

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY (MAKAUT)

SYLLABUS for M. Sc. in VISUAL COMMUNICATION

Effective For 2018-2019 Admission Session

COURSE STRUCTURE

1ST YEAR

SL No	CODE	Paper	Contact Periods per week			Total Contact Hours	Credits
			L	T	P		
SEMESTER I							
THEORY							
1	MVC 101	Visual Language and perception	2	0	2		3
2	MVC 102	Design Methodology & Process	2	0	2		3
3	MVC 103	Design Research	2	0	2		3
SESSIONAL							
1	MVC 181	Design Project I (conceptual Typography)	0	2	6		4
2	MVC 182	Design Project II (Technical drawing for Graphical Representation)	0	2	6		4
Practical							
1	MVC 191	Conceptual Photography	0	2	4		3
2	MVC 192	Digital Design I	0	2	6		4
Total Credit							24
SEMESTER II							
THEORY							
1	MVC 201	Semiotics and Cultural Studies	2	0	2		3
2	MVC 202	Production management (A/B)	2	0	2		3
3	MVC 203	Multimedia and E-commerce (Design Domain)	2	0	2		3
SESSIONAL							
1	MVC 281	Design Specialization Project I (A/B)	0	2	6		4
2	MVC 282	Design Project III (Technical drawing for Structural Representation)	0	2	6		4
Practical							
1	MVC 291	Understanding Film Making :Script and Sequential Narrative	0	2	4		3
2	MVC 292	Digital Design II	0	2	6		4
Total Credit							24

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2ND YEAR

SL No	CODE	Paper	Contact Periods per week			Total Contact Hours	Credits
			L	T	P		
SEMESTER III							
THEORY							
1	MVC 301	Systems Thinking	3	0	2		4
SESSIONAL							
1	MVC 381	Industry Training*	0	0	14		6
2	MVC 382	Design Specialization Project II (A/B)	0	0	14		7
PRACTICAL							
1	MVC 391	Digital Design Specialization(A/B)	0	3	10		7
Total Credit							24
SEMESTER IV							
THEORY							
1	MVC 401	Design Management & Branding	3	0	2		4
SESSIONAL							
2	MVC 481	Design Documentation & Thesis#	0	2	10		8
3	MVC 482	Final Specialization Project^	0	6	18		12
Total Credit							24

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MVC 381*	C
Office Training	2
Critical Appraisal	2
Documentation and Reporting	2
MVC 481#	C
Research of scenario study & observation	2
Critical Appraisal of study	1
Conceptualization	1
Documentation and Reporting: Process and details	2
MVC 482^	
Specialization Areas:	
A: Animation Design B: Visual Design	
Research	2
Ideation, exploration and conceptualization	2
Design execution	2
Documentation and Reporting: Process and details	2
Viva and Final presentation	4

SEMESTER-I

Paper: Visual Language and Perception

Code: MVC101

Contacts Hours / Week: 2L

Credits: 03

Content

Module 1

The Psychology of Perception-

Relationship between syntactic, semantics and pragmatics: Explorations in visual abstraction

Analysis of Aesthetics: the structure of Appearance. Form in nature, Exploration of visual images with analogies from nature. Thinking with visual images

Module 2

Basics of visual language- Its evolution and its Form, Function and representation with in the design elements and principles. Thinking by visual image, Seeing-pattern seeking, analytical seeing, cues to form and space, Study of Visual Language- Mediums and their representation. The science of vision- the dynamic properties of vision, The brain and vision, visual cognition, perceptual organization and Gestalt psychology. Visual perception-depth, dimension, illusion, figure and form, perception and knowledge Critical study of visual elements, features and principles. A study of indigenous design and painting, both contemporary and traditional to understand and analyze a variety of styles and visual language.

Module 3

Human Perception related to Visual Design applications. Ways of seeing.

