Course Code	DES2xx/DES5xx			
Course Name	DESIGN PROCESSES AND PERSPECTIVES			
Credits	DESIGN PROCESSES AND PERSPECTIVES			
	140			
Course Offered to	UG			
Course Description	This course introduces students to the theoretical and practical aspects of design evolving processes. The course presents the varied palette of design from design of physical objects, to design of human-computer interactions, to design of services, to design of services, to design of micro systems and connected/complex systems. It offers tasks that initiate the process of learning fundamental skills such as observation & representation, investigation, analyisation, synthesisation, conceptualization, reflections, projection, visualization & representation.  Topics such as Design Processes, Design Perspectives, Design Context & Concerns, Problem Solving Methods, Idea Generation, User-Focused Thinking and Basic Communication are covered during the course. It also introduces students to various stages of problem solving process from problem identification to investigation and analysis of needs as well as tools and techniques used for generation, iteration, evolution and communication of ideas and design concepts.  This course helps sensitize students to study the social, cultural and physical environment in which his/her design has to operate, so that the design has a meaning or relevance to the people concerned.  Broadly, the course gives students the opportunity to develop essential design thinking skills such as exploring the designed space to identify problem, applying the design thinking process to problems, visualizing design solutions, refining final designs and communicating ideas in visually appropriate form through assignments and projects.			
		Pre-requisites		
Pre-requisite (Mandatory)	Pre-requisite (Desirable)	Pre-requisite (Other)		
· · · · · · · · · · · · · · · · · · ·	Ability to Sketch	i re requisite (outel)		
	Ability to Interact with People			
Completion of DESIGN DRAWING & VISUALISATION (DDV) Course	Ability to Communicate			
Parallel Course VISUAL DESIGN & COMMUNICATION	Abilty to Work Beyond Expected Requirements	Working Knowledge of Softwares like Adobe Photoshop, Illustrator Balsmig, Sketch	netc with easy access to a computer.	
*Please insert more rows if required	The state of the s	]		
T ISSUE WOOT THOSE TO THE WYONG TO	Post Cond	litions*(For suggestions on verbs please refer the second sheet)		
CO1	CO2		CO4	cos
	102	100	CO4	100
Develop the ability to identify, reflect, analyze and evaluate an issue or problem, keeping subjective views of all stakeholders in mind, in order to develop insights, which can help develop well defined problem statement.  Week Number	Develop the ability to empathise with the 'other' while developing the ability to reflect critically on the designer 'self' that developing the ability to create scenarios and initiate, express and communicate concepts.  Lecture Topic  I. INTRODUCTION TO PROBLEM SOLVING PROCESS  1a. Factors influencing Design.  1b. Brief/Opportunity/Need/Leap of Faith'  1c. Research/ Investigation  1d. Analysis/Synthess/Findings/Insights  1e. Problem Statement  1f. Conceptualisation/Ideation/ Visualization  1g. Options & Alternatives  1h. Final Solution, Implementation/execution,  1l. Evaluation/Validation/ Testing  1j. Improve/Modify/Amend/Revise  Z ANALYSIS OF A SIMPLE PROBLEM IN A GIVEN CONTEXT  2a. Mind Maps,  2b. Affinity Mappings,	Develop the ability to select methodologies and develop processes in problem sol     Weekly Lecture Plan  COS Met  CO1	Assignment/Labs/Tutorial  1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR A Assignments:  1. Identify a Micro/Simple Problem from the local environment or public human interaction, experiences, activities, issues of concern etc.	: space which can include product, space, communication, system, services, 's understanding and identifying problems through maps, sketches, illustration,
	2c. Empathy Mapping 2d. User Story Mapping 2e. Semiotic Analysis (Syntax-Semantic-Pragmatic) 2f. Observations, Insights and Opportunities 2g. Soft prototyping the Idea/Concept 2h. Documentation, report making and presentations			

