



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in



DEPARTMENT OF VISUAL COMMUNICATION

7th August 2018

STUDENT CIRCULAR (2016 Batch)

REF:SIST/UG-VISCOM/ELECTIVE/ODD/2018-19

This is to inform that, the students to give their choice of one elective course for the V semester of the academic year 2018-2019 based on your area of interest. The courses are listed below:

S.No	Subject code	Subject Name
1	SVC4063	Television Production Lab
2	SVC4064	Commercial Photography
3	SVC4065	3 D Modeling & Special Effects
4	SVC4066	Video Editing
5	SVC4067	Film making
6	SVC4068	Audiography

Confirm the elective practical courses on or before 8th August 2018. Further changes of courses will not be entertained.

Ms. Nazini N
Head of the Department
Department of Visual Communication



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 /3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in



SVC4063	TELEVISION PRODUCTION LAB	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To encourage students to learn the techniques in filming and also asked to shoot a documentary / short film.

UNIT 1 COMPOSITION & FRAMING

9 Hrs.

Basic of shot composition - Framing effective shots - Purpose of good composition – 180 degree rule - Shooting basic movements pan & tilt.

Project : Basic Camera angles and Composition / duplicating scene from original scene.

UNIT 2 CAMERA & LIGHTING

9 Hrs.

Identifying camera and its parts/ White balance/ Microphone usage Lights - Type of lights - 3 point lighting - Color temperature - Light intensity -Lighting controls – Lamps – Filters – Snoots – Net – Cutter - Band doors - Lighting indoor and outdoor – Introduction to chroma key production followed by chroma key shoot

Project : Chromo key project

UNIT 3 PRODUCTION PROCESS

9 Hrs.

Different stage of programme production - idea stage - research, scripting, planning - preparation of story board, production board - all paper works - cue sheets, programme execution - set and costume selection, floor plan preparation - rehearsal, recording - Introduction to Ad film production.

Project : Ad film /Promotional Video/music video

UNIT 4 MULTI-CAMERA PRODUCTIONS

9 Hrs.

Essential of TV studio - Studio production - Principle of ENG, EFP – Multi camera set up – Scripting – How to Interview ?

Project : Cookery Show / Interviews / Breakfast Show

UNIT 5 TV PRODUCTION MANAGEMENT

9 Hrs.

Role of TV producer/director - TV production crew, technical and production - Duties and responsibilities

Projects : Documentary/Short film

TEXT / REFERENCE BOOKS

- Kris Malkiewicz Film Lighting, Prentice hall Press, 1986
- Joseph V Mascelli , The Five C's of Cinematography, Silman James press, 1998
- Yues Thoraval ,The Cinemas of India (1896-2000), Macmillan, India, 2000
- Hooper White , How to Produce Effective TV Commercials, NTC Business Books, 1994
- Vasuki Belavadi, Video Production, Oxford university press, 2008



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 /3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in



SVC4064	COMMERCIAL PHOTOGRAPHY	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To encourage students to capture different types of photos like fashion, industry, still life, architecture etc. and to acquire the art of lighting, composing in indoor & outdoor.

UNIT 1 INTRODUCTION TO COMMERCIAL PHOTOGRAPHY

9 Hrs.

Introduction - Why Commercial photography? - What is Commercial photography? - How to start Commercial photography - Commercial photography studio - Different types of Commercial photography - How to Get specialization.

Assignment: Expose 100 images on different types of photography.

UNIT 2 NEW TRENDS & TECHNIQUES

9 Hrs.

New trends and techniques in Digital imaging - Understanding the equipments - Latest lights - lighting - and Cameras - Different brands of camera - Different types of capturing softwares - Different types of image editing softwares.

Assignment: Expose 100 images on Still life with and without artificial lights.

UNIT 3 INTRODUCTION TO STILL LIFE PHOTOGRAPHY

9 Hrs.

Introduction to Still life Photography - Product photography - Lighting for products - cutout shot - product in small setup - product with big set up - product in location - product in use.

Assignment: Expose 100 images on Photography

UNIT 4 INTRODUCTION TO PEOPLE PHOTOGRAPHY

9 Hrs.

Introduction to people photography - Simple Portrait lighting - Portrait at location - Converting Portrait in to Fashion photography - Makeup - Styling - and posing for fashion - Fashion at Studio - fashion at location - Models - Model coordinators.

