

Guest / Visiting Faculty of Industrial Design

Sr. No.	Course Name	Abstract (1 sentence about the requirement)	Guest Faculty required for no. of days	Dates for which the faculty is required
1	Product Drawing - I	The aim of the course is to understand essential skills and knowledge of product representation in order to visualize ideas, concepts and final representations of any product.	3 (online)	10 Aug - 12 Aug (Online)
2	Introduction to photography	The aim is to introduce to photography, it's Historical perspective, introduction to camera, exposure, Photographic techniques and types, Principles of composition, use of various tools and techniques in photography, indoor and outdoor photography.	10	30th Aug-12 Sept (offline)
3	Design Seminar	The aim is to give the students an exposure read, write, articulate and present their views using creative tools/ modes of expressions. They will be asked to delve deeper into current socio-cultural issues, relate and bring their perspective for debate and discussion.	5 (Online)	17th, 18th, 26th August 2022 and 13th, 14th September 2022
4	Materials & Manufacturing Processes - 1	Industrial designers require an in-depth understanding of materials, its properties, manufacturing process and new technologies in order to infer some materials are preferable or more appropriate than the others in a given situation or context.	10	7th Oct- 20th Oct (offline)
5	Creativity and Ideation	The course aims to provide a methodological approach to learn creative thinking and ideation process and methods. This course will impart practise based learning to enhance creative thinking skills that include divergent, convergent and alternate thinking.	10	20th Oct- 7th Nov (offline)
6	Nature & Design	The course involves study of nature's phenomenon and emulates them in design thinking, process and action. Students will learn to study the physical characteristics, form, function, behavior and strategy of natural beings and reflect the understanding in making connections with design explorations.	10	9th Nov - 22 Nov (offline)
7	Sustainable design	The aim of the course is to teach the 3 Rs (Reduce, Reuse and recycle) and meet the green and healthy standards in many aspects in designing products and objects and prevent the environmental destruction and resource waste, such as product materials, functions, technology, quality.	2	27 July, 28 July (online)

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8	Design Research Methods	Students will be introduced to design research methods and tools of data collection and analysis both qualitative and quantitative in nature. During the course they will apply any one/ combination of research methods and tools to study a design problem to imbibe the learning of the course.	10	17th Aug- 31st Aug (offline)
9	Cognitive Ergonomics	The aim of this course is to introduce the students to the principles of cognitive ergonomics, concept of Man-Machine interfaces, types of interfaces and how human factors and understanding is an important element while designing them.	5	1 sept- 5 sept (online) 13th - 14th sep (online)
10	Product semantics	To develop an understanding of product communication in social & cultural context, to enable the student to develop a design sense to design an artifact that communicates its meaning to the user.	10	29th Sep- 13th Oct (offline)
11	Design Project 2 - Furniture Design/Product Design	The aim of the project is to teach integrative application of the basic design fundamentals, design thinking and methodology to address design opportunities in the area of Furniture Design and design a furniture of sufficient technical complexity involving a mechanisms or other technical components is required in to simulate the actual design activity in real world in terms of form, function leading to detailed concepts, prototypes and their partial or substantial validation.	12	10 Nov - 22 Nov (offline)
12	Interactive Design	The aim of the course is to teach how applications drive new sensor-based product development and design and create interactive objects based on basic electronics and Arduino programming.	10	22nd Aug, 25 Aug, 27 aug, 29 aug (offline) 1st sept, 3rd sept, 4th sept, 5th sept, 8th, 9th Sep (offline)
13	Design Management	The course is focused on learning skills for building an enterprise from the starting point of the business model canvas. This will include building financial models, building teams for the start-up, getting early ready for the start-up, pricing the products, identifying market sizes and legal aspects of starting up.	10	12th Sep - 23rd Sep (offline)
14	Design For Special Needs	The aim of the course is to teach to understand what are the most common barriers, and conflict situations that people with special needs meet and come up with good practices, environment, product or concepts for creating useful and interactive experiences for the people with special needs.	13	26th Sept - 30 Sept (online) 7th Oct, 14 Oct, 21st Oct (online) 27th Oct - 2nd Nov (offline)
15	Design Project-5 System Design	To introduce learners to the systems design approach to make them understand the problem situation as a system of interconnected, interdependent and interacting problems.	15	3rd Nov - 11th Nov (Online) 17th Nov, 24th Nov, 2nd Dec (Online) 9th Dec - 15th Dec (Offline)

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