



ایرانیان تاورز

# Iranian Towers Co. Profile

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IRANIANTOWERS



# IRANIAN TOWERS

After the third wave of industrial revolutions in the world known as the information age and the significant increase in communication and network relations in the virtual space, there are now more than seven million telecommunication masts exists as the main infrastructure of the fluid flow of information in the world, which is more than five Millions of them are being maintained and managed by companies called Tower Company. Now days, the presence of tower companies in a country can be considered as one of the indicators of development. Iranian Saze Towe Company (trade name **Iranian Towers**) is the largest and only active tower company in Iran, which has been active in this field since 2015, and by installing collocated towers with the ability to be operated jointly by the country's operators and beautifying them, it is a big step. In line with the upstream development plans of our beloved country, it provides the platform for providing telecommunication and internet services to the compatriots.



# IRANIAN TOWERS

Due to the increasing efforts of telecommunication operators to provide mobile phone and internet facilities, the need to provide infrastructure and install telecommunication towers has increased. In the absence of specialized companies in the tower industry, each operator's action to install and operate independent towers can increase the number of towers and has negative affect on the beauty of the city. Iranian Towers company is taking steps to preserve the beauty of the city and add modern aesthetic components to the cities by building and installing integrated towers with the ability to operate multiple operators and beautify them.



# IRANIAN TOWERS

## SHAREHOLDERS



The shareholders of Iranian Towers Company are the three main operators of the country, **MCI**, **Irancell** and **Rightel**. As an intermediary link with the municipalities, this company speeds up the interaction and cooperation of the operators in this direction and plays a role in reducing the public costs of the country.



# IRANIAN TOWERS

## 5G

Currently, Iranian Towers, looking to the future, seeks to acquire world- class knowledge in the field of 5G and especially its infrastructure facilities. The need to multiply the number of telecommunications stations and masts in order to effectively launch this technology in the country has led Iranian Towers to strive to gain a competitive advantage and be a strong actor in the future of the telecom market.



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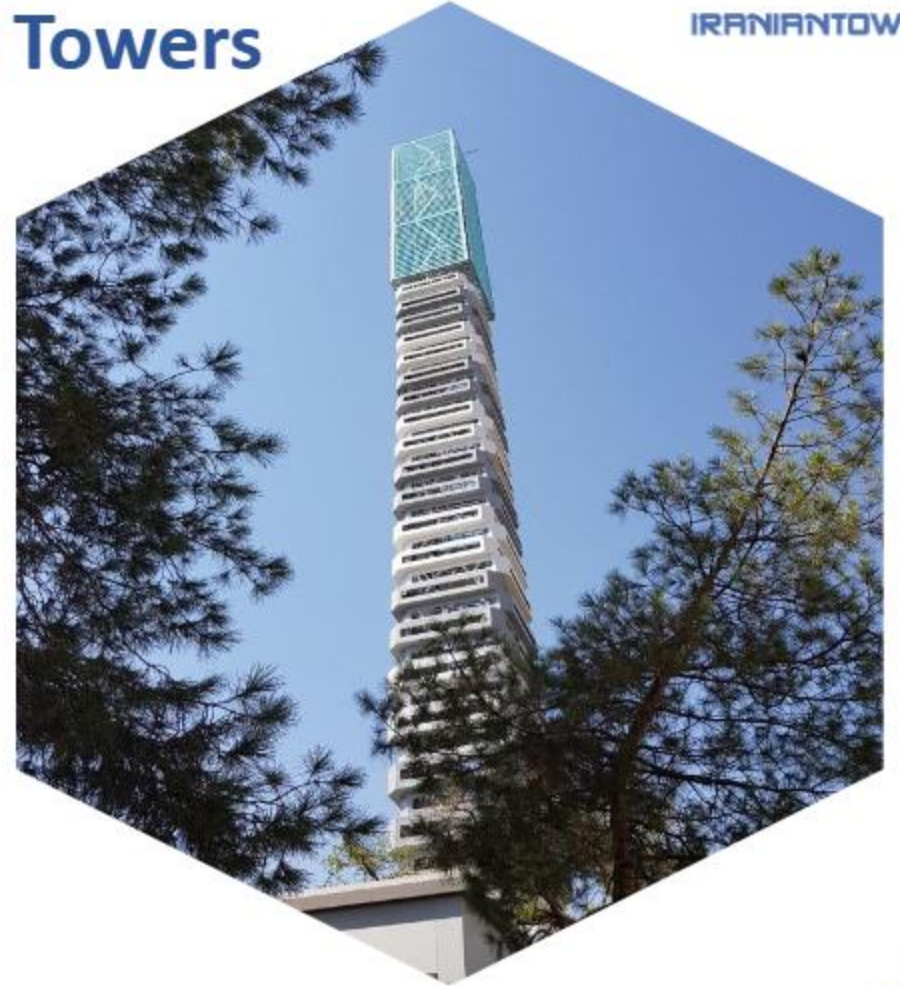
# IRANIAN TOWERS

