

Course Code UOE013	Course Title ORIGAMI (Open Elective School of Design)
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L	S	P	Credits	Evaluation Scheme			
				Component	Exam	WT (%)	Mini. Passing %
-	2	-	2	Studio	FA	100	40%
					SA (POE)	--	

Course Description:

Origami is a hands-on art form that offers unlimited possibilities for creativity. You will learn every basic folding technique then be guided through the creation of unique origami. Course covers the different types of paper you can use to fold the origami. Also, briefs basic folding techniques that are fundamental for all types of origami.

Course Learning Outcome(s)

At the end of this course students will able to demonstrate following industry-oriented CLO's:

CLO1	To work with paper using various folding techniques.
CLO2	Ability to make models keeping physical and geometric properties of paper and folding.
CLO3	Ability to work with fractals and tessellations

UNIT	DESCRIPTION	HOURS
I	History of origami Physical and geometric properties of paper and folding	6
II	Basic Concepts like dividing the paper, Linear Divisions, Rotational Divisions Grid divisions	8
III	Symmetrical Repeats: Translation, Reflection, Rotation and Glide Reflection, Stretch and Skew, Polygons	8
IV	Basic Pleats: Accordion Pleats, Knife Pleats, Box Pleats, Incremental Pleats, Spiral ,Gathered & twisted Pleats	8
# Mode:	<i>Sessional Internal and End Semester Jury Exam</i>	
	Minimum one assignment based upon all units.	
	Total engagement hours:	30

Assessment	Weight (%)	Intended course learning outcomes to be assessed (Please tick as appropriate)				
		CLO1	CLO2	CLO3	CLO4	CLO5



Formative Assessment (L T P)	100%	✓	✓	✓	✓	✓
Summative Assessment	--	--	--	-	--	--

Suggestive Formative Assessment Tools/Methods (Minimum 3 and Max. 5 tools)						
Formative Assessment Tools/Methods (L T P)	Weight (%)	Course Learning Outcomes to be assessed (Please tick as appropriate)				
		CLO1	CLO2	CLO3		
Assessment 1 – Origami fundamental models	100%	✓	✓	✓		
Assessment 2 – Origami geometric models			✓	✓		
Assessment 3 – Origami advanced models				✓		
Summative Assessment - POE	--	--	--	--	--	--
Total	100%					

References:

1. Paul Jackson; Folding Techniques for Designers from Sheet to Form, Laurence King Publishing, 2011
2. Robert J. Lang; Origami Design Secrets: Mathematical Methods for an Ancient Art, 2003