2	3. DESIGN PERSPECTIVES: CONTEXT & CONCERNS 3a. Understanding and defining 'Context' – Exposure to different perspectives, concerns and issues in the context of design. 3b. Understanding and defining 'Concerns' – Fundamental yet subjective questions like what makes a good designer. Areas of concerns: social concerns, economic concerns, political concerns, environmental concerns etc. (Sie) 3c. Tangible and intangible relevance of broadening one's perspectives in Arts Aesthetics, Science and Technology in Design. 3d. The Challenges in Design - Designing for the Real World 3e. Emerging Areas of Design, 3f. Relevance of Design in the Context of India. 3g. Importance of Sustainable Design Practices - Preserving traditional practices & designing for the underserved communities. 3h. Wicked Problems.	C01	3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES Assignments: 3a. Five Personal Problems (ask the self) 3b. Five Problems from 5 Peoples. 5. Five Problems from 5 Peoples. 6. Five Problems from the Newspaper 3d. Five City Level Problems 3e. Five Problems from the Planetary Crisis 3f. Mapping of the 4/5 Ws & an H to one in each of the above categories. 3g. Create an Exhaustive Mapping of the Stakeholders in the Problem Area Identified 3h. Describe "Wicked Problems" and illustrate with examples 3l. Write short essays on the following: a) Your Definition and Interpretation of 'Context' b) Your Understanding and Articulation of 'Context' b) Your Understanding and Articulation of 'Context' c) Meaning and Significance of Inclusive Design Practices
3	4. THE NOTION OF THE DESIGNER 'SELF' AND THE 'OTHER/USER'  4a. The Hierarchy of the 'Other'  5. PROBLEM STATEMENT  5a. Framing the Problem with Rreference to Context;  5b. Framing Research Questions  5c. Framing the Design Process : Identifying Methodologies and Strategies related to the different stages of Problem Solving Process  6. CREATIVE DESIGN THINKING METHODS  Introduction to various Techniques/Tools for Ideation: 6a. Brain Storming, 6b. Browsing, 6c. Cword Association, 6d. Attribute Listing, 6e. Mind Mapping, 6g. Card Sorting, 6h. 3 W & H, 6i. SCAMPER, 6j. SWOT Analysis.	C04, C02	4. DESIGNER SELF AND THE OTHER Assignments:  4. Create an Exhaustive Mapping of the Stakeholders in the Problem Area Identified – 'Extrospection' of 'Other/User' in the Community, Society and Environment  5. SCOPING A PROBLEM Assignments:  1. Identifying areas for potential design solutions and choose one – PROBLEM X  11. Research, Data Collection and Analysis of Findings 111. Redefining or Reinterpreting the Design Problem taking into account the analysis and synthesis of the relevant information collected.  6. EXPLORING IDEATION METHODS Assignments:  1. Using the analysis of PROBLEM X, apply appropriate ideation methods to scope possible solutions.  Explore Creative Thinking Experiences – Visual (Mapping, Diagrams, Scamper, SWOT etc.), Verbal (Brainstorming etc.), Spatial (Role Play etc.)
4	7. VISUALISATION / CONCEPTUALISATION / IDEATION OF MULTIPLE SOLUTIONS 8. SELECTION OF 3 OPTIMAL SOLUTIONS 9. IMPLEMENTATION OF FINAL SOLUTION /EXECUTION OF FINAL SOLUTION	C03	7. EXPLORING MULTIPLE SOLUTIONS Assignments: 1. Conceptualizing solutions based on Problem Statement of PROBLEM X and following a process of extensive explorations of the Conceptualizing solutions based on Problem Statement of PROBLEM X and following a process of extensive explorations of the Conceptual Solutions and working on them to culminate into 3 Alternative Optimal Solutions.  9. PAPER PROTOTYPES Assignments: 1. Identifying one Final Optimal Solution. 1. Identifying one Final Optimal Solution. 1. Translate Concept Drawings to Working Drawing. 1. Execute Model, Prototype, Mockup etc
5	10. CONTINUATION OF IMPLEMENTATION OF FINAL SOLUTION/EXECUTION OF FINAL SOLUTION INTRODUCTION TO DIGITAL TOOLS FOR PROTOTYPING	C03, C02	10. DIGITAL PROTOTYPES Assignments:  i. Translate Working Drawings on Paper to the Digital Platform.  ii. Execute Model, Digital Prototype, Mockup etc

6	11. VALIDATION/TESTING		11. EVALUATION OF FINAL SOLUTION
	12. DOCUMENTATION MTHODS		Assignments :
			i. Evaluation and Review of Final Solutions through Tests and Interviews.
1			
			12. DOCUMENTATION OF DESIGN PROCESS (applied in selected PROBLEM X)
			Assignments :
			i. Completing of all on-going assignments and documentation of PROBLEM X.
7	13. SELF-ACTUALISATION	C03, C02	13. REFLECTIVE THINKING AND SELF- DISCOVERY
	13a. Mapping of the Self based on Maslow's Hierarchy of Human Needs.		Assignments:
	13b. Mapping of Self based on Ownership of Position taken on Political, Social, Economic,		i. Create a Mind Map of the 'Self' based on Maslow's Hierarchy of Human Needs
	Environmental, Technological, Health etc Issues.		ii. Create a Mind Map of the 'Self' based on personal positions taken by individual students.
	Environmental, recumological, recumo		in create a wind map of the Self Bused on personal positions taken by marriadar stadents.