## Beautification of Telecommunication Towers

One of the fields in which Iranian Towers has created added value is the beautification of telecommunication towers. In this context, efforts have been made to bring beautification ideas to the stage of design and implementation by considering the modern aesthetic aspects as well as the cultural components of the regions. The selection of the suitable beautification plan for implementation is done according to components such as the suitability of the beautification plan and installation space, customer request and budget. In case of necessary actions and the support of relevant authorities, the company's beautification projects will find customers in neighboring countries.



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# IRANIAN TOWERS

## Beautifying Telecommunication Sites

Iranian Towers is also trying to provide the above facilities as a tower company. In this regard, some of the above items are already in the company's list of services, and some others are in the planning stage and will be provided according to the operators' requests.

Iranian Towers has significant capacities in the field of beautifying telecommunication sites. The R&D department of this company in the field of beautification has the necessary technical and artistic ability to design requested suitable for the used space as well as the cultural and native characteristics of each region and country. Some beautification designs are presented in this catalog.



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## Features on Mobile Sites



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Tower companies are mainly known as infrastructure companies. In this sense, these companies are not only involved in the provision of mast and antenna installation for operators, but also in the provision of other infrastructure equipment. Currently, major tower companies are involved in providing the following features on mobile sites:

- ❖ Delivery of the tower to the operators to install the antenna and BTS
- ❖ Fiber optic supply and delivery to operators on site
- ❖ Supplying Power systems and providing them to operators
- ❖ Provision of monitoring systems and remote management of sites (RMS)
- ❖ Beautifying telecommunication sites in the direction of urban furniture design
- ❖ Providing and providing Open RAN systems



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## Current Projects & Capabilities of the Company



- ❖ Design and implementation of all kinds of beautified structures
- ❖ Implementation and integration of mobile sites on a turnkey basis (FTK)
- ❖ Maintenance of telecommunication sites (Passive & Active)
- ❖ Implementation of terrestrial and aerial optical fiber
- ❖ Design and implementation of data transmission networks (TRM)
- ❖ Vendor Optimization

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## Tower Xchange

Iranian Towers is a member of the international TowerXchange organization, which is a reference for tower companies in the world. Also, in a new step, this company has put the project of digitalization and smartening of mobile sites on the agenda, and by taking advantage of global experiences, it is looking for completely intelligent management of telecommunication sites.



# Sample of Beautified Macro Towers

## Billboard design



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Tower design with maximum beautification coverage to optimize urban advertising space