Assignment: Expose 100 images on portrait and Fashion photography.

UNIT 5 ARCHITECTURAL PHOTOGRAPHY

9 Hrs.

Introduction - Architectural photography - Industrial photography - Landscape - Nature photography - Fine Art photography - Live Demo at the execution of an commercial photography event – post production art of selling and promoting - billing

Assignment: Expose 100 images on other categories.

PROJECT OUTLINE

- Table top – Product alone, Product in setting, product in location,
- Fashion, Industrial still life,
- Portrait, wildlife, Nature, Architecture Photography.

TEXT / REFERENCE BOOKS

- Rick Souders ,The Art & Attitude of Commercial Photography ,Watson-Guptill, 2002.
- Robert Hirsch ,Light and Lens: Photography in the Digital Age , Elsevier ,2008.
- Ivan Hissey, Jerry Glenwright, Roger Pring ,Digital Photography Made Easy , Ilex Press, 2006
- Chris Weston, Nature Photography: Insider Secrets from the World's Top Digital Photography, Focal Press, 2008



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in



SVC4065	3D MODELING & SPECIAL EFFECTS	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To make students work with 3D tools so that they are competent enough to make 3 D models.

UNIT 1 ABOUT 3 DIMENSIONS

9 Hrs.

Introduction of CGI – Core Concepts of 3dimension – Animation Concepts & Methods – Coordinate Systems – 3D Production Workflow - 3 D Tools

UNIT 2 3D TOOL (AUTO DESK MAYA 2014)

9 Hrs.

An overview of Autodesk Maya Interface – Basic Autodesk Maya Term & Concepts – 3d Modeling Concepts & Techniques - Viewing and navigating 3D Space - Categories of objects – Transforming and Manipulation objects.

UNIT 3 MODELING & TEXTURING

9 Hrs.

View Port Mode - Creating Basic Modeling - Materials & UV Mapping - List of Materials & Arraying the objects.

UNIT 4 ANIMATION & LIGHTING

9 Hrs.

Hierarchy in Animation - Using track Editor, Curve Editor - Particle System - Space Warps – 3d Lighting Concepts – Common Light Parameters - Camera Setup & animating

UNIT 5 GAME DESIGN & SPECIAL EFFECTS

9 Hrs.

Basic Particle Effects - Introduction to 3d Gaming Design - Rendering Setup - Output Format in Autodesk Maya 2014

PROJECT OUTLINE

Students should submit along with Story Board Approval, Output File & Source file in CD / DVD.

- Story Board for Story min (1Min)
- Gaming Design
- Logo Ad
- Modeling
- Product Ad.

TEXT / REFERENCE BOOKS

- 1 Paul Naas, Autodesk Maya Publisher, John Wiley & Sons, 2014
- 2 Dariush Derakhshani, Introducing Autodesk Maya 2014: Autodesk Official Press, 31 May 2013

WEBSITES

1. <http://www.lynda.com/>, <http://www.thegnomonworkshop.com/>.
2. www.3dlinks.com,
3. www.total3d.com



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in



SVC4066	VIDEO EDITING	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To make students technically sound in the field of editing so that they are capable to edit footages.

UNIT 1 INTRODUCTION TO EDITING

9 Hrs.

Definition of editing – history – Functions of Editing – Editing principles – the role of Editor – Types of Editing – continuity – relational editing – parallel editing – Rhythmic editing – methods of editing – Online & Offline

Assignment : Short Film Review – Technical Details

UNIT 2 ANALOG TO DIGITAL CONVERSION

9 Hrs.

Working system of Video – Analog and digital conversion – Aspect ratio – Fire wire IEEE 1394 – S Video – Scanning – Interlaced & Progressive – Broadcast standards – component & Composite video – tape formats – codec – MPEG – Video file formats

Assignment : Different Types of Video Render (AVI, QT, VOB & Graphics File)

UNIT 3 METHODS OF EDITING

9 Hrs.

Film editing using NLE – Online & Offline clips – Time code – Capturing – Batch capture – resolution – logging – organizing bin – importing – time line – components – video and audio tracks – editing tools – Cut List

Assignment : Multilayer Video Production (Picture in Picture)

UNIT 4 ROUGH CUT TO FINAL CUT

9 Hrs.

Making rough cut – Drag & Drop – conventional editing – Insert & over record mode – sequence – Bin – Methods of Montage – adding tracks – working in trim mode – working with audio – Titles – working with titles