ρ.	14. END TERM PROJECT – GROUP PROJECT	C03, C02, C01	
o a constant of the constant o		CO3, CO2, CO1	
	14a. Complex Problem Solving / Solving Wicked Problems		
	14b. Introduction to Sustainable Development Goals		
9	14. END TERM PROJECT – GROUP PROJECT	C03, C02, C01	
-		,,	
10			
10	14. END TERM PROJECT – GROUP PROJECT	C03, C02, C01	
11	14. END TERM PROJECT – GROUP PROJECT	C03, C02, C01	<del> </del>
lii.	14. END TERM PROJECT - GROUP PROJECT	C03, C02, C01	
12	14. END TERM PROJECT – GROUP PROJECT	C03, C02, C01	
·-	THE PERSON NOTES OF THE PERSON NOTES	663, 662, 662	
13	14. END TERM PROJECT – GROUP PROJECT	CO4, C03, C02, C01	
	14. END TERM PROJECT - GROUP PROJECT	CO4, CO3, CO2, CO1	
*Please insert more rows if required			
		Weekly Lab Dian	
		Weekly Lab Plan	
Week Number	Laboratory Exercise	COs Met	Platform (Hardware/Software)
Week Number		·	Platform (Hardware/Software)
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT	COs Met	Platform (Hardware/Software)
Week Number	IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND	COs Met	Platform {Hardware/Software}
Week Number	LOENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND ASsignments:	COs Met	Platform (Hardware/Software)
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:     I. Identify a Micro/Simple Problem from the local environment or public space which can include	COs Met	Platform (Hardware/Software)
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:     I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues	COs Met	Platform (Hardware/Software)
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:     I. Identify a Micro/Simple Problem from the local environment or public space which can include	COs Met	Platform {Hardware/Software}
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:     I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.	COs Met	Platform (Hardware/Software)
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:     I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.     II. Conduct a field study in a chosen environment — communication of it's understanding and	COs Met	Platform {Hardware/Software}
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  i. I.dentify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  ii. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual	COs Met	Platform (Hardware/Software)
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:     I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.     II. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.	COs Met	Platform {Hardware/Software}
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  1. Indicated a Problem Statement.	COs Met	Platform (Hardware/Software)
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:     I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.     II. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.	COs Met	Platform {Hardware/Software}
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments: I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc. I. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports. III. Articulate a Problem Statement. IV. Design / Conceptualise the Research.	COs Met	Platform (Hardware/Software)
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments: I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc. I. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports. III. Articulate a Problem Statement. IV. Design / Conceptualise the Research.	COs Met	Platform {Hardware/Software}
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. I.dentify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  11. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  11. Articulate a Problem Statement.  12. SCOPING THE CONTEXT OF THE PROBLEM AREA	COs Met	
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments: I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc. II. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports. III. Articulate a Problem Statement. IV. Design / Conceptualise the Research.  2.SCOPING THE CONTEXT OF THE PROBLEM AREA I. Identify a Simple Problem/Need/Opportunity etc and scope the context.	COs Met	Journal, Sketch Book
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. I.dentify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  11. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  11. Articulate a Problem Statement.  12. SCOPING THE CONTEXT OF THE PROBLEM AREA	COs Met	Journal, Sketch Book Softwares - Adobe Ilustrator
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments: I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc. II. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports. III. Articulate a Problem Statement. IV. Design / Conceptualise the Research.  2.SCOPING THE CONTEXT OF THE PROBLEM AREA I. Identify a Simple Problem/Need/Opportunity etc and scope the context.	COs Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  II. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  III. Articulate a Problem Statement.  IV. Design / Conceptualise the Research.  IV. Design / Conceptualise the Research.  I. Identify a Simple Problem/Need/Opportunity etc and scope the context  III. Analyse the problem /need/ opportunity using diffrent methods	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments: I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc. II. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports. III. Articulate a Problem Statement. IV. Design / Conceptualise the Research.  2.SCOPING THE CONTEXT OF THE PROBLEM AREA I. Identify a Simple Problem/Need/Opportunity etc and scope the context.	COs Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments: I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc. II. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports. III. Articulate a Problem Statement. IV. Design / Conceptualise the Research. 2. SCOPING THE CONTEXT OF THE PROBLEM AREA I. Identify a Simple Problem/Need/Opportunity etc and scope the context III. Analyse the problem /need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	I. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  II. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  III. Articulate a Problem Statement.  IV. Design / Conceptualise the Research.  2.SCOPING THE CONTEXT OF THE PROBLEM AREA  I. Identify a Simple Problem/Need/Opportunity etc and scope the context  II. Analyse the problem /need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  Assignments:	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND ASsignments:  1. I.dentify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  11. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  11. Articulate a Problem Statement.  11. Design / Conceptualise the Research.  2. SCOPING THE CONTEXT OF THE PROBLEM AREA  1. I. Identify a Simple Problem/Need/Opportunity etc and scope the context  11. Analyse the problem / Inneed/Opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES Assignments: 3. As Five Personal Problems (ask the self)	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND A Saignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1i. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  1ii. Articulate a Problem Statement.  1iv. Design / Conceptualise the Research.  2.SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  1i. Analyse the problem/need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  Assignments:  3. Five Problems from 5 Peoples.	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND ASsignments:  1. I.dentify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  11. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  11. Articulate a Problem Statement.  11. Design / Conceptualise the Research.  2. SCOPING THE CONTEXT OF THE PROBLEM AREA  1. I. Identify a Simple Problem/Need/Opportunity etc and scope the context  11. Analyse the problem / Inneed/Opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES Assignments: 3. As Five Personal Problems (ask the self)	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND A Saignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1i. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  1ii. Articulate a Problem Statement.  1iv. Design / Conceptualise the Research.  2.SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  1i. Analyse the problem/need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  Assignments:  3. Five Problems from 5 Peoples.	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1i. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  1ii. Articulate a Problem Statement.  1iv. Design / Conceptualise the Research.  2. SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  1i. Analyse the problem/Need/Opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  Assignments:  3. Five Problems from 5 Peoples.  3. B. Five Problems from 5 Peoples.  3. B. Five Problems from 5 Peoples.  3. C. Five Problems from 5 Peoples.  3. Five Problems from 5 Peoples.  3. Five Problems from 5 Peoples.  3. Five Problems from 5 Peoples.	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  1ii. Articulate a Problem Statement.  1iv. Design / Conceptualise the Research.  2. SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  1ii. Analyse the problem /need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES Assignments:  3. A. Five Problems from the Newspaper  3. Five Problems from the Newspaper  3. E. Five Problems from the Newspaper	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1i. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  1ii. Articulate a Problem Statement.  1v. Design / Conceptualise the Research.  2.SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  1ii. Analyse the problem /need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  Assignments:  3. Five Personal Problems (ask the self)  3b. Five Problems from 5 Peoples.  3c. Five Problems from the Newspaper  3c. Five Problems from the Newspaper  3d. Five City Level Problems  3e. Five Problems from the Planetary Crisis  3f. Mapping of the 4/5 w. 8a. and to one in each of the above categories.	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  11. Articulate a Problem Statement.  12. SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  11. Analyse the problem /need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  Assignments:  3. Five Problems from the Popolecyles  3. Five Problems from the Newspaper  3. Five Problems from the Planetary Crisis  3. Five Problems from the Planetary Crisis  3. Micro To the 4/5 w. & an H to one in each of the above categories.  3. Create an Eshaustive Mapping of the Stakeholders in the Problem Area Identified	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1i. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  1ii. Articulate a Problem Statement.  1v. Design / Conceptualise the Research.  2.SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  1ii. Analyse the problem /need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  Assignments:  3. Five Personal Problems (ask the self)  3b. Five Problems from 5 Peoples.  3c. Five Problems from the Newspaper  3c. Five Problems from the Newspaper  3d. Five City Level Problems  3e. Five Problems from the Planetary Crisis  3f. Mapping of the 4/5 w. 8a. and to one in each of the above categories.	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. I. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  11. Articulate a Problem Statement.  12. SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  11. Analyse the problem /need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  Assignments:  3. Five Problems from the Popolecyles  3. Five Problems from the Newspaper  3. Five Problems from the Planetary Crisis  3. Five Problems from the Planetary Crisis  3. Micro To the 4/5 w. & an H to one in each of the above categories.  3. Create an Eshaustive Mapping of the Stakeholders in the Problem Area Identified	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  1ii. Articulate a Problem Statement.  1iv. Design / Conceptualise the Research.  1v. Design / Conceptualise the Research.  2. SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  1i. Analyse the problem /need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES Assignments:  3a. Five Personal Problems (ask the self) 3b. Five Problems from 5 Peoplessif: 3c. Five Problems from 5 Peoplessif: 3c. Five Problems from 5 Peoplessif: 3d. Five City Level Problems 3e. Five Problems from the Newspaper 3d. Five City Level Problems 3g. Create an Exhaustive Mapping of the Stakeholders in the Problem Area Identified 3h. Describe Vicked Problems' and illustrate with examples  3l. Write short seasys on the following:	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  11. Articulate a Problem Statement.  12. SCOPING THE CONTEXT OF THE PROBLEM AREA.  1. Identify a Simple Problem/Need/Opportunity etc and scope the context iii. Analyse the problem /need/ Opportunity using diffrent methods.  2. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  2. Singments:  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  3. Singments:  3. Five Personal Problems (ask the self)  3b. Five Problems from the Newspaper  3d. Five City Level Problems  3d. Five Problems from the Newspaper  3d. Five City Level Problems  3d. Micro Gith City Singment of the Stakeholders in the Problem Area Identified  3d. Mescribe Wicked Problems' and illustrate with examples  3l. Write short essays on the following:  3l. Vour Definition and Interpretation of 'Context'	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inikcape, Svg- Edit Open Source - Simple Mind, Coggle