Case studies of classical application in Visual communication

Understanding perception and paradigms to stretch the design boundaries

Suggested Readings:

1. Elements of Design, by Gail Greet Hannah, Princeton Architectural Press
2. Graphic design manual, Principles and Practice. Armin Hoffman; Arthur Niggli Publisher, Multilingual edition.
3. Signs and Symbols: Their Design and Meaning by, Adrian Frutiger; Ebury Press; New edition
4. The Art of Color: The Subjective Experience and Objective Rationale of Color, Johannes Itten; Wiley Publications
5. Language of Vision, Gyorgy Kepes; Dover Publications Inc.
6. Ways of Seeing, John Berger, Penguin Books
7. Art and Visual Perception, Rudolf Arnheim. University of California Press;
8. Visual Thinking, Rudolf Arnheim, University of California Press;
9. Cognition and the visual arts by Robert L Solo MIT Press
10. Art of looking sideways by Alan Fletcher
11. Visual Intelligence: Perception, Image, and Manipulation in Visual Communication, Marie , Anne; Barry Seward; Publisher: State University of New York Press
12. Experiences in visual thinking by Robert H McKin
13. Perception & Imaging by Richard D Zakia. Focal Press
14. Indian Symbolology, by Trivedi, Kirti (ed.); IDC

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
Effective For 2018-2019 Admission Session

Paper: Design Methodology and Process

Code: MVC102

Contacts Hours / Week: 2L

Credits: 03

Content

Module 1

Introduction to Design Methodology. Introduction to basic Design theories in the context of design. Philosophy of design methods, History and development of design methodology. The role of design and the Designer- The scope of different design disciplines. Method of systematic design, Nature of design activity and process. Study through case studies the emerging areas of design

Module 2

Introduction to the thoughts and perspectives, concerns and issues in the context of design
Design Process- Task Analysis and activity mapping, problem identification to concept
Opportunity mapping and design brief creation. Developing different design directions

Module 3

Introduction to ideation and conceptual tools and their applications
Brainstorming, Synectics and lateral thinking. Clustering and concept generation. Articulation of design solutions and alternatives. Process documentation

Suggested Reading:

1. Design Methods Seeds of Human Future, Christopher Jones, Wiley, Interscience
2. Developments in Design Methodology by Nigel Cross. John Wiley and Sons
3. Contextual Design, by Hugh Beyer and Karen Holtzblatt, Morgan Kaufmann
4. The Reflective Practitioner: How Professionals Think In Action, Donald Schön, Basic Books
5. The Design Process by Karl Aspelund
6. The Design Method by David Airey
7. Designing Design by Kenya Hara
8. Lateral thinking by Edward DeBono
9. Design Methodology by Christopher Alexander

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
Effective For 2018-2019 Admission Session

Paper: Design Research

Code: MVC103

Contacts Hours / Week: 2L

Credits: 03

Content

Module1

Introduction to research methods used in design processes. Image based research overview-Visual anthropology, Ethnographic research, Visual sociology. Images in research process and practice. Methods of investigation and scenario study, Primary and secondary research in user study

Module 2

Different Design Research Methodology- their process and application to specific data collection
Case study of Methods and methodologies

Module 3

Research Interpretation and representation-construction of communication design and medium exploration

Suggested Readings:

1. Doing Research in Design by Christopher Crouch, Bloomsbury Academic
2. Image-based research: a sourcebook for qualitative research by Jon Prosser Routledge Falmer
3. Visual Research: An Introduction to Research Methodologies in Graphic Design by Ian Noble, AVA Publishing
4. Research Design: Qualitative, Quantitative, and Mixed Methods Approaches by John W. Creswell
5. A Designer's Research Manual by Jennifer Visocky O'Grady, Kenneth Visocky O'Grady, Rockport Publishers
6. The India Report, by Eames, Charles and Ray; NID
7. A History of Graphic Design, Meggs, Philip; John Wiley & Sons
8. Universal Methods of Design: 100 Ways to Research Complex Problems, Develop Innovative Ideas, and Design Effective Solutions by Brenda Laurel
9. 100 Design methods by Vijay Kumar

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
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SESSIONAL

Paper: Design Project 1 (Conceptual Typography)

Code: MVC181

Contacts Hours / Week: 6P

Credits: 04

Content

Understanding the role of typography in Visual representation
Typographic play for visual communication across mediums

Suggested Reading:

1. Typography, a manual of Design, by Ruder, Emil; Verlag Niggli AG
2. The elements of typographic Style by Bringhurst, Robert; Hartley and Marks
3. Typography. A Manual of Design by Ruder, Emil; Niggli Verlag
4. Manual of typography by McLean, Ruari; Thames and Hudson
5. Expressive Typography. The word as image, by Elam, Kimberly; John Wiley & Sons Inc
Graphics of communication - Typography, Layout, Design, by T Arthur. Russell N Turnbull

