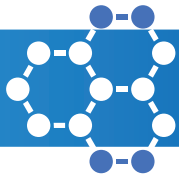




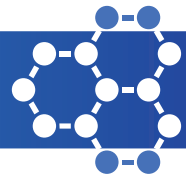


Nano Pars Spadana is specialized in manufacturing Nano-particles and Nano catalysts specifically for Refining, Petroleum, Food and Pharmaceutical Industries. The company is launched as a research project in 2007 with the aim of exploring the possibilities of domestic production of petrochemical catalysts, joining scholars from different fields. After 5 years the research group succeeded in patenting an alternative method of producing Nano particles. Since then, Nano Pars Spadana expanded its operations both as a producer of catalysts and provider of technical and productivity based solutions. The company is a sole manufacturer of significant number of catalysts including Hydrogenation, Dehydrogenation, Oxychlorination, Isomeration, Reduction Guards and Gauze for Iranian market.





We are Nano Pars Spadana

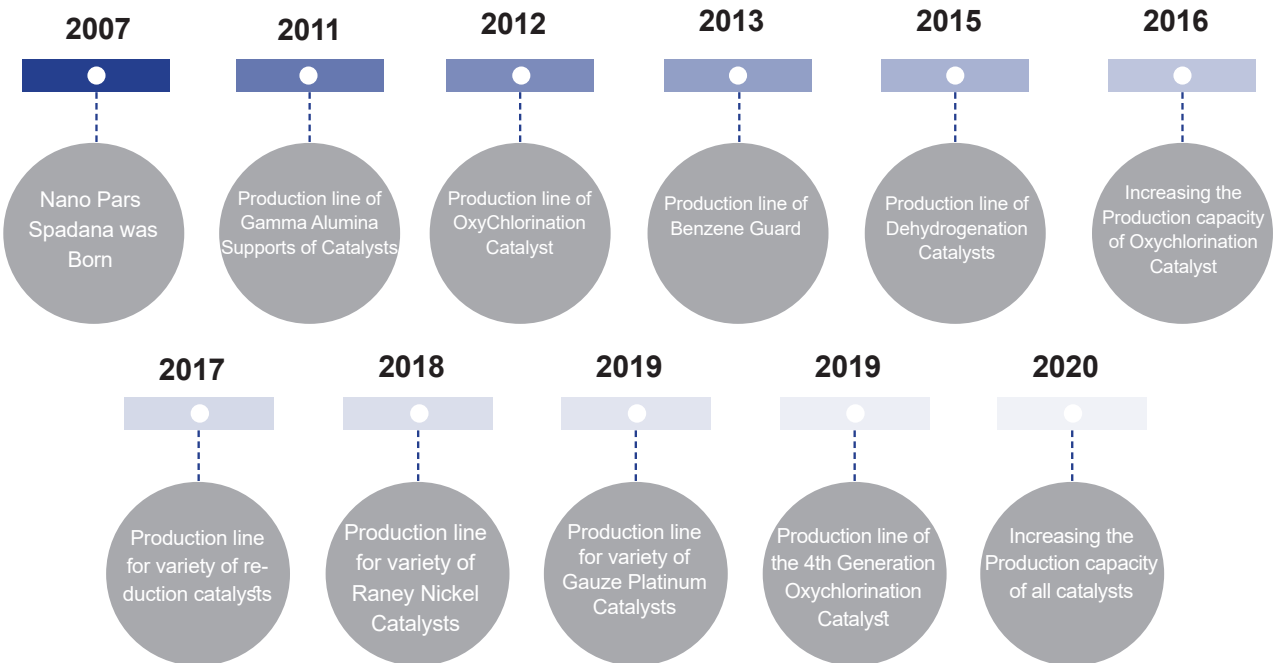
We Invent The Method



Creation of Technical Knowledge, Development and Manufacturing of Catalysts

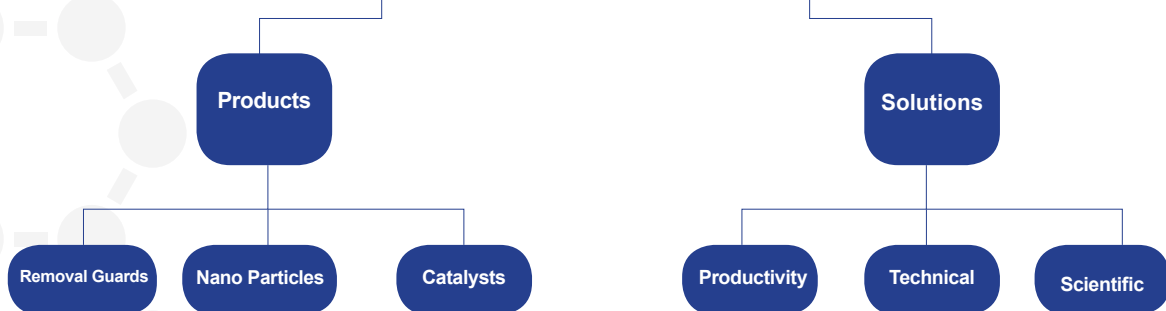
The Catalysts and Nano Particles of Nano Pars Spadana Company are being used in the following industries:

-  Crude Oil
-  Petrochemicals
-  Automobile
-  Defense
-  Pharmaceutical
-  Food
-  Nuclear



- Our **Mission** is to provide Sustainable Solutions
- Our **Vision** is to contribute to environmental awareness
- Our **Ambition** is to deliver the technical knowledge of catalysts to end users

Our Business Scope



Here at Nano Pars We Value Innovation, Research and Invention

Nano Pars Spadana launched as a research project in 2007 with the aim of exploring alternative methods of producing catalysts. Our research group succeeded in patenting SHOJ: an innovative method of producing Nano particles.

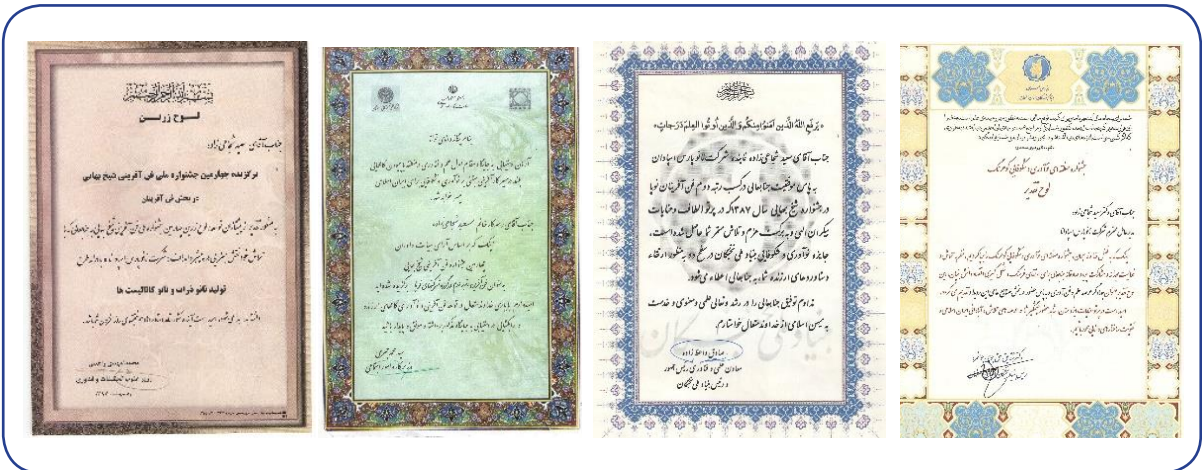
The main advantage of SHOJ Method is the ability to control many interesting parameters such as speed, direction and time of process as well as size and type of crystal, required phase and homogeneity.

Another interesting fact about our unique method is the possibility to manufacture a wide range of catalysts. More than two thirds of metals in Mendeleev periodic table and about 60 % of metal oxides could be produced using SHOJ method.

Our Patents for SHOJ method



Our awards in Innovation Festivals for SHOJ method



we are proud to have key petrochemical companies in Iran among our clients

We look at each client's problem as a unique journey; from studying their process specific issues to coming up with innovative solutions. we always make sure that our products meet the specific requirements of our clients.

We are proud to receive numerous positive feedbacks from our clients which makes us confident in our path toward shaping a sustainable future.



We provide technical and productivity based solutions

Whether you are in Petrochemicals and Refinery or Food and pharmaceutical Industry we can offer solutions for your specific needs. The general areas of our activities are :

- Purifying chemical products:
- Manufacturing Nano particles to prevent corrosion in chemical industrial equipment
- Designing and implementing pilots plants
- Designing and implementing chemical processes and manufacturing chemicals for specific industries

Some of Our Past Projects



List of Our Products

Catalysts

Hydrogenation Catalysts

Hydrocracking

Hydrodesulfurization(HDS)

Acetylene Hydrogenation

Raney Nickel

Olefin to Paraffin

Dehydrogenation catalysts

Alkane Dehydrogenation

Methyl-Ethyl-Ketone Dehydrogenation

Oxychlorination Catalysts

OxyPars series for Fluidized Bed

OxyPars series for Fixed Bed

Gauze Catalyst

Industrial Grade

Food Grade

Pharmaceutical Grade

Reduction catalysts

Isomerization Catalysts

Removal Guards

Benzene Chlorination

Sulfur Guard

Nano-Particles

Gamma Alumina Supports of Catalysts

Nano Alpha Alumina supports of Catalysts

Nano Zinc Oxide

Nano Copper Oxide

Nano Iron Oxide

Customized Catalysts & Particles

