



Mohsen Irani

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Education

- ✓ B.Sc, Mechanical Engineering,Sistan and Baluchestan University - 2012
- ✓ MS, Mechanical Engineering-Thermo Fluids,Sistan and Baluchestan University - 2015

Courses

- | | |
|--|---|
| 1. Industrial Drawing1 | 2. k |
| 3. basics of electrical engineering laboratory | 4. Engineering Mathematics |
| 5. Engineering Mathematics | 6. static |
| 7. Static and Strength Of Materials | 8. fundamental of electrical engineering |
| 9. Welding workshop | 10. Industrial Drawing and CAD |
| 11. machine tool workshop 1 | 12. Casting Workshop (melting and modeling) |
| 13. machine tool workshop 2 | 14. auto mechanic workshop |
| 15. probability theory and its application | 16. statistical quality control |
| 17. Computer Programming | 18. principles of marketing |

Journals Papers

2022

1. Two-Dimensional Numerical Study of the Effect of Nanoparticles on the Fusion and Freezing Process of Phase Change Materials Using a Computing Method

Mohsen Irani

International Journal on Recent and Innovation Trends in Computing and Communication Volume: (10) 328 - 334

2021

2. Enhanced properties of phase change material -SiO₂-graphene nanocomposite for developing structural-functional integrated cement for solar energy absorption and storage

Seyed Mostapha Musavi, Farahnaz Barahuie, Mohsen Irani, Ali Safamanesh,

RENEWABLE ENERGY Volume: (174) 918 - 927

3. A comparative study of the effect of phase change material (paraffin wax) on volumetric and surface direct solar steam generation

Mohsen Irani, Mohammad Mustafa Ghafurian, Mehdi Moghadas Khorasani, Roya Mehrkhah, Omid Mahian

Journal of the Taiwan Institute of Chemical Engineers Volume: (128) 253 - 260

Conferences Papers

2023

1. تاثیر تغییر قطر پوسته کمپرسور بر فرآیند انتقال حرارت جابجایی آزاد کمپرسور

ششمین همایش ملی فناوریهای نوین صنعت برق، کامپیوتر و مکانیک ایران

Mohsen Irani

2021

2. Experimental study of water treatment using wood membranes impregnated with zinc oxide nanoparticles

1st international conference 4th national conference on materials, Metallurgy mining

Mohsen Irani, mohammad mostapha ghafurian

3. The Impact of Off-road climbing on the Development and Future of the Lut Desert Tourism Industry Based on the S.W.O.T Model

2nd international conference on Lut desert and tourism

Mohsen Irani, Amir hossein Firouzi

4. Two-dimensional investigation of a trump wall containing phase change materials based on enthalpy method

3rd National Conference on Computational and Experimental Mechanics

Mohsen Irani

2020

5. A review on solar water desalination

5th National Conference on Mechanical and Aerospace Engineering

Mohsen Irani, Faramarz Sarhaddi

6. Fabrication, characterization of n-nonadecane-graphene-SiO₂ nanocomposite

5th National Conference on Mechanical and Aerospace Engineering

Mohsen Irani, seyed mostapha mosavi

7. Analysis of Factors Affecting Tourism Development in Chabahar Using SWOT Strategic Model (SWOT)

1st International Conference on Challenges and New Solutions in Industrial Engineering and Management and Accounting

Abolfazl Nikzadipanah, Mohsen Irani