



## Master of Art in Industrial Design



**DANESHPAJOOHAN PISHRO HIGHER EDUCATION INSTITUTE**

- **COURSE CHART**
- **SYLLABUS**
- **SEMESTER CHART**

## Industrial Design Courses

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017001	Industrial Design and Human	2	1	1	-----	-----
3017002	Analysis and Review of Industrial Design Works	2	2	0	-----	-----
3017003	Introduction to New Sciences	1	1	0	-----	-----
3017004	Introduction to Industrial Design in World Today	2	2	0	-----	-----
3017005	Analytical Geometry	2	2	0	-----	-----
3017006	Design through Computer -I	1	0	1	-----	-----
3017007	Design through Computer -II	1	0	1	-----	-----
3017008	Techniques and Methods of Production in Today's Industry	2	2	0	-----	-----
3017009	Research Method	2	1	1	-----	-----
3017010	Traditional Design and Making of Objects	2	2	0	-----	-----
3017011	Industrial Design Project-I	3	0	3	-----	-----
3017012	Industrial Design Project-II	3	0	3	-----	-----
3017013	Industrial Design Project-III	3	0	3	-----	-----
3017014	Final Project (Thesis)	6	0	6	3 semesters	-----
<b>Total Credits</b>		32				
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## Industrial Design and Human

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017001	Industrial Design and Human	2	1	1	-----	----

This course looks at the relation between industrial design and a human being individually and human being in society

## Analysis and Review of Industrial Design Creations

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017002	Analysis and Review of Industrial Design Creations	2	2	0	-----	----

Looking at the main artistic and industrial characteristics of created works in the field of industrial design.

## Introduction to New Sciences

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017003	Introduction to New Sciences	1	1	0	-----	----

- The goal of this course, as the title suggests is to introduce students to the new sciences in today's world
- This course will be provided as various seminars, and at the end, the students should give a presentation about a short research assignment.

## Introduction to Industrial Design in World Today

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017004	Introduction to Industrial Design in World Today	2	2	0	-----	----

Main objectives of the course:

- Introduction to the mindsets, thoughts, ideology and perspectives in the fields of industrial design.
- This course is all about the pioneering designer's perspectives and their effects on art works and accomplishments due to the cultural identities, economic and social issues.
- In this course you will also get to be presented with successful examples.

## Analytical Geometry

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017005	Analytical Geometry	2	2	0	----	----

Analytical explanation of geometrical issues; Parametric equations, Spatial geometry, Polar coordinates, Algebra of curves, Conic sections

## Design through Computer -I

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017006	Design through Computer -I	1	0	1	----	----

In this course students will be introduced to the scientific basics of computer graphics and utilization of related software.

## Design through Computer -II

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017007	Design through Computer -II	1	0	1	----	----

Identifying and employment of CAD-related software packages with the focus on drawing aspects.

## Techniques and Methods of Production in Today's Industry

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017008	Techniques and Methods of Production in Today's Industry	2	2	0	----	----

Main objectives of the course:

Gaining an introductory knowledge about techniques and methods of advanced production

- Students will be introduced to the latest achievements in technology at different Industrial fields, and how to employ such knowledge in different methods of production.
- The subjects discussed above will be provided through research, visits and seminars

## Research Method

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017009	Research Method	2	1	1	----	—

The main objectives of the course:

- Introducing students with research methods
- The practical part of this course will revolve around industrial design issues.

## Traditional Design and Making of Objects

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017010	Traditional Design and Making of Objects	2	2	0	—	—

Main objectives of the course:

- Introduction to the concepts of design and the traditional process of making an object
- Introducing students with quality concepts in traditional making of an object. For the sake of using cognitive concepts in different stages of creating traditional works, students will also be introduced to tools, place, industrialist, and the finalized creation itself.

## Industrial Design project -I

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017011	Industrial Design project-I	3	0	3	—	—

- Creating the possibility for searching and professional perspectives so that students could use them for future professional perspectives

## Industrial Design project -II

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017012	Industrial Design project-II	3	0	3	—	—

-In this course students will continue their work on the project-I of choice, considering today's technology, achieving the best possible solutions in the field of industrial design, based on the modern theories, thoughts and concepts

## Industrial Design project -III

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017013	Industrial Design project-III	3	0	3	—	—

Adjusting the chosen design of project-II to fit the production means of the country's industry.

## Final Project (Thesis)

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Simultaneous
3017014	Final Project (Thesis)	6	0	6	3 Semesters	—

Implementing advanced technology that takes into consideration the possibilities and works for the development of country's industry