Designing a telecommunication tower as an urban element

Designing a telecommunication tower as an advertising billboard in the city





Design  
coloring

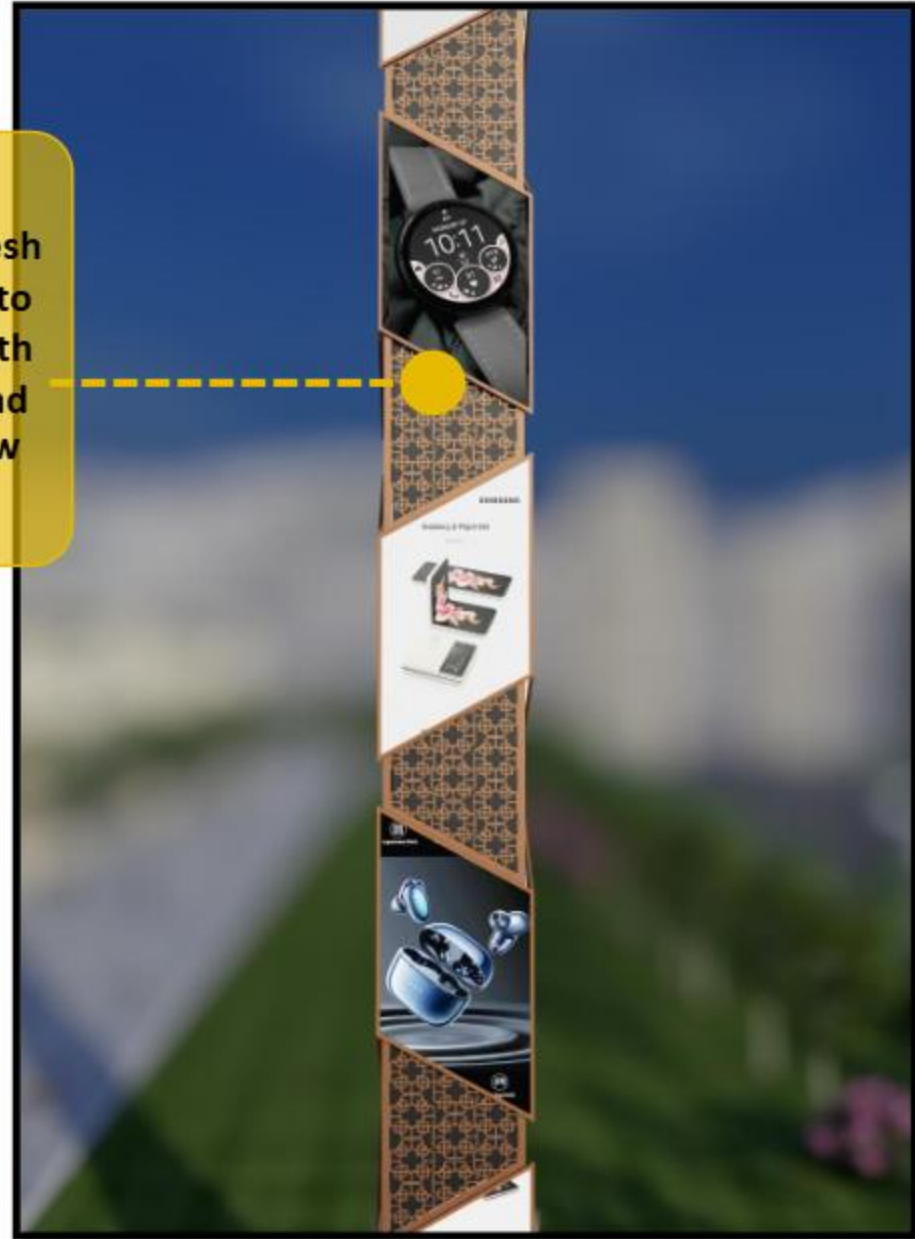
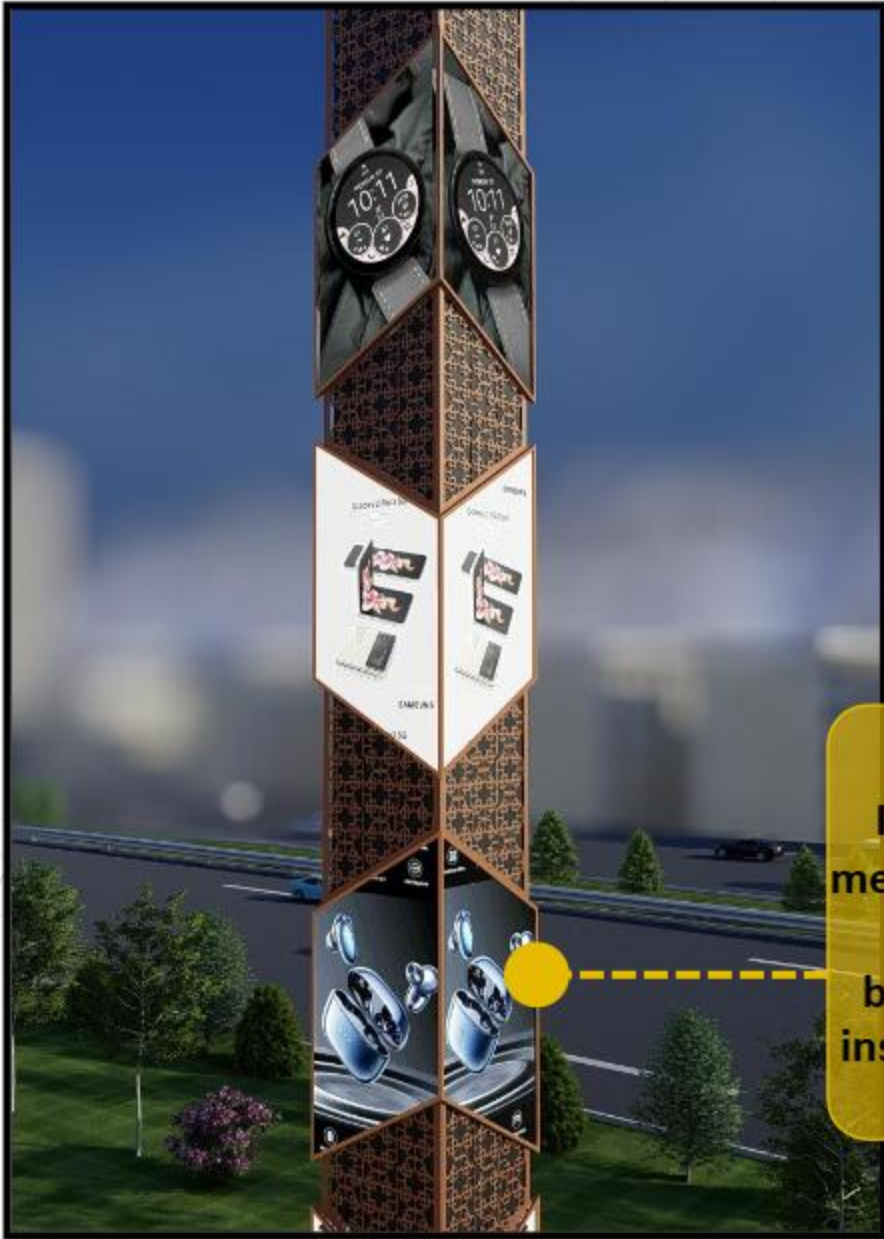