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND ASsignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1i. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  1ii. Articulate a Problem Statement.  1iv. Design / Conceptualise the Research.  1iv. Design / Conceptualise the Research.  2. SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  1i. Analyse the problem /need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  Assignments:  3a. Five Personal Problems (sak the self)  3b. Five Problems from 5 Peoples.  3c. Five Problems from 5 Peoples.  3c. Five Problems from the Newspaper  3d. Five City Level Problems  3e. Five Problems from the Planetary Crisis  3f. Mapping of the 4/5 W. & an H to one in each of the above categories.  3g. Create an Exhaustive Mapping of the Stakeholders in the Problem Area Identified  3h. Describe Wicked Problems' and illustrate with examples  3l. Write short exasys on the following:  a) Your Definition and Interpretation of Context'  b) Your Understanding and Articulation of Concerts'	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg Edit Open Source - Simple Mind, Coggle
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND Assignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1. Conduct a field study in a chosen environment – communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  11. Articulate a Problem Statement.  12. SCOPING THE CONTEXT OF THE PROBLEM AREA.  1. Identify a Simple Problem/Need/Opportunity etc and scope the context iii. Analyse the problem /need/ Opportunity using diffrent methods.  2. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  2. Singments:  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  3. Singments:  3. Five Personal Problems (ask the self)  3b. Five Problems from the Newspaper  3d. Five City Level Problems  3d. Five Problems from the Newspaper  3d. Five City Level Problems  3d. Micro Gith City Singment of the Stakeholders in the Problem Area Identified  3d. Mescribe Wicked Problems' and illustrate with examples  3l. Write short essays on the following:  3l. Vour Definition and Interpretation of 'Context'	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inikscape, Svg- Edit Open Source - Simple Mind, Coggle Journal, Sketch Book Softwares - Adobe Ilustrator
Week Number	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND ASsignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1i. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  1ii. Articulate a Problem Statement.  1iv. Design / Conceptualise the Research.  1iv. Design / Conceptualise the Research.  2. SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  1i. Analyse the problem /need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  Assignments:  3a. Five Personal Problems (sak the self)  3b. Five Problems from 5 Peoples.  3c. Five Problems from 5 Peoples.  3c. Five Problems from the Newspaper  3d. Five City Level Problems  3e. Five Problems from the Planetary Crisis  3f. Mapping of the 4/5 W. & an H to one in each of the above categories.  3g. Create an Exhaustive Mapping of the Stakeholders in the Problem Area Identified  3h. Describe Wicked Problems' and illustrate with examples  3l. Write short exasys on the following:  a) Your Definition and Interpretation of Context'  b) Your Understanding and Articulation of Concerts'	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Nikscape, Svg Edit Open Source - Simple Mind, Coggle  Journal, Sketch Book Softwares - Adobe Ilustrator Open Source - Nikscape, Svg Edit
Week Number  1	1. IDENTIFYING A MICRO/SIMPLE PROBLEM/NEED/OPPORTUNITY OR AN EXISTING DESIGN THAT REQUIRES IMPROVEMENT AND ASsignments:  1. Identify a Micro/Simple Problem from the local environment or public space which can include product, space, communication, system, services, human interaction, experiences, activities, issues of concern etc.  1i. Conduct a field study in a chosen environment — communication of it's understanding and identifying problems through maps, sketches, illustration, interaction with people and textual reports.  1ii. Articulate a Problem Statement.  1iv. Design / Conceptualise the Research.  1iv. Design / Conceptualise the Research.  2. SCOPING THE CONTEXT OF THE PROBLEM AREA  1. Identify a Simple Problem/Need/Opportunity etc and scope the context  1i. Analyse the problem /need/ opportunity using diffrent methods  3. MICRO TO MACRO PROBLEMS/NEEDS/OPPORTUNITIES  Assignments:  3a. Five Personal Problems (sak the self)  3b. Five Problems from 5 Peoples.  3c. Five Problems from 5 Peoples.  3c. Five Problems from the Newspaper  3d. Five City Level Problems  3e. Five Problems from the Planetary Crisis  3f. Mapping of the 4/5 W. & an H to one in each of the above categories.  3g. Create an Exhaustive Mapping of the Stakeholders in the Problem Area Identified  3h. Describe Wicked Problems' and illustrate with examples  3l. Write short exasys on the following:  a) Your Definition and Interpretation of Context'  b) Your Understanding and Articulation of Concerts'	COS Met	Journal, Sketch Book Softwares - Adobe Ilustrator Open Sourse - Inikscape, Svg- Edit Open Source - Simple Mind, Coggle Journal, Sketch Book Softwares - Adobe Ilustrator

	4. DESIGNER SELF AND THE OTHER	C02	
	Assignments :		
	4a. Create an Exhaustive Mapping of the Stakeholders in the Problem Area Identified –		
	'Extrospection' of 'Other/User' in the Community, Society and Environment		
	5. SCOPING A PROBLEM		
	Assignments :		
	i. Identifying areas for potential design solutions and choose one – PROBLEM X		
	ii. Research, Data Collection and Analysis of Findings		
	iii. Redefining or Reinterpreting the Design Problem taking into account the analysis and synthesis of		
	the relevant information collected.		
	6. EXPLORING IDEATION METHODS		
	Assignments :		
	i. Using the analysis of PROBLEM X, apply appropriate ideation methods to scope possible solutions.		
