **Ping-Hsin Fan**, (2023). THE APPLICATION OF SIX SIGMA TO IMPROVE THE YIELD OF PLASTIC INJECTION MOLDING. *South African Journal of Industrial Engineering*, 34(2), 152-170. (SCIE) DOI: 10.7166/34-2-2887 (Corresponding Author)
- Mei-Ling Lu; **Ping-Hsin Fan**, (2023). The Current Status of Lean Manufacturing Maturity of Taiwanese Enterprises. *International Journal of Social Relevance & Concern*, 11(3), 48-54. DOI: 10.26821/ijsrc.11.3.2023.110324 (Corresponding Author)
- **Ping-Hsin Fan**, (2023). Case Study on the Supply Chain Resilience of Potential Hidden-Champion Enterprises in Taiwan. *SSRG International Journal of Industrial Engineering*, 10(1), 11-19. DOI: 10.14445/23499362/ijie-v10i1p103 (Single Author)
- **FAN, P. H.**; CHANG, W. L., (2021). DEVELOPING A SUSTAINABLE BUSINESS EXCELLENCE MODEL AND DISCUSSING KEY FACTORS. *South African Journal of Industrial Engineering*, 32(1), 105-118. (SCIE) DOI: 10.7166/32-1-2397 (First Author / Corresponding Author)

## (2) Domestic Journals

- **Fan, P. H.**, & Chang, W. L. (2020). Integrating Sustainability Indicators into Business Excellence Models. *Minghsin Journal*, 44(1), 80-102. DOI: 10.29688/MHJ (First Author / Corresponding Author)
- **Fan, P. H.**, & Liao, S. K. (2017). A Study on the Key Success Factors of Business Excellence for Small and Medium Enterprises. *Journal of Innovation and Business Management*, 7(1), 31-49. DOI: 10.6270/JIBM.2017.7(1)31 (First Author / Corresponding Author)

## 2. Published Books

- *The Blue Ocean Road to Quality: Applying Team Improvement and Self-Assessment to Reach the Summit*, 2010 (ROC Year 99). Corporate Synergy Development Center, Taipei. (Co-authored)
- *Factory Improvement and Management Tools - Foundation Edition*, 2013 (ROC Year 102). Corporate Synergy Development Center, Taipei. (Co-authored)

## ●Certifications

| Issuing Organization                             | Certification Title                   | Certificate NO. | Date       |
|--------------------------------------------------|---------------------------------------|-----------------|------------|
| Chinese Institute of Industrial Engineers (CIIE) | Industrial Engineer                   | NO.00071        | 2007.12.11 |
| Project Management Institute (PMI)               | Project Management Professional (PMP) | 1450016         | 2011.08.24 |
| Society of Manufacturing Engineers (SME)         | Certified Manufacturing Manager (CMM) | --              | 2004.08.14 |
| Chinese Society for Quality                      | Certified Quality Technician          | CQT 50290       | 2006.06.03 |



|                                     |                             |           |            |
|-------------------------------------|-----------------------------|-----------|------------|
| (CSQ)                               | (CQT)                       |           |            |
| TMS & TPS Certification Association | TPS Certification (Level 4) | 21TPS0146 | 2021.11.09 |

## ● Achievement

- **Assisted in winning the Little Giant Award:** SOG Oil Seal
- **Assisted in winning the National Quality Award:** White House Foods, TEMC Metal & Chemical Corp., Gudeng Precision Industrial (TWSE: 3680), BIOTEQ Corporation (TWSE: 4107), Taiwan Shin Kong Security (TWSE: 9925)
- **Representative Corporate Clients (Consulting & Corporate Training)**
  - (1) **Traditional Manufacturing:** SOG Oil Seal, Gaussong, Shao Chi Rubber, Ta Fong Plastic, Harbor Fluid Control, King Tony, Taiwan Yuasa Battery, Panasonic Taiwan, Sheico Group, A-Team Members of Aerospace Industrial Development Corporation (AIDC), TECO, TEMC, Chandox, Chuang Wei Plastic, Panasonic Industrial Devices Sales Taiwan, Ford Supplier System, Kwang Jung Precision, Jyun Yi Steel, Ying Song, Horng Kuang, Merida Industry
  - (2) **Healthcare & Medical:** Taipei Medical University Hospital, Shuang Ho Hospital, Cathay General Hospital, Taipei City Hospital, Landseed International Hospital, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung Veterans General Hospital
  - (3) **Services:** Taiwan Shin Kong Security, Shin Kong Property Management, TradeVan
  - (4) **Food & Beverage:** Kinmen Kaoliang Liquor Inc., White House, Tingyi (Master Kong) Holding Corp., Uni-President Enterprises Corporation
  - (5) **Cosmetics:** Hsing Chan, An-Fang, Ya Chi, Tao Yi Enterprise, Morita Biochemical Products (Morita Doctor), Shiseido Taiwan
  - (6) **Biotechnology:** BIOTEQ Corporation, Mytrex Health Technologies
  - (7) **Construction & Real Estate:** Chang-Yi Construction
  - (8) **Semiconductors:** Gudeng Precision Industrial, Sciencetech Corporation, Topco Scientific, Shin-Etsu Handotai Taiwan
  - (9) **Financial Services:** Cathay Life Insurance, Taishin International Bank
  - (10) **Chemical Industry:** Air Liquide Far Eastern (ALFE), Eternal Materials, Merck Taiwan, San Fu Chemical
  - (11) **Electronics:** ATP Electronics Taiwan Inc., Askey Computer Corp.