Paper: Design Project 2 (Technical drawing for Graphical Representation)

Code: MVC182

Contacts Hours / Week: 6P

Credits: 04

Content

Technical understanding of space and form. Use of representational tools and techniques for different mediums.
Converting visual images into 2D representation Graphic information creation- infographics for visual representation

Suggested Reading:

1. Design Drawing by Francis D K Ching, Wiley India
2. Drawing for Graphic Design, by Timothy Samara. Rockport
3. Basic Design: the dynamics of visual form, by Maurice de Sausmarez. A&C Black, Publishers Ltd
4. Perception & Imaging by Richard D Zakia. Focal Press
5. The power of infographics : using pictures to communicate and connect with the audience by Mark Smicikles. Que USA
6. Designing Data Visualization by Noah Iliinsky and Julie Steele. Oreilly Media Inc

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
Effective For 2018-2019 Admission Session

PRACTICAL

Paper: Conceptual Photography

Code: MVC191

Contacts Hours / Week: 4P

Credits: 03

Content

Module 1

Photography Communication:
Advanced Techniques and tools for image exploration. Aesthetics and communication in photographic medium
Analysing works of Great Masters

Module 2

Image making and image manipulation. Digital manipulation. Analysing works of Great Masters

Module 3

Lighting for visual representation, techniques and tools

Suggested Reading:

1. Langford's Starting Photography: The Guide to Creating Great Images, by Philip & Langford, Focal Press; 6 edition
2. Photographic Composition: A Visual Guide, by David A Page & Richard D Zakia. Focal Press
3. Perception and Imaging: Photography—A Way of Seeing, by Richard D Zakia, Focal Press
4. Studio Photography: Essential Skills, by John Child, Focal Press
5. Digital Photography: Expert Techniques by Ken Milburn

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
Effective For 2018-2019 Admission Session

Paper: Conceptual Photography

Code: MVC192

Contacts Hours / Week: 6P

Credits: 04

Content

Tools and techniques of the various software The use of the software for enhancing visual representation and communication
Module1 Vector Design software (Illustrator): for visual creation and digital illustration
Module 2 Photoshop: Image making and manipulation
Module3 InDesign: Design making and Layout

Suggested Reading:

1. Adobe Illustrator CS5 One-on-One by Deke McClelland
2. CorelDRAW X3: The Official Guide by Gary David Bouton
3. Photoshop bible Adobe Inc

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
Effective For 2018-2019 Admission Session

SEMESTER-II

Paper: Semiotics and Cultural Studies

Code: MVC201

Contacts Hours / Week: 2L

Credits: 03

Content

Module 1

Semiotic basics- objects, definition, structure, semiosis, signs and their forms Codes and contextual representation. Sociology and human needs- Rituals religion and expression. Art and aesthetics as meaning of expression. Meaning making, reproduction of image and technology, post modernism and popular culture

Module 2

Culture, art and aesthetics through history- the oriental context emphasis on Indian cultural representations.

Graphic narratives-Oral Traditions from the ancient to the present. Contextual narratives, words and image in storytelling (Gond Art)Oral narrative to pictorial art, Form painting to storytelling through pictures(Patua art), Narrative sequence, genre, audience, universe and techniques

Module 3

Introduction to Semiotics- Theories and models

Relationship between message design and meaning, and the structure of messages.

Relationship between human information processing and design communication

Perceptual connection, Framing and context, Sense of order, Time space and movement,

The Semiotic connection, Informing and meaning, dimensions in visual perception

Suggested Readings:

1. Sign an introduction to Semiotics by Thomas A Sebeok. University of Toronto press
2. The Basic Semiotics by Daniel Chandler. Routledge
3. Analysing Discourse: Textual Analysis for Social Research, by Norm, Fairclough; Routledge
4. Speaking with pictures: folk art and the narrative Tradition in India by Roma Chatterjee . , Routledge
5. Moving Focus: Essays on Indian Art, by K. G Subramanyan. Seagull Books
6. Visual Communication: more than meets the eye by Harry Jamieson. Intellect Books UK
7. The Living Tradition, by K. G Subramanyan. Seagull Books Pvt.Ltd
8. The Psychology of Illustration, by D M Willows, , H A Houghton, Vol.1 & 2, Springer- Verlag,
9. Talking Voice by Deborah Tannen,
10. Practices of Looking: an introduction to visual culture by Marita Sturken & Lisa Cartwright. Oxford University press
11. Colour and meaning: art, science and Symbolism, by John Gage. Thames & Hudson
12. Visual Research: An Introduction to Research Methods in Graphic Design By Russell Bestley, Fairchild Books
13. Art, Design and Visual Culture: An Introduction by Malcolm Barnard. Springer_
14. Visible Signs (Second Edition): An Introduction to Semiotics in the Visual Arts by David Crow. AVA Publishing

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
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Paper: Production Management for Animation

Code: MVC202A

Contacts Hours / Week: 2L

Credits: 03

Content

Module 1

Project Planning, understanding different stages of production process from Execution to Completion –Key-frames, Interpolation and Graph Editing

Module 2

The main animation parameters. Editing and audio content input

Module 3

Optimizing your projects and Interactivity for animation creation. Different techniques of representations for animation

Experimentation with different methods of representation

Suggested Readings:

1. Sound Design: The Expressive Power of Music, Voice and Sound Effects in Cinema, by David Sonnensch, Michael Wiese Productions.
2. Practical Art of Motion Picture Sound, by David Lewis Yewdall, Focal Press.
3. The Animator's Workbook- Step by Step Technique of Drawn Animation, by Tony White, Watson-Guptill Publications.
4. Animation-Art and Industry by Maureen Furniss.
5. The Animation Bible by Maureen Furniss.

SYLLABUS for M. Sc. in VISUAL COMMUNICATION

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Paper: Production Management in Visual Design

Code: MVC202B

Contacts Hours / Week: 2L

Credits: 03

Content

Module 1

Introduction to various digital technologies used in communication design
Designing for internet and communication devices, its limitations and possibilities

Module 2

Printing processes: Study of production methods of books, new papers, magazines etc
Study of packaging using different materials.

Module 3

Designing for print media- Digital format image manipulation, Colour correction, font management, colour proofing. Constraints and possibilities in modern printing process

Suggested Readings:

1. Production for Graphic Designers, by Alan Pipes, Laurence King
2. Art and Print Production, by N N Sarkar, Oxford University Press
3. New Media: A Critical Introduction, by Lister, Martin, Dovey, Jon, Kelly, Kieran, Grant, Iain, Giddings, Seth, Routledge
4. A Guide to Graphic Print Production by Kaj Johansson, Peter Lundberg and Robert Ryberg
5. Types of Communication Design Including Typography, Illustration, Animation, Advertisement, and Visual Design. Webster's Digital Services

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
Effective For 2018-2019 Admission Session

Paper: Multimedia and E-Commerce (Design Domain)

Code: MVC203

Contacts Hours / Week: 2L

Credits: 03

Content

Module 1

Introduction to e-business and e-commerce. Multimedia system design and development
Case studies analysis

Module 2

Multimedia basics & Multimedia Production. Electronic commerce Management and strategies
Formats, codes and compressions. Video & Audio Fundamentals

Module 3

Designing for E-commerce. Using digital design to facilitate and promote e-commerce
Importance of e-commerce in today's changing business scenario: e-publishing, e-services

Suggested Readings:

1. The Principles of Beautiful Web Design by Jason Beard
2. Multimedia Foundations: Core Concepts for Digital Design by Vic Costello, Ed Youngblood and Susan Youngblood
3. Developing e-Commerce Systems by [Jim A. Carter](#). Pearson Press
4. Fundamentals of Multimedia by Li & Ze Nian. Prentice Hall India Learning Private Limited
5. Web Design: Introductory Concepts and Techniques by Gary B. Shelly, H. Albert Napier, Ollie N. Rivers. Course Technology
6. E-Business and e-commerce for managers by H. M. Deitel, P. J. Deitel & K. Steinbuhler. Prentice Hall
7. White Space Is Not Your Enemy: A Beginner's Guide to Communicating Visually Through Graphic, Web & Multimedia Design by [Kim Golombisky](#), [Rebecca Hagen](#)
8. E-Commerce Mgmt.- Text & Cases, Krishnamurthy, VIKAS
9. Beginning E-Commerce, Reynolds, SPD/WROX

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
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SESSIONAL

Paper: Specialization Project I (Animation Design)

Code: MVC281A

Contacts Hours / Week: 6P

Credits: 04

Content

Animation Theory & principles

Understanding of the evolution of animation- Precursors to animation: Cave paintings.