	Explore Creative Thinking Experiences – Visual (Mapping, Diagrams, Scamper, SWOT etc), Verbal		
	(Brainstorming etc), Spatial (Role Play etc).		Journal, Sketch Book
			Softwares - Adobe Ilustrator
			Open Sourse - Inkscape, Svg- Edit
3			Open Source - Simple Mind, Coggle
	7. EXPLORING MULTIPLE SOLUTIONS	C02, C03	
	Assignments:		
	i. Conceptualizing solutions based on Problem Statement of PROBLEM X and following a process of		
	extensive explorations.		
	O. TURES ALTERNATE COLUTIONS		
	8. THREE ALTERNATE SOLUTIONS		
	Assignments:		
	i. Selecting effective options and working on them to culminate into 3 Alternative Optimal Solutions.	1	
	9. PAPER PROTOTYPES		
	Assignments:		
	a. Identifying one Final Optimal Solution.		
	b. Translate Concept Drawings to Working Drawing.		Journal, Sketch Book
	c. Execute Model, Prototype, Mockup etc		Softwares - Adobe Ilustrator
			Open Sourse - Inkscape, Svg- Edit
4			Open Source - Simple Mind, Coggle
7	10. DIGITAL PROTOTYPES		Open Source - Simple Milna, Coggle
	Assignments :		
	i. Translate Working Drawings on Paper to the Digital Platform.		
	ii. Execute Model, Digital Prototype, Mockup etc		
-	II. Execute Model, Digital Prototype, Mockup etc		Journal, Sketch Book
5		C01, C02, C03	Softwares - Adobe Photoshop, Ilustrator, Balsmiq, SketchWare etc
6			
	11. EVALUATION OF FINAL SOLUTION		
	Assignments :		
	i. Evaluation and Review of Final Solutions through Tests and Interviews.		
	12. DOCUMENTATION OF DESIGN PROCESS (applied in selected PROBLEM X)		
	Assignments :		
	i. Completing of all on-going assignments and documentation of PROBLEM X.		Journal, Sketch Book
		C03, C02	Softwares - Adobe Photoshop, Ilustrator, Balsmiq, SketchWare etc
7	13. REFLECTIVE THINKING AND SELF- DISCOVERY SEE		
	Assignments :		
	i. Create a Mind Map of the 'Self' based on Maslow's Hierarchy of Human Needs		Softwares - Adobe Illustrator
	ii. Create a Mind Map of the 'Self' based on personal positions taken by individual students.		Open Sourse - Inkscape, Svg- Edit
			Softwares - Adobe Photoshop
			Open Source - Gimp, Paint.net, Pixlr
			Balsmiq, SketchWare etc
			Softwares - Adobe Indesign
			Open Sourse - Scribus
		C03, C02, C01	Open Source - Simple Mind, Coggle
8	14. END TERM PROJECT – GROUP PROJECT		
	Assignment:		Softwares - Adobe Ilustrator
	SELECT PROJECT FROM SUSTAINABLE DEVELOPMENT GOALS		Softwares - Adobe Hustrator  Open Sourse - Inkscape, Svg- Edit
			Softwares - Adobe Photoshop
			Open Source - Gimp, Paint.net, Pixlr
			Open Source - Girlip, Paritalet, Pixil Balsmig, SketchWare etc
			Softwares - Adobe Indesign
		C03, C02, C01	

*Please insert more rows if required  Type of Evaluation  1. Continuous Assessment of Assignments.  2. Indi Semester Exam & Jury  3. Maintenance of a Journal  4. Attendance  5. End Term Project  6. End Semester Exam & Jury  *Please insert more row for other type of Evaluation  Type  Various Internet Resources  Text Book  Text Book	% Contribution in Grade	ad, India.	Softwares - Adobe Indesign Open Source - Simple Mind, Coggle Open Source - Simple Mind, Coggle
Type of Evaluation 1. Continuous Assessment of Assignments. 2. Indi Semester Exam & Jury 3. Maintenance of a Journal 4. Altendance 5. End Term Project 6. End Semester Exam & Jury  *Please insert more row for other type of Evaluation  Type Various Internet Resources  Text Book	40% (20% before mid semester + 20% before end semester)  10% 10% (5% before mid semester & 5% before end semester) 10% 20% 10%  Title  1. Balaram S, Thinking Design, Sage Publications India Pvt. Ltd, Haryan, India, 2011. 2. Papanek, Victor, Design for the Real World: Human Ecology and Social Change, Acc	Resource Material  Resource Material	Open Sourse - Scribus
Type of Evaluation 1. Continuous Assessment of Assignments. 2. Indi Semester Exam & Jury 3. Maintenance of a Journal 4. Altendance 5. End Term Project 6. End Semester Exam & Jury  *Please insert more row for other type of Evaluation  Type Various Internet Resources  Text Book	40% (20% before mid semester + 20% before end semester) 10% 10% (5% before mid semester & 5% before end semester) 10% 20% 10%  Title  1. Balaram S, Thinking Design, Sage Publications India Pvt. Ltd, Haryan, India, 2011.	Resource Material	Open Sourse - Scribus
