

IAU 2018, Malaysia

**Higher Education
Partnerships for Societal
Impact**

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TARBIAT MODARES UNIVERSITY



Highlights:

- Founded in 1982, TMU is a prestigious exclusively postgraduate university. As such; faculty members are dedicated solely to postgraduate education and research.
- The best student-to-faculty ratio in the country.
- TMU covers all academic disciplines, which facilitates first class interdisciplinary research.
- As a postgraduate university, TMU offers M.A./M.Sc. Degrees in 183 academic programs and Ph.D. degrees in 143 programs.
- Presently TMU has 3,592 Ph.D. and 5,735 M.Sc. Students.
- Academic Staff: 319 Assistant Professors, 227 Associate Professors, and 201 Full Professors.



Alumni

M.Sc./ M.A.

Ph.D.

Total

27920

6156

34076

❖ TMU has 469 International Students & Alumni.

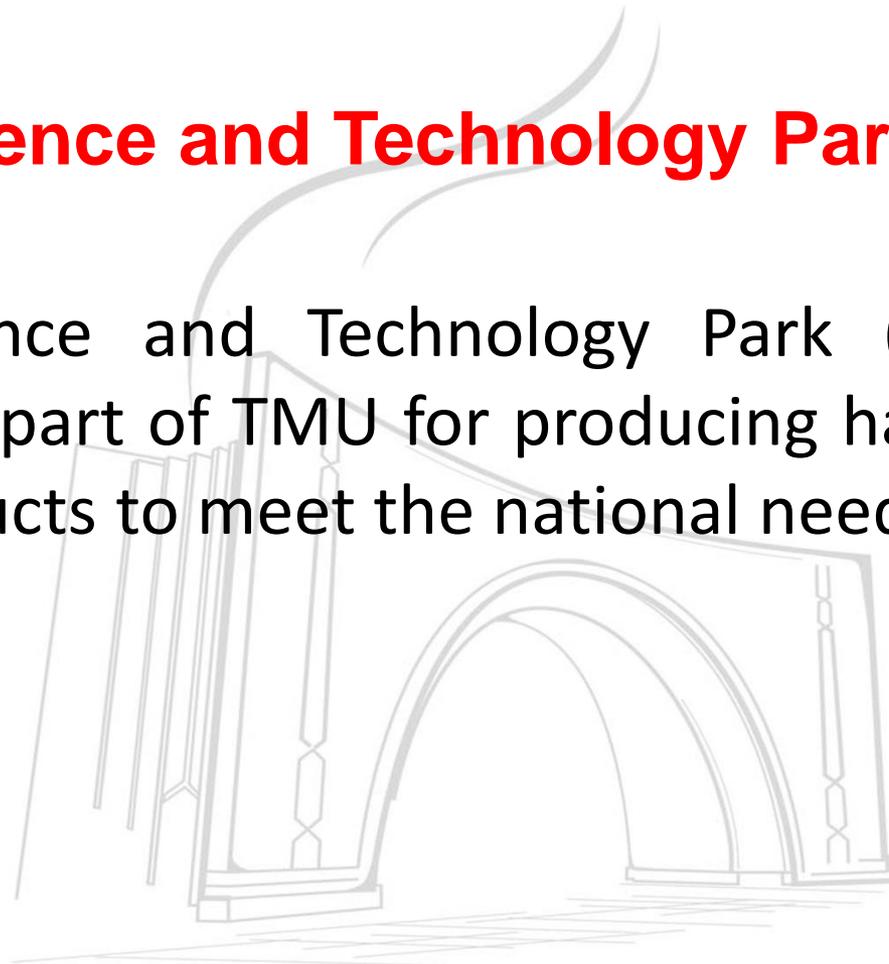


Our approach for **building partnership** with the private sector is to facilitate and provide space in our science and technology park (MSTP) for **developing and monetizing** new products and services that are **needed by the public**.