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## Design details

Slim mesh design to play with light and shadow

Painted metal frame for billboard installation



## Parametric design C

Tower design with maximum beautification cover

Covering the beautification of the upper part of the tower in line with the beautification design of the body

The use of Iranian Islamic patterns in design





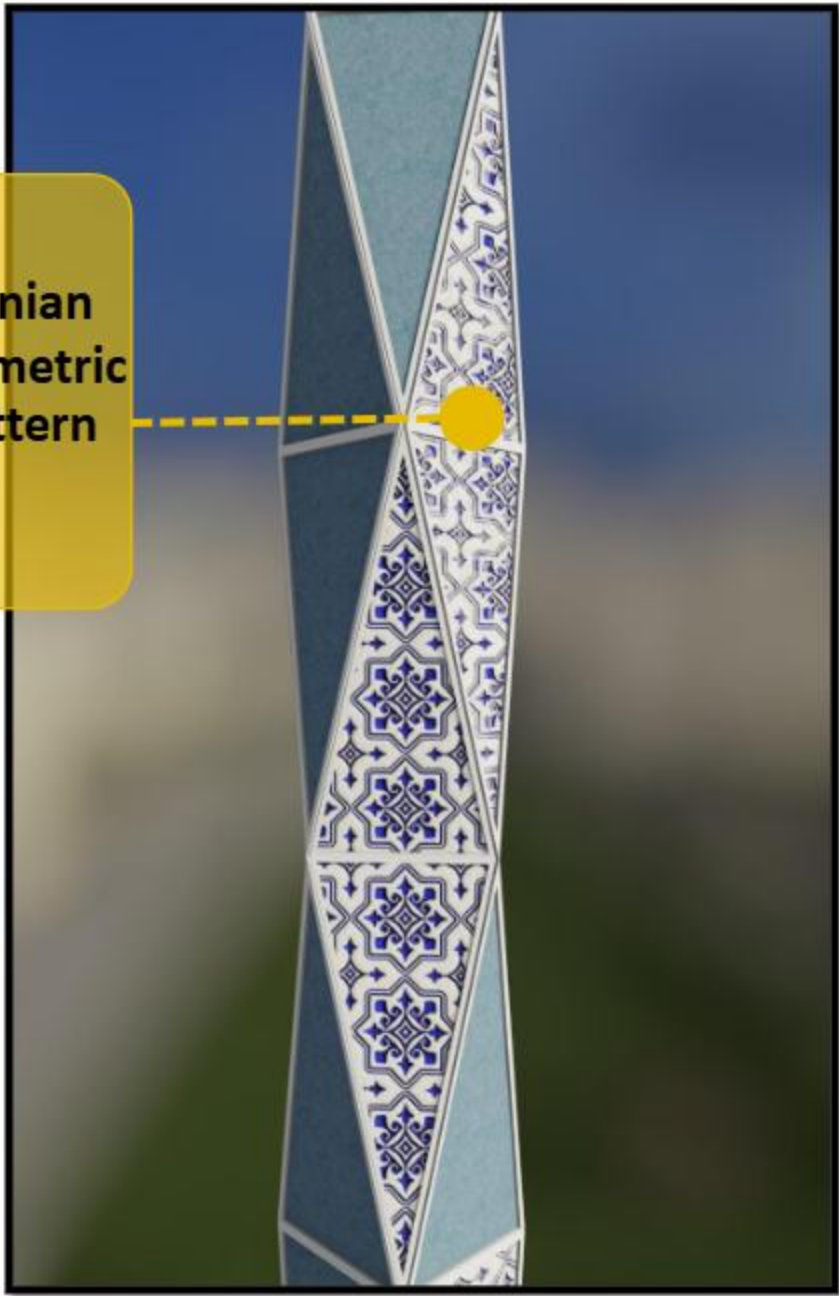