Type of Evaluation  1. Continuous Assessment of Assignments.  2. Indi Semester Exam & Jury  3. Maintenance of a Journal  4. Attendance  5. End Term Project  6. End Semester Exam & Jury  *Please insert more row for other type of Evaluation  Type  Various Internet Resources	40% (20% before mid semester + 20% before end semester) 10% 10% (5% before mid semester & 5% before end semester) 10% 20% 10%		Open Sourse - Scribus
Type of Evaluation  1. Continuous Assessment of Assignments.  2. Mid Semester Exam & Jury  3. Maintenance of a Journal  4. Attendance  5. End Term Project  6. End Semester Exam & Jury  Please insert more row for other type of Evaluation  Type	40% (20% before mid semester + 20% before end semester) 10% (5% before mid semester & 5% before end semester) 10% 20% 10%		Open Sourse - Scribus
Type of Evaluation 1. Continuous Assessment of Assignments. 2. Mid Semester Exam & Jury 3. Maintenance of a Journal 4. Attendance 5. End Term Project 6. End Semester Exam & Jury  *Please insert more row for other type of Evaluation	40% (20% before mid semester + 20% before end semester) 10% (5% before mid semester & 5% before end semester) 10% 20% 10%		Open Sourse - Scribus
Type of Evaluation  1. Continuous Assessment of Assignments.  2. Mid Semester Exam & Jury  3. Maintenance of a Journal  4. Attendance  5. End Term Project  6. End Semester Exam & Jury	40% (20% before mid semester + 20% before end semester) 10% 10% (5% before mid semester & 5% before end semester) 10% 20%		Open Sourse - Scribus
Type of Evaluation  1. Continuous Assessment of Assignments.  2. Mid Semester Exam & Jury  3. Maintenance of a Journal  4. Attendance  5. End Term Project  6. End Semester Exam & Jury	40% (20% before mid semester + 20% before end semester) 10% 10% (5% before mid semester & 5% before end semester) 10% 20%	Assessment Plan	Open Sourse - Scribus
Type of Evaluation 1. Continuous Assessment of Assignments. 2. Mid Semester Exam & Jury 3. Maintenance of a Journal 4. Altendance 5. End Term Project	40% (20% before mid semester + 20% before end semester) 10% 10% (5% before mid semester & 5% before end semester) 10% 20%	Assessment Plan	Open Sourse - Scribus
Type of Evaluation  1. Continuous Assessment of Assignments.  2. Mid Semester Exam & Jury  3. Maintenance of a Journal  4. Attendance	40% (20% before mid semester + 20% before end semester) 10% 10% (5% before mid semester & 5% before end semester) 10%	Assessment Plan	Open Sourse - Scribus
Type of Evaluation  1. Continuous Assessment of Assignments.  2. Mid Semester Exam & Jury  3. Maintenance of a Journal  4. Attendance	40% (20% before mid semester + 20% before end semester) 10% 10% (5% before mid semester & 5% before end semester)	Assessment Plan	Open Sourse - Scribus
Type of Evaluation 1. Continuous Assessment of Assignments. 2. Mid Semester Exam & Jury	40% (20% before mid semester + 20% before end semester) 10%	Assessment Plan	Open Sourse - Scribus
Type of Evaluation 1. Continuous Assessment of Assignments.	40% (20% before mid semester + 20% before end semester)	Assessment Plan	Open Sourse - Scribus
Type of Evaluation		Assessment Plan	Open Sourse - Scribus
	% Contribution in Grade	Assessment Plan	Open Sourse - Scribus
*Please insert more rows if required		Assessment Plan	Open Sourse - Scribus
*Please insert more rows if required			Open Sourse - Scribus
			Open Sourse - Scribus
			Softwares - Adobe Indesign
			Balsmiq, SketchWare etc
			Open Source - Gimp, Paint.net, Pixir
			Upen Sourse - Intscape, Syg - Edit Softwares - Adobe Photoshop
			Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
			Services Address Research
13	14. END TERM PROJECT – GROUP PROJECT Contd.		орен эмене этире типу, совее
			Open Sourse - Scribus Open Source - Simple Mind, Coggle
			Softwares - Adobe Indesign
			Balsmiq, SketchWare etc
			Open Source - Gimp, Paint.net, Pixir
			open storie - miscape, 39°; Edit Softwares - Adobe Photoshop
			Open Sourse - Inkscape, Svg- Edit
			Softwares - Adobe Ilustrator
12	14. END TERM PROJECT – GROUP PROJECT Contd.		