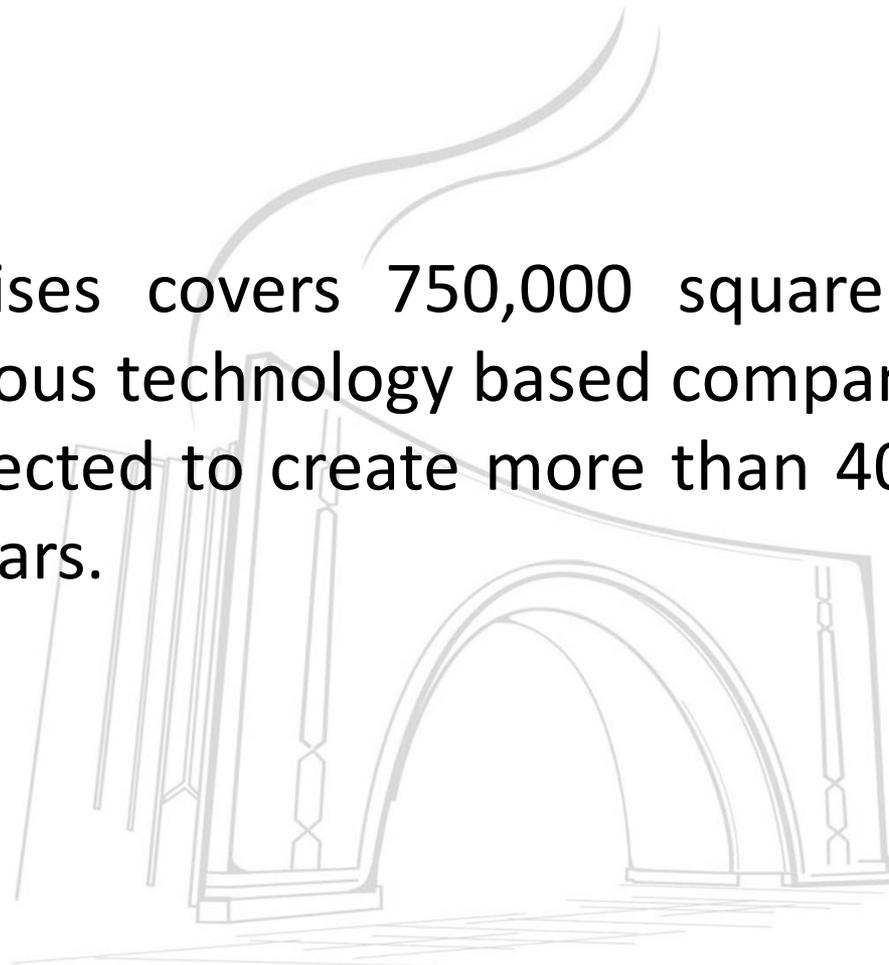
Modares Science and Technology Park (MSTP)

Modares Science and Technology Park (MSTP) was established as part of TMU for producing hardware and software products to meet the national needs.





- MSTP premises covers 750,000 square meters and hosts numerous technology based companies
- MSTP is expected to create more than 4000 high-tech jobs in 10-years.





www.Persisgen.com



- Established in 2015 (Faculty of Biological Sciences)
- Flagship Product: Voraxaze
- The drug is used for treatment of impaired kidney during chemotherapy.
- This drug is very expensive in international markets, and neither Iranian patients nor the insurance companies can afford the imported drug.

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Nahal Gostar Royan

www.nahalgostaran.com

- Established in 2013 (Faculty of Agriculture)
- Achieved a 4 times increase in producing tomato per unit area.
- No chemical fertilizers or any manipulation of genes.
- Honored as the exemplary Iranian entrepreneur in agriculture for 5 consecutive years.

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- Established in 2010 (Faculty of Medical Sciences)
- Produces the materials for purification in stem cells research.
- Previously, the materials had to be imported, and the quality was subject to degradation during shipping.

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Solduz-Shafa

- Established in 2013 (Faculty of Natural Resources)
- Produces various cosmetic products as well as dietary supplements.
- Only natural ingredients
- The company has recently raised 5 million USD to expand its production facilities.

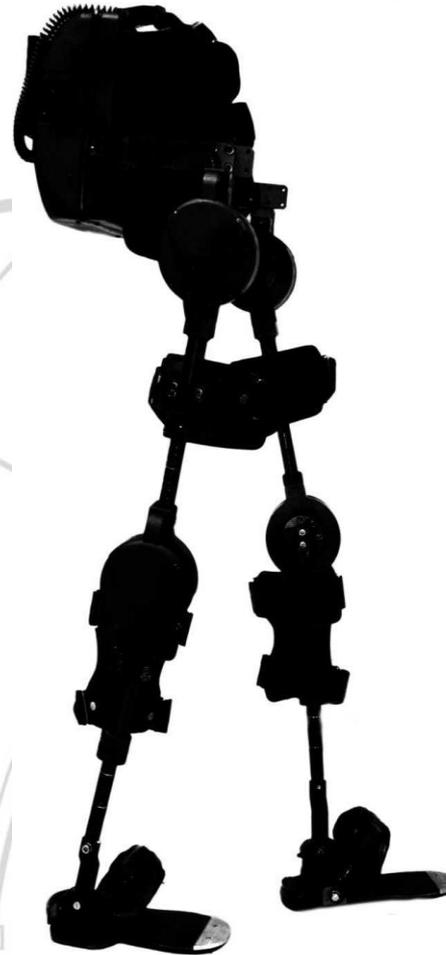
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Other notable achievements with societal impact:

- Walking-aid robot
- Skull tele-surgery robot





We thank IAU for choosing “Higher Education Partnerships for Societal Impact” as the theme for this year’s conference. This choice reflects the **foresight and forward-looking vision of the IAU board**. This choice is **timely** and reminds us that in the fast changing world of today, in which we face many challenges, the focus needs to be on **building partnerships to enhance our societal impact, as we cannot do it alone.**



We wish to float the idea that the **societal impact of universities and institutions of higher education be considered as an important element in their respective ranking.** This would encourage us to make every effort to enhance our societal impact.