Assignment : Chroma Key video project

UNIT 5 SPECIAL EFFECTS & PRINT TO TAPE

9 Hrs.

Applying effects – Motion effects – Transition – Video filters – picture in picture – DVE effects – Blue screen – Chroma key – color correction – Lighting Effects – key frames – Audio editing – levels – quality – EDL export and import – Export to different formats

Assignment : Promo Video

Software : Final Cut Pro & Avid

PROJECT OUTLINE

- PSA & Commercial Advertisement – Model Exam
- Documentary & Short film – End Semester

TEXT / REFERENCE BOOKS

- Edward Dmytryk, On Film Editing, Focal Press, First Print, 2007
- Gerald Millerson, Video Production Handbook, Focal Press, 3rd Edition, 2006
- Jaime Fowler, Editing – Digital Film, Integrating Final Cut Pro, Avid and Media 100, Focal Press, 2001
- Karel Reisz and Gavin Millar, The Technique of Film Editing, Focal Press, 2nd Edition, 2010



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in



SVC4067	FILM MAKING	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- Students are encouraged to make short film, montage, continuity shots by learning lighting, editing and elements of film grammar.

UNIT 1 FILM STRUCTURE

9 Hrs.

Primitive filmic structures & propp's story functions, ending, beginning & turning point, types of scenes, pendulum of suspense, love stories: what keeps lovers apart? Rubber band theory of comedy, emotional truth, music & color, the story knot and the formula of fantasy, emotional engagement of a story

UNIT 2 FILM LANGUAGE

9 Hrs.

Film language as a system of visual communication- types of filmmaker, forms of film expression. Defining the basic tools- fiction & non-fiction film, elements of film grammar

UNIT 3 CAMERA TECHNIQUES

9 Hrs.

Camera angle, the triangle principle, twenty basic rules for camera movement, camera movement, close up, composition, continuity, using master shots to cover motions on the screen & editing the camera.

UNIT 4 LIGHTING TECHNIQUES

9 Hrs.

Lighting Equipment-Image manipulation, Strategy of lighting - Hard versus soft- light low key light-High key light, lighting a scene – controlling hard & soft light, lighting faces, lighting on location

UNIT 5 FILM EDITING

9 Hrs.

Cutting, Types of editing, visual punctuation, scene matching, parallel film editing, editing patterns for static dialogue, solving difficult editing situations.

PROJECT OUTLINE

- Script Writing
- continuity
- Montage
- Mise- en- scene
- Short Film making Duration - 10mins

Students have to submit the above mention projects in form of Thesis and DVD.

TEXT / REFERENCE BOOKS

- Daniel Arijon, Grammar of the film language, Silman-james press, 1979.
- Joshep V. Masiclli, The five C's of Cinematography, Silman-James Press, 1998.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in



SVC4068	AUDIOGRAPHY	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- Students are encouraged to mixing, dubbing, and also to arrange tracks. They are allowed to work on audio softwares so that they are technically sound.

UNIT 1 MICROPHONE TECHNIQUES

9 Hrs.

Microphone handling & Techniques- Cables and Connectors usage- Live Sound Recording with Cordless Microphone & Corded Microphone - Digital Sound Recording Practice

UNIT 2 AUDIO MIXER OVERVIEW

9 Hrs.

Basic Analog Audio Console overview and Operation

UNIT 3 MUSICAL RECORDING

9 Hrs.

Pre –Scouring- Pallavi I- Stanza II – Stanza III-Rhythms Arrangement- Voice Mixing for song

UNIT 4 LIVE SOUND RECORDING

9 Hrs.

Live Sound Recording- Playback/Song Shooting (Video Song Practice with sync)

UNIT 5 POST-PRODUCTION

9 Hrs.

Voice Dubbing- Voice Sync (Pre-Mix)- Effects Recording- BGM Adding-Recording -Final Mixing Mono – Stereo Mix

PROJECT OUTLINE

- Audio Mixing for Radio Production-Cinema Ad -Radio Ad – Commercial Product Ad.
- Audiography for Television Production – Single Camera Recording - Multi Camera Recording
- Dubbing for 2 Minutes shortfilm.
- Song Mixing practice

TEXT / REFERENCE BOOKS

- Robert McLeish , Radio production, 5th Edition, Elsevier, 2005
- John M .woram , The recording studio hand book, Sagamore Pub. Co., 1976
- Mike collins , Choosing and using audio and music software , Focal Press, 2004