**Design  
coloring**





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## Design details



Iranian  
geometric  
pattern



Embossed  
metal  
sheet with  
slime  
designs

## Broken tile design



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Beautifying the telecommunication tower with broken tile elements

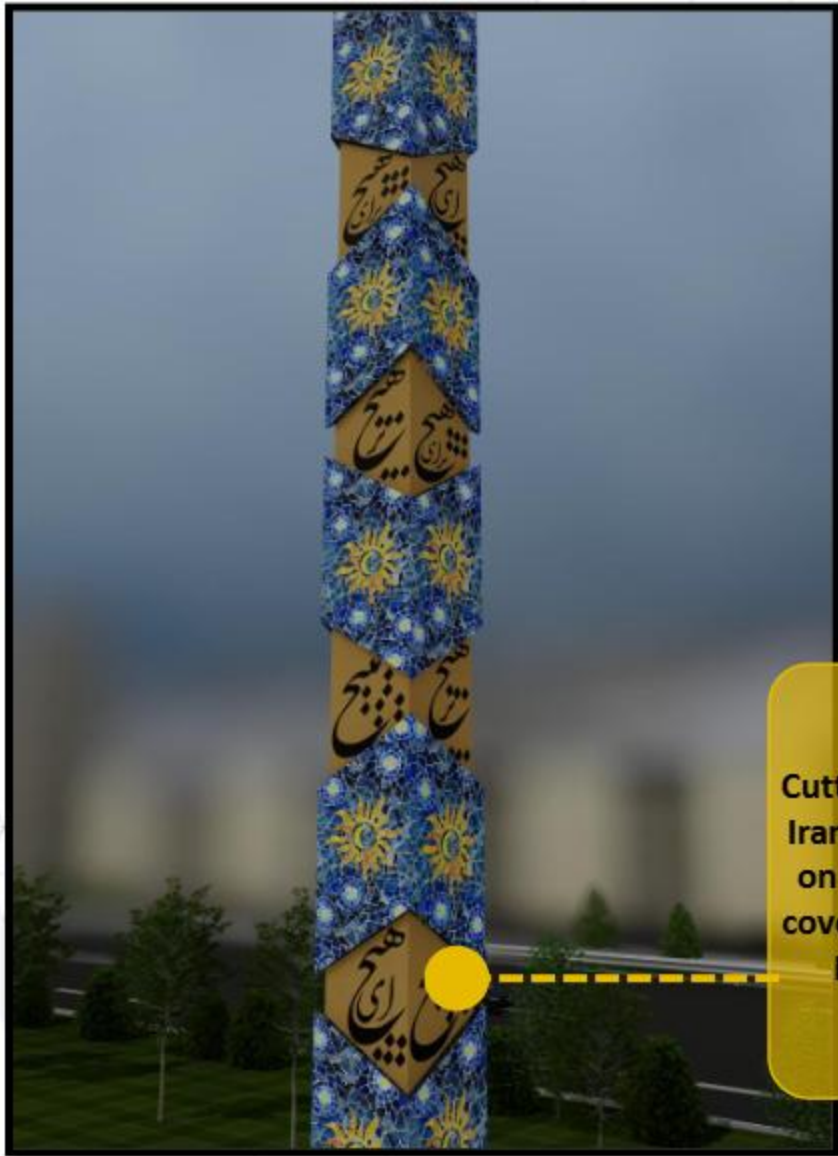
The study of climate, natural elements and artistic cultural history