Studio animation, Feature animation

Understanding principles that translate sequential images into action to make animation believable

Personal films and expression

Principles of Timing

Creation of an animation toy for visual narrative

Suggested Readings:

1. A Reader in Animation Studies by Jayne Pilling.
2. The Animation Book: A Complete Guide to Animated Filmmaking from Flip - books by Kit Laybourne.
3. Enchanted Drawings: The History of Animation- Charles Solomon
4. The Illusion of Life – Essays on Animation, Edited by Alan Cholodenko, Power Publication in association with Australian Film Commission,
5. Disney Discourse – Producing the Magic Kingdom, Edited by Eric Smoodin, Routledge, London
6. Eisenstein on Disney, Edited by Jay Leyda, Seagull Books, Calcutta
7. Timing for Animation, by Harold Whitaker and John Halas, Focal Press
8. Preston Blair, Cartoon Animation, Walter Foster Publishing Inc
9. Graphic Storytelling, by Will Eisner, Poorhouse Press
10. Comics and Sequential Art, by Will Eisner, Poorhouse Press
11. Understanding Comics, by Scott McCloud, Perennial Currents
12. Comic Book Nation, by Bradford W. Wright, Johns Hopkins University Press
13. Exploring Drawing for Animation (Design Exploration Series), by Stephen Missal, Thomson Delmar Learning
14. The Animation Bible by Maureen Furniss

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
Effective For 2018-2019 Admission Session

Paper: Specialization Project I (Visual Design)

Code: MVC281B

Contacts Hours / Week: 6P

Credits: 04

Content

Visual Communication Principles and Theory: Understanding the evolution of visual communication- Cave paintings to modern digital emojis
Purpose of Visual communication. The Historical context.
Medium is the message: Unconventional use of mediums as visual communication.
Design principles and functional requirements.
Visual communication with unconventional use of medium

Suggested Readings:

1. Communication Design: Principles, Methods and Practice by Jorge Frascara. Allworth Press
2. Design paradigms: a sourcebook for creative visualization by Warren K Wake, D. Des. John Wiley & sons Inc.
3. Design thinking and visual communication by Gavin Ambrose. Fairchild Books
4. The Visual Communications Book: Using Words, Drawings and Whiteboards to Sell Big Ideas by Mark Edwards
5. Resonate: Present Visual Stories that Transform Audiences by Nancy Duarte. John Wiley & Sons
6. Visual Communication design by Jonathan Baldwin (Author), Lucienne Roberts. AVA Publishing

Paper: Design Project III (Technical drawing for Structural Representation)

Code: MVC282

Contacts Hours / Week: 6P

Credits: 04

Content

Understanding of Isometric structure of objects. 3 dimensional drawing and space creation.
Proportions and structures. Representation of 2D structure in 3d space, Basic Maya modeling, constructional modeling.

Suggested Readings:

1. Geometry of Design: Studies in Proportion and Composition, by Elam, Kimberly; Princeton Architectural Press
2. Principles of Form and Design, by Wong, Wucius; Wiley Publications
3. Order in Space by Keith Critchlow. Thames & Hudson
4. Isometric Drawings by Sol Lewitt. Paula Cooper Gallery
5. Understanding 3D Animation Using Maya by John Edgar Park
6. Beginner's Guide to Character Creation in Maya by Jahirul Amin and 3DTotal Publishing.
7. Mastering Autodesk Maya by Todd Palamar Eric Keller

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PRACTICAL

Paper: Understanding Digital Film making and sequential narrative

Code: MVC291

Contacts Hours / Week: 4P

Credits: 03

Content

Understanding Digital Film Making, Production, Camera, Shooting Strategies, Camera Movements, Steadicam, Sound Recording, Post Production, Lights and Sound. Animation as a story telling (narrative) medium Introduction to Pre-production, Developing Story, Script Writing for sequential narrative Visual Concepts, Character Exploration Storyboarding and basic animatic, Editing, Sound Design

Suggested Readings:

1. The Filmmaker's Handbook: A Comprehensive Guide for the Digital Age, by Ascher, Steven & Pincus, Edward, Plume
2. Our Films, Their Films, by Ray, Satyajit, Seagull Books Ltd
3. Film Directing Shot by Shot: Visualizing from Concept to Screen, by Katz, Steve, Michael
4. Wiese Productions
5. The DSLR Filmmaker's Handbook, by Andersson, Barry, Geyen, Janie L., John Wiley & Sons, Inc
6. Film, Form, and Culture, by Kolker, Robert, McGraw-Hill Inc
7. Animation from script to screen, by Shamus Culhane, St. Martin's Griffin
8. The Five C's of Cinematography: Motion Picture Filming Techniques, by Mascelli, Joseph V., Silman-James Press,

Paper: Digital design II

Code: MVC292

Contacts Hours / Week: 6P

Credits: 04

Content

Tools and techniques of the various software The use of the software for enhancing interactivity in communication
Module1 Advanced Photoshop: for visual creation
Module 2 After Effects: Image manipulation and interaction and motion graphics creation
Module3 Premier: Editing audio visuals

Suggested Readings:

1. The Art of 3D Computer Animation and Effects by Isaac Kerlow
2. Creating Motion Graphics with After Effects: Essential and Advanced Techniques, 5th Edition, Version CS5 by Chris Meyer and Trish Meyer.

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SEMESTER-III

Paper: Systems thinking

Code: MVC301

Contacts Hours / Week: 2L

Credits: 04

Content

Module 1

What is a Systems Thinking and its emergence
Definition of a System and different classes of systems
Systems Theory

Module 2

Basic principles of Systems thinking
Systems approach for design- Total systems objective, systems environment, resources of a system, components of a system, management of a system

Module 3

Systems thinking tools and Systems mapping
Systems perspective for design and the application of systems approach
Design case studies applying systems approach

Suggested Readings:

1. Thinking in Systems by Donella Meadows,
2. The Systems Thinking Playbook by Dennis Meadows,
3. Systems Thinking made Simple: New hope for Solving wicked Problems by Derek Cabrera,

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
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SESSIONAL

Paper: Industry Training*

Code: MVC381

Contacts Hours / Week: 14P

Credits: 06

Content

Credit break up

Office Training	2
Critical Appraisal	2
Documentation and Reporting	2

Paper: Design Specialization Project II (Animation Design)

Code: MVC382A

Contacts Hours / Week: 14P

Credits: 07

Content

Animation film for a Social project: Visual Narrative for Empathy (India Specific)

Suggested Readings:

1. Experimental Animation, Origins of a New Art by Robert Russett and Cecile Starr, A Da Capo
2. Richard Taylor, Encyclopedia of Animation Techniques, Book Sales, 2004
3. Clay Animation: American Highlights 1908 to Present, by Michael Frierson, Twayne Publishers,
4. The Complete Animation Course: The Principles, Practice, and Techniques of Successful Animation, by Chris Patmore; Barron's Educational Series
5. Gardner's Guide to Feature Animation Writing: The Writer's Road Map by Marilyn Webber, Garth Gardner Company
6. How to Write for Animation, by Jeffrey Scott, Overlook Press

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Paper: Design Specialization Project II (Visual Design)
Code: MVC382B
Contacts Hours / Week: 14P
Credits: 07

Content

Visual campaign for a Social project: Visual Narrative for Empathy (India Specific)

Suggested Reading

1. Design Thinking for the Greater Good – Innovation in the Social Sector by Jeanne Liedtka and Daisy Azer. Columbia Business School
2. Design Paradigms: a sourcebook for creative visualization by Warren K Wake. John Wiley and Sons
3. Design Thinking by Michael G Luchs, K Scott Swan, Abbie Griffin. Wiley

PRACTICAL

Paper: Digital Specialization (Digital Animation)
Code: MVC391A
Contacts Hours / Week: 14P
Credits: 07

Content

Tools and techniques of the various software The use of the software to explore and experiment in animation creation Digital Animation technique and process Flash Animation Advanced Maya Advanced After Effects VFX Basics
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Suggested Reading