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in



ELECTIVE LIST -BATCH [2018 - 2019]

S.No	Reg.No.	Name of the Student	Elective
1	3627001	AGNES SAHAYA NISHANTH. S	MULTIMEDIA
2	3627002	AKASH MARAN. V	VIDEO EDITING
3	3627003	ARCHAKAM PRASANTH SRINIVAS DEEKSHITULU	COMMERCIAL PHOTOGRAPHY
4	3627004	ARUL VINAYK. N. A	COMMERCIAL PHOTOGRAPHY
5	3627005	CHANDIRESH KUMAR. K	FILM MAKING
6	3627006	DEEPAK. V	AUDIOGRAPHY
7	3627007	DHAKSHIN RAGAV. G	FILM MAKING
8	3627008	GULNAJ KHAN	TELEVISION PRODUCTION
9	3627009	JEEVAGAN. S	VIDEO EDITING
10	3627010	JINCY VERGHESE. Y	VIDEO EDITING
11	3627011	KARTHIK. E	TELEVISION PRODUCTION
12	3627012	KARTHIK KARAN. T	FILM MAKING
13	3627013	KOTTE SRIVENKAT LOKESHWAR	COMMERCIAL PHOTOGRAPHY
14	3627014	MADHU MITHA. M. S	AUDIOGRAPHY
15	3627015	MOKIMA KHATUN	TELEVISION PRODUCTION
16	3627016	NANDHA KUMAR. A	AUDIOGRAPHY
17	3627017	PAUL AROCKIA FELIX RAJ	FILM MAKING
18	3627018	PAVANA KEERTHI. P. I	VIDEO EDITING
19	3627019	PAVITHRA. J	VIDEO EDITING
20	3627020	PREM KUMAR. S	FILM MAKING
21	3627021	PRIYADHARSANI. B	TELEVISION PRODUCTION
22	3627022	PRIYADHARSHINI. M	TELEVISION PRODUCTION
23	3627023	RAFEESH. S	VIDEO EDITING
24	3627024	RINA PAL	TELEVISION PRODUCTION
25	3627025	SABARMATHI. V	TELEVISION PRODUCTION
26	3627026	SAMYUKTHA. S	VIDEO EDITING
27	3627027	SARATH MOHAN	COMMERCIAL PHOTOGRAPHY
28	3627028	SHARAN ROY. S	COMMERCIAL PHOTOGRAPHY
29	3627029	SNEGA. V	TELEVISION PRODUCTION
30	3627030	SANNU SONKAR	TELEVISION PRODUCTION
31	3627031	SUDHARSAN. R	FILM MAKING
32	3627032	VENKATESH. R	FILM MAKING
33	3627033	VINAY ADITHYA. S	VIDEO EDITING
34	3627034	YESHWANTH. E	COMMERCIAL PHOTOGRAPHY
35	3627037	KARTHIK. S	COMMERCIAL PHOTOGRAPHY



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 /3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in



DEPARTMENT OF VISUAL COMMUNICATION

STUDENT CIRCULAR (2018 Batch)

REF:SIST/PG-VISCOM/ELECTIVE/ODD/2018-19

7th August 2018

This is to inform you that it is mandatory to select one area of specialization as an elective course for 3 semesters based on your area of interest. You can select any one of the following elective courses for the first semester and the rest of the semesters have the advanced level related to the selected courses.

S.No	Subject code	Subject Name
1	SVCE6507	Television Production I
2	SVCE6508	Multimedia & Web design
3	SVCE6509	Professional Photography
4	SVCE6510	Television Production II
5	SVCE6511	Digital Compositing
6	SVCE6512	Advertising Photography
7	SVCE6513	Television Production III
8	SVCE6514	3D Graphics & Animation
9	SVCE6515	Radio Production

Confirm the elective practical courses on or before 8th August 2018. Further changes of courses will not be entertained.

Ms. Nazini N
Head of the Department
Department of Visual Communication



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in



SVCE6507	TELEVISION PRODUCTION – I	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To expose students to various techniques in television production so that they learn and apply it in their field.