Design based on the desired context



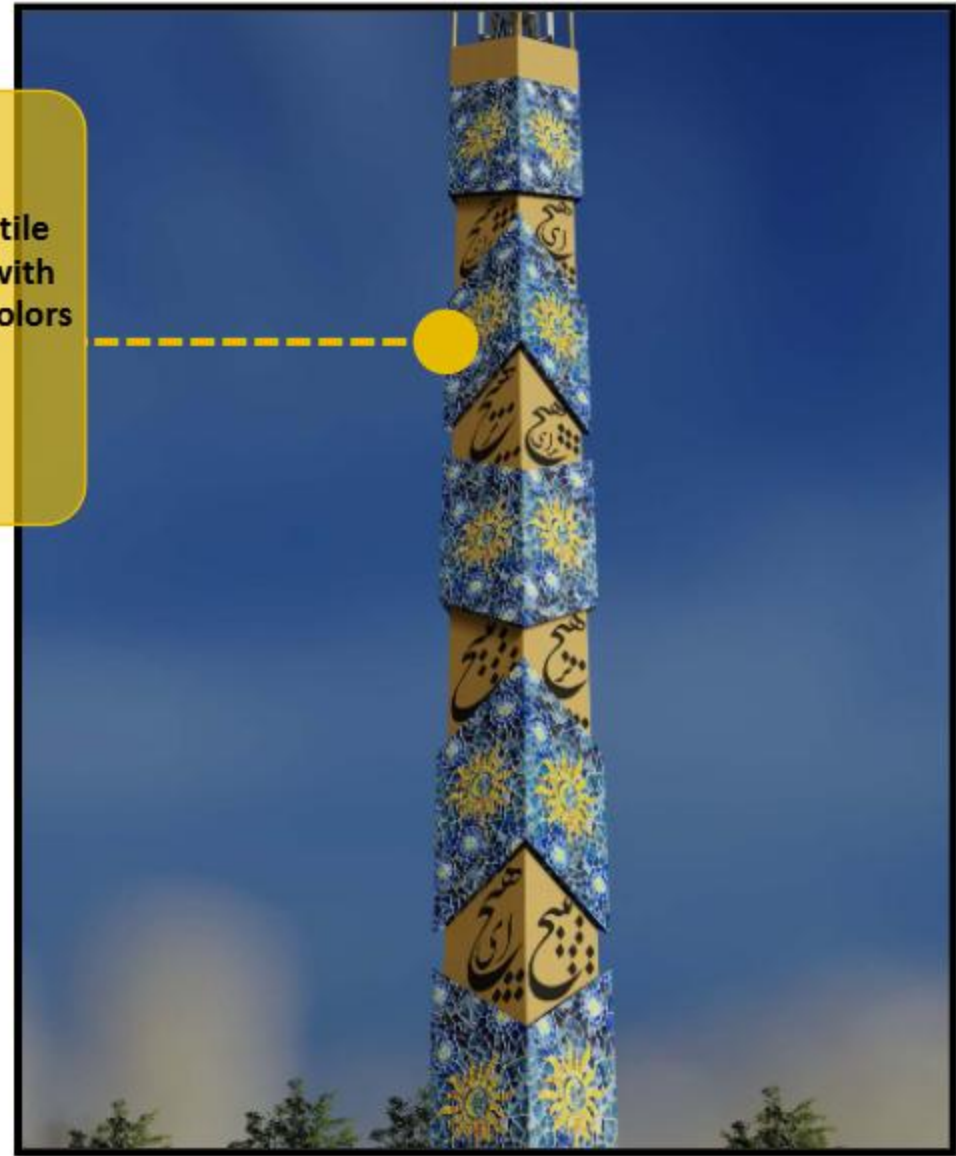


## Design details



Broken tile design with various colors

Cutting various Iranian poems on the tower cover to create porosity



## Slimy plan A



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Beautifying  
telecommunication towers  
as an urban element

Studying the climate,  
natural elements and  
history of the province

Design based on the  
desired context

# Cylinder design

First design



طرح استوانه



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First design

Cylinder design



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## Tree design



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## Flame design



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## Window design



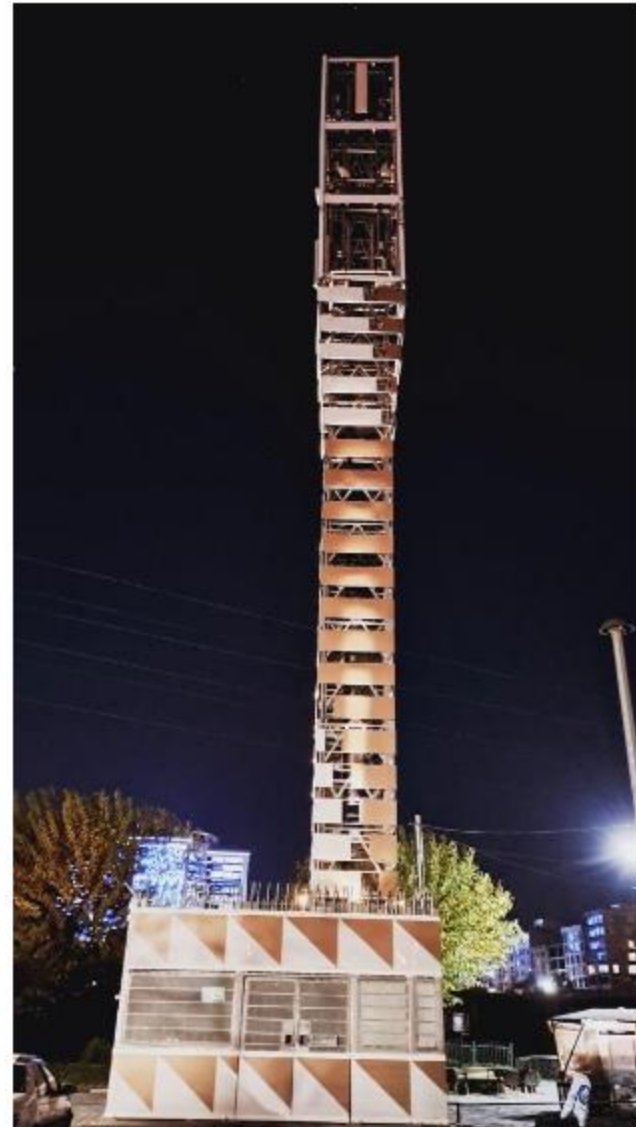
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# Shahriyar design



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# Sepehr design



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## Hive design



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# Arash design



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## Zohal design



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# Flight design



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## Leaf design



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## Waterfall design



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# Sample of Beautified Micro Towers