40	44 510 7504 200 1507 200 10 20	C03, C02, C01	Open Source - Simple Mind, Coggle
			Open Sourse - Scribus
			Softwares - Adobe Indesign
			Open Soutce - Smith, raintine, Fixin Balsmig, SketchWare etc
			Softwares - Adobe Photosnop  Open Source - Gimp, Paint.net, Pixlr
			Open Sourse - Inkscape, Svg- Edit Softwares - Adobe Photoshop
			Softwares - Adobe Illustrator
11	14. END TERM PROJECT – GROUP PROJECT Contd.		
		C03, C02, C01	Open Source - Simple Mind, Coggle
			Open Sourse - Scribus
			Balsmiq, SketchWare etc Softwares - Adobe Indesign
			Open Source - Gimp, Paint.net, Pixlr
			Softwares - Adobe Photoshop
			Open Sourse - Inkscape, Svg- Edit
			Softwares - Adobe Ilustrator
10	14. END TERM PROJECT – GROUP PROJECT Contd.		
10	44 500 7504 200 750 750 750 750 750 750 750 750 750 7	C03, C02, C01	Open Source - Simple Mind, Coggle
			Open Sourse - Scribus
			Softwares - Adobe Indesign
			Balsmiq, SketchWare etc
			Open Source - Gimp, Paint.net, Pixir
			Open Sourse - Inscape, Svg. Edit Softwares - Adobe Photoshop
			Softwares - Adobe Ilustrator Open Sourse - Inkscape, Svg- Edit
9	14. END TERM PROJECT – GROUP PROJECT Contd.		

3. David Lauer, Design Basics, Wadsworth Publishing, (2007).
4. John F. Pile, Dictionary of 20th-Century Design, Facts on File, (1990).
5. Jones, Chris Jones, Design Methods, 2nd Edition, John Wiley & Sons, New Jersey (1992).
6. Lidwell, William et al., Universal Principles of Design. USA: Rockport Publishers, (2003).
7. Archer, Bruce, Systematic Methods for Designers, Design. 172, 174, 176, 179, 181, 185, 188. (1963/64).
remental product of the product of t
8. Archer, Bruce, Systematic Method For Designers, in Cross N (editor) Developments in Design Methodology. UK: John Wiley & Sons. pp 57-82, (1984).
2. Acties, bruce, besign as a unsulmire, besign atomics 1.1. 17-20, 127-20.
10. Archer, Bruce, Design Awareness and Planned Creativity in Industry. Canada & UK: Design Council of Great Britain, (1974).
11. Cross, Nigel, Designerly Ways of Knowing, Design studies 3.4: 221-227, (1982).
12. Cross, Nigel, Design Thinking: Understanding how Designers Think and Work, Bloomsbury, London, New York, (2011).
13. Brown, Tim, Change by Design: How design Thinking Transforms Organizations and Inspires Innovation, Harper Collins, New York, (2009).
14. Norman, Donald, The Design of Everyday Things, Currency and Doubleday, New York, (2002).
15. Norman, Donald, Emotional Design: Why We Love (Or Hate) Everyday Things, Basic Books, USA, (2003).
16. Heskett, John, Toothpicks and Logos: Design in Everyday Life. UK: Oxford University Press, (2003).
17. Roozenburg and Eekels, Product Design: Fundamentals and Methods, John Wiley & Sons Inc; New Ed edition.
18. Schon, Donald A., The Reflective Practitioner: How Professionals Think In Action, Basic Books, (1984).
19. Smith, Paul, You Can Find Inspiration in Everything, London, Thames& Hudson, (2003).
20. Kolko, Jon, Exposing the Magic of Design: A Practitioner's Guide to the Methods and Theory of Synthesis, Oxford University Press, (2011).
21. Bonsiepe, Gul, Interface: An Approach to Design; edited by Dawn Barrett; Maastricht: Jan van Eyck Akademie, (1999).
22. Garrett, Jesse James, The Elements of User Experience, New Riders (2010).
23. Moggridge, Bill, Designing for Interactions, MIT Press, (2007).
24. Tidwell, Jenifer, Designing Interfaces, O'Reilly Media, USA, (2005).
25. Buxton, Bill, Sketching User Experiences: Getting the Design Right and the Right Design (Interactive Technologies), Morgan Kaufmann, (2010).
26. Lawson, Bryan and Dorst, Kees, Design Expertis, Taylor & Francis, (2009).
27. Dorst, Kees, and Crabill, Phyllis, Under-Standing Design, Gingko Press, University of Michigan, (2006).
28. Surowiecki, James, The Wisdom of Crowds, Anchor Books, New York, (2005).
29. Ackerman, Diane, A Natural History of the Senses, Vintage, (1990).
30. Khan, The Third Curve, Mansoor Khan Productions Pvt. Ltd. (2013).
31. Thackara, John, How to Thrive in the Next Economy, Thames & Hudson Ltd, UK, (2015).
32. Oakley, Mark, Design Management: A Handbook of Issues and Methods (Part IV – The Nature of Design Process), Oxford, UK, Blackwell Publication, (1990).