UNIT 1 WRITING FOR BROADCAST

9 Hrs.

Conversational writing – telling the story – writing for mass audience – no second chance – confusing clauses

– inverted sentences – plain english – familiar words – easy listening – make it interesting – contraction – rhythm

UNIT 2 NEWS WRITING

9 Hrs.

The news angle – Multi-angled stories – hard news formula – intro – Placing key words – feature openers – developing story – sign posting – line – last words – accuracy

UNIT 3 WRITING FOR DOCUMENTARY

9 Hrs.

Screen craft, – screen grammar – screen craft analysis – basic production – initial research – draft proposal – research leading up to the shoot – mission & Permissions – developing a crew – Preproduction meeting – preproduction check list

UNIT 4 TV SCRIPT WRITING

9 Hrs.

Writing script – cue – complement the pictures – writing to sound – keep detail to minimum – script layout – balancing words with pictures – using the library – field work

UNIT 5 WRITING FOR FILM

9 Hrs.

What to write – how to write – what you know so far – zen and the high art of getting the thing done – script development – what is the story about – find your plot & character – true stories and events – how are script developed – film story – film character – story treatment – art of confrontation – step outline – dialogue devices – the master scene script.

PROJECT OUTLINE: 100 Marks

Paper Works : Script Development

- Chroma Key indoor
- News / current Affairs Programmes
- Outdoor News gathering
- Event - Curtain raiser
- Multi camera set up
- Short film
- AD film
- Documentary

Students should submit the concept of the above TOPICS in script format.

COURSE OUTCOME:

CO1. To Understand Television writing techniques

CO2. To write effectively for television audience

CO3. To write for news bulletins and news story

CO4. To comprehend the techniques involved in documentary narration and execution

CO5. Identify different formats of scripts and treatment.

CO6. To do research, write script for Television programme, News content, Documentary and film



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.



Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in

TEXT / REFERENCE BOOKS

1. Andrew Boyd, Broadcast journalism : Techniques of Radio & TV News, 5th edition, Elsevier focal press, USA 2007
2. Michael Rabiger, Directing the documentary, fourth edition, Elsevier, focal press, USA, 2007
3. Viki king, How to write a movie in 21 days, 1st edition, Quill, harper Collins Publishers, 2001
4. David .K. Irving & Peter W. Rea, Producing & directing, the short film & video, 3rd edition, Focal press, 2006
5. Dwight V. Swain & Joye R. Swain, Film scriptwriting, 2nd edition, focal press, 1998.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.



Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in

SVCE6508	MULTIMEDIA AND WEB DESIGN	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To learn art of graphic design in web and tools using designing softwares

UNIT 1 INTRODUCTION

9 Hrs.

Multimedia - Soundcard, scanner, digital camera, multimedia files formats for text, audio, picture, video. WWW, Browser, URL, IP address, TCP/ IP basics. Principles of design and composition - Web pages, Hyperlinks, Web server, Planning a website-How to plan a website- importance of good web content, Structuring & site navigation, browser compatibility issues, domains and hosting. Web tools - FrontPage, Photoshop, Macromedia flash, Dream weaver (Brief study), Web programming platforms, .NET, Java, Dynamic and static websites. Trends in website design - Server side programming/ Client side programming, Desirable site elements, Developing a look, Testing the design, Knowing your audience.

UNIT 2 HTML/FRONTPAGE

9 Hrs.

Introduction - WEB publishing, HTML tag concept, URL, hyperlinks tags, Image basics, Presentation and layout, Text alignment, Tables, Table within table.

UNIT 3 DESIGNING USING HTML/FRONT PAGE

9 Hrs.

Lists - Ordered lists, Unordered lists, Types of order list and unordered list, Nested Lists. Frames - Frame set, Frame targeting. Horizontal splitting, Vertical splitting, HTML form - Input fields, Submit /reset button, Methods post/get. Style sheet - Setting background, Setting text color, Font, Border, Margin, Padding, List, List-item marker.

UNIT 4 DREAMWEAVER

9 Hrs.

Getting Started- Introducing Dreamweaver, Learning the interface, defining a local site, creating a website. Adding content to a site - Adding content, Controlling document, structure, Making lists, Adding horizontal rules, Adding special characters. Formatting with cascading style sheets- Formatting text, Introducing cascading style sheets, Creating styles, Exporting CSS rule definitions, Creating class styles, Attaching external style sheets, Creating advanced styles, Creating a new external style sheet, Displaying styles, Understanding cascading order and inheritance of styles, Creating internal styles with the property inspector

UNIT 5 WORKING WITH DREAMWEAVER

9 Hrs.

Working with Graphics-Using graphics on web pages, Placing graphics on the page, Modifying image properties, Editing images, Doing roundtrip editing with fireworks, Customizing the Insert bar, Adding Flash content, Adding Flash video. Navigating your site -Understanding site navigation, Linking to files in your site, Linking to sites..