First design



Spring design

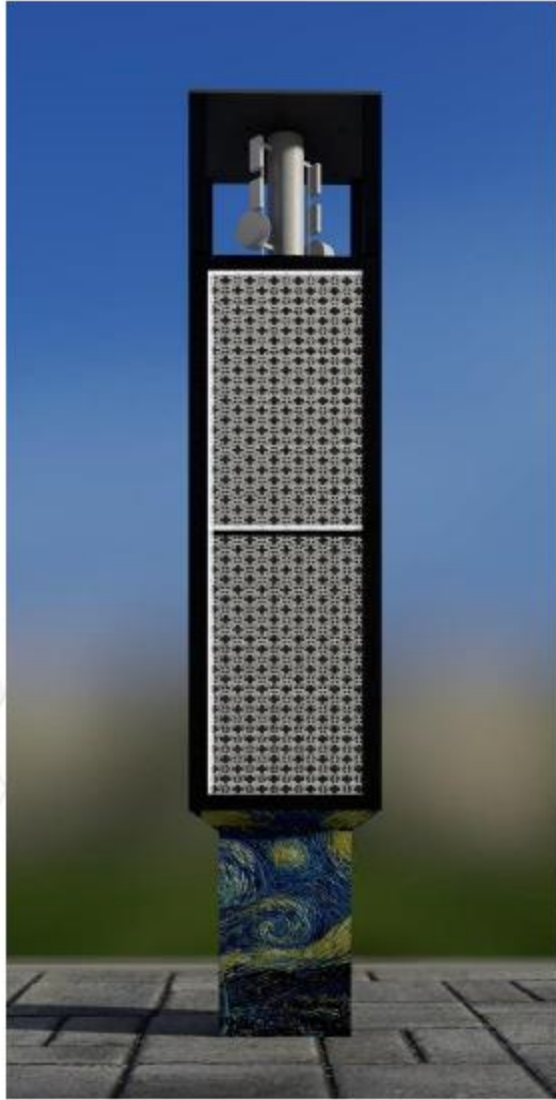


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# Night Sky design

First design



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First design



Creation design



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First design



Sun design



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First design



Termeh design



First design



Hut design



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First design



Turquoise design



First design



Wooden design



First design

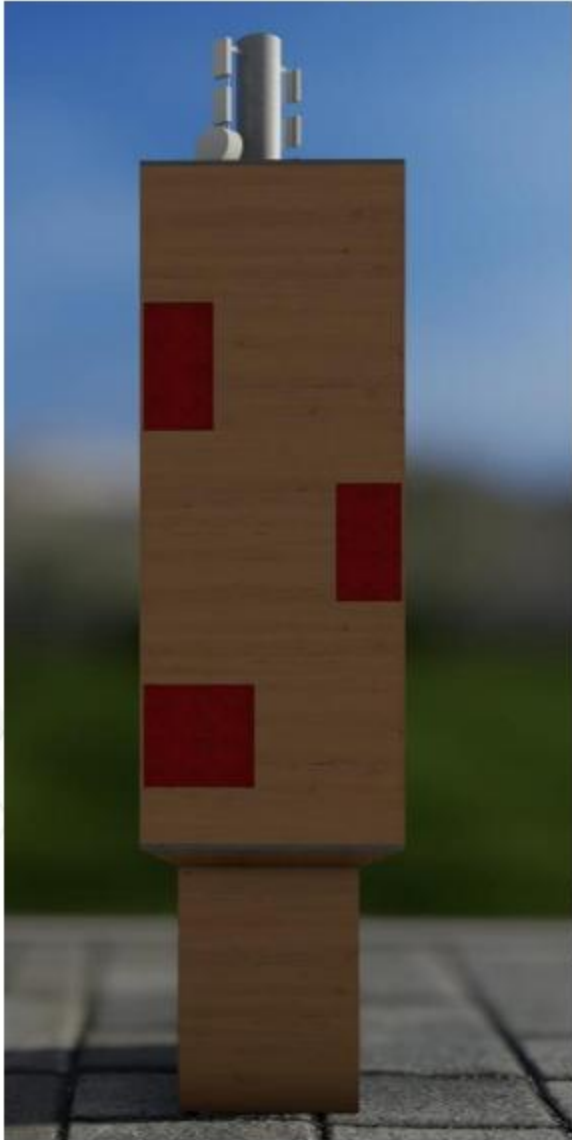


Islamic design



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First design



Golestan design





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**Thank You**