1. Practical Art of Motion Picture Sound, by David Lewis Yewdall, Focal Press
2. Sound for Film and Television by Focal Press, 2001
3. References for Visual Form
4. The Art of Finding Nemo, by Mark Cotta Vaz, Cronicle Books
5. The Art of The Fellowship of the Rings, by Gary Russell, Houghton Mifflin
6. Graphic Storytelling, by Will Eisner, Poorhouse Press
7. Comics and Sequential Art, by Will Eisner, Poorhouse Press
8. Scott McCloud, Understanding Comics, Perennial Currents, 1994
9. Comic Book Nation, by Bradford W. Wright, Johns Hopkins University Press
10. Exploring Drawing for Animation by Stephen Missal, (Design Exploration Series), Thomson Delmar Learning
11. After Effects Apprentice: Real-World Skills for the Aspiring Motion Graphics Artist (Apprentice Series) by Trish Meyer and Chris Meyer
12. Compositing Visual Effects in After Effects: Essential Techniques by Lee Lanier

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
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Paper: Digital Specialization (Digital design VD)

Code: MVC391B

Contacts Hours / Week: 14P

Credits: 07

Content

Tools and techniques of the various software The use of the software to explore and experiment in web design creation. Interactivity and information design, Presentation and production and mediums of delivery Web Design: Dreamweaver, Advanced Flash and Coding Structure and design of web pages and sites Prepare images, audio and video for the web

Suggested Readings:

1. Communicating Design: Developing Web Site Documentation for Design and Planning by Donis A Dondis (Voices That Matter)
2. HTML & CSS: Design and build websites by John Ducket,
3. The principles of beautiful web Design by Jeason Beard,
4. Elements of user experience by Jesse James,
5. Implementing responsive design by Tim Kadlic,
6. The Adobe Photoshop CS6 Book for Digital Photographers by Scott Kelby
7. HTML and CSS: Design and Build Websites by Jon Duckett
8. Interactivity by design: creating and communicating with new media by Ray Kristof & Amy Satran, Adobe press

SYLLABUS for M. Sc. in VISUAL COMMUNICATION
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SEMESTER-IV

Paper: Design Management and Branding

Code: MVC401

Contacts Hours / Week: 3L+2P

Credits: 04

Content

Module 1 Introduction to design management. Design Thinking. Contextual inquiry
Module 2 Introduction to marketing and branding, brand positioning and the marketing mix Components of marketing mix. Methods of marketing Managing design for strategic advantage. Design and design management, Case study
Module 3 Integrated Marketing communication the role of visual communication Various channels, processes and mediums Visual merchandising and retail design for brand promotion

Suggested Readings:

1. Rapid Contextual Design, by Wendell J, Holtzblatt K, Wood S Morgan Kaufmann
2. Contextual Design: Defining Customer Centered Systems; by Beyer, Hugh; Holtzblatt, Karen; Morgan Kaufmann Publishers
3. 100 Design methods by Vijay Kumar,
4. Principles of marketing by Philip Kotler-
5. Ogilvy on Advertising by David Ogilvy-
6. Brand position: for strategic competitive advantage by Subrato SenGupta. Tata Mcgrow hill
7. Creating the perfect Design Brief by Peter L Phillips
8. Advertising and Promotion by Belch & Belch
9. Design management: a handbook of issues and methods by Mark Oakley. Basil Blackwell Inc

SYLLABUS for M. Sc. in VISUAL COMMUNICATION

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SESSIONAL

Paper: Design Documentation and Thesis#

Code: MVC481

Contacts Hours / Week: 2T+10P

Credits: 08

Content

Study and documentation of a traditional/indigenous visual form for pre-production and production of final project

Credit break up

Research of scenario study & observation	2
Critical Appraisal of study	1
Conceptualization	1
Documentation and Reporting: Process and details	2

Paper: Final Specialization Project

Code: MVC482

Contacts Hours / Week: 6T+18P

Credits: 12

Objectives:

To implement a strategic and creative design sensibilities through the development of a well-rounded visual communication campaign/Animation film design following Design processes

Content

Unit1 Ground Research to identify need and core area of theme Opportunity Identification. Design Brief setting
Unit2 Idea Generation and exploration and concept development
Unit3 Design execution and campaign finishing
Unit 4 Fully documented project report of process, exploration and execution with all supportive rational.

Credit break up

Research	2
Ideation, exploration and conceptualization	2
Design execution	2
Documentation and Reporting: Process and details	2
Viva and final presentation	4