PROJECT OUTLINE:

100 Marks

- Create database, using forms in HTML/XML
- Creation of Websites
- Create links and designing of webpage using dream weaver

Students should submit the project along with Output File & Source file in CD / DVD.

COURSE OUTCOME

CO-1 Understanding about basics of HTML

CO-2 Understanding about Web Designing software and interface

CO-3 Ability to create various designs with the help of a computer system.

CO-4 Ability to create basic Forms and web page through computer system.

CO-5 Ability to interpret web animation and Links

CO-6 Ability to create Designing of webpage

TEXT / REFERENCE BOOKS

1. Thomas A.Powell,The Complete Reference HTML Second Edition, 3rd edition,USA,2001
2. Joseph .W. Lowery ,DreamWeaver Bible , John Wiley & Sons, 2006.
3. Thomas Powell,The Complete Reference HTML Second Edition, Mcgraw-hill, 2010

WEBSITES

1. www.w3schools.com
2. www.htmlcodetutorial.com
3. www.echoecho.com



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in



SVCE6509	PROFESSIONAL PHOTOGRAPHY	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To motivate students to learn about the various functions of a camera and to incorporate them in various types of photography

UNIT 1 INTRODUCTION TO FUNCTIONS OF PHOTOGRAPHY

9 Hrs.

The equipments – camera, lenses, light meters, filters, flashes, and accessories. Digital Photography – Digital Camera Functions and techniques, computer aided application and creativity

UNIT 2 EXPOSURE TECHNIQUES

9 Hrs.

Understanding exposure and lighting techniques – indoor and outdoors.

UNIT 3 PHOTOJOURNALISM

9 Hrs.

Press photography & photojournalism - Shooting editorial, -news, photo feature and photo essays for press and media

UNIT 4 STILL LIFE PHOTOGRAPHY

9 Hrs.

Still Life / Table top – a detailed study - Artistic lighting for still life and product photography. Shooting transparent, highly reflective and high contrast products for promotional and advertising purposes.

UNIT 5 MACRO PHOTOGRAPHY

9 Hrs.

Macro Photography – outdoor and indoor subjects - extension tubes - flash extension cables, Ring flashes. - Night photography - Remote capture – Light painting – long exposures - Car trails.

COURSE OUTCOMES:

- CO1. To develop skills to handle professional Camera's and Lighting Equipment's
- CO2. Ability to expose and light properly for indoors and outdoors
- CO3. Ability to shoot and handle photo journalistic assignment
- CO4. To develop the technical skills to shoot macro photography
- CO5. To create Artistic setup and Backdrops for still life photography
- CO6. To explore in-depth photography techniques and handling.

PROJECT OUTLINE:

100 Marks

Photographs - 70 Marks
Viva - 30 Marks

TOPICS

1. Photojournalism
2. Still Life / Table top
3. Product photography
4. Macro Photography
5. Night photography
6. Landscape Photography
7. HDR images.

Note: Technical Details Should be there for all the Photographs.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in



TEXT / REFERENCE BOOKS

1. Paul Harcourt davis, close up and macro photography, Davidand Charles , devon, Uk 1998.
2. Mitchell Bearley , john hedgeese's new introductory photography course , reed consumer books Ltd, London, 1998.
3. Michael Langford, Basic photography, Focal press, London, 1986.
4. Michael Langford, Advanced photography, focal press , London 1986.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in



SVCE6510	TELEVISION PRODUCTION II	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To conduct indoor shoots with various techniques involved in film making.

UNIT 1 TOPIC/THEMES

9 Hrs.

Topic/theme based programme

UNIT 2 CURRENT AFFAIRS

9 Hrs.

Current affairs type programme

UNIT 3 MAGAZINE PROGRAMMES

9 Hrs.

Magazine Programme (current film release)

UNIT 4 DRAMA

9 Hrs.

Drama Practical (simple drama exercise) and Quiz programme.

UNIT 5 LIVE SHOWS

9 Hrs.

Mime type programme and Studio Live (a live studio