

Resume

Name: Hassan
Last Name: Fallah



Qualifications:

BSc: Industrial Engineering, Iran University of Science and Technology, ۱۹۸۷

MSc: Industrial Engineering, Iran University of Science and Technology, ۱۹۸۷

PhD: Production Planning and Scheduling, Swinburne University of Technology, ۱۹۹۶

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Publications

- Ghassemi Tari, F. and Fallah, H., ۱۹۹۰, Minimizing the mean tardiness in a N/1 sequencing problem. *Journal of Engineering*, ۳, ۹۰-۹۶.
- Shayan, E. and Fallah, H., ۱۹۹۹, A new approach to finite scheduling. *International Journal of Production Research*, ۳۷, ۱۹۰۳-۱۹۱۵.
- Fallah, H. and Ziaee, M., ۲۰۰۱, Development of an efficient control system for construction projects of a residential complex. *Journal of Bavar*, ۱۵, ۲۵-۳۷.
- Fallah, H. and Shayan, E., ۲۰۰۲, Theoretical and experimental analysis of operation lead times based on the IMPOS approach. *Computers and Industrial Engineering*, ۴۲, ۱۰۷-۱۱۴.
- Fallah, H. and Shayan, E., ۲۰۰۲, Integrated Material Planning and Operations scheduling (IMPOS). *International Journal of Production Research*, ۴۰, ۴۲۸۵-۴۳۰۴.
- Fallah, H. and Shayan, E., ۱۹۹۵, A finite capacity planning and scheduling approach with improved lead time over MRP. *Proceedings of the 8th International Conference on Manufacturing Engineering*, November, Melbourne, Australia, pp. ۳۰۳-۳۱۰.
- Fallah, H. and Shayan, E., ۱۹۹۶, Evaluation of transportation time on production lead time based on the IMPOS approach. *Proceedings of the International Conference on Manufacturing Engineering*, Indonesia, pp. ۱۱۳-۱۱۹.
- Fallah, H. and Aliyari, S., ۲۰۰۲, The role of systematic view on employment issue and the need for development of a total information system and database. *The Conference on the Role of Information Technology on Employment*, February, Tehran, Iran.
- Fallah, H., ۲۰۰۲, Conducting and developing researches through a total information system and database aiming the employment issue. *The Second Conference of Research Methods in Science and Engineering*, February, Tehran, Iran.
- Fallah, H. and Aliyari, S., ۲۰۰۴, An effective approach for interaction between education and employment. *The National Conference on Job*, November, Tehran, Iran.

- Fallah, H., ۲۰۰۶, Economy Activity: A key concept for the employment and development. *The Conference of Industrial Engineering*, March, Tehran, Iran.
- Fallah, H. Automated consulting centers for investment, Not published.

Teaching experience

- Production Management Systems
- Systems Analysis and Design
- Material Management and Warehousing Systems
- Engineering Economy
- Professional English Language
- Computer Applications in Industrial Engineering

Computer software developments

- Production management system based on the IMPOS approach
- National database of economy activities (prototyping)
- Goods distribution system

Supervision of postgraduate theses

About ۱۵ MSc and BSc theses such as:

- Developing of an expert system for investment on economy activities
- Ranking economy activities based on employment criteria
- Enterprise architecture of an organization to support the national database of economy activities
- Designing an information cite for economy activities
- Development of a capacity measurement method for economy activities

Ongoing research projects and academic works

- Research on developing a national database of economy activities
- Enhancing the capabilities of the IMPOS based production management software
- Applying the IMPOS based production management software in the manufacturing companies

Note: The IMPOS based production management software has been installed in a manufacturing company and it is going to be improvrd for other capabilities such as:

- Linking the software to the stock (warehouse) subsystem which is designed by another software company
- Utilizing multi calendars for manufacturing resources and shops. The software supports now only one calendar for the whole company, but it is required that each resource or shop has its own calendar.
- Changing the software from one user to multi users with different interfaces
- Providing management reports such as the chart of planning and actual procurements of items (make/purchase) and the chart of the utilization statute of manufacturing resources
- Establishing a scientific society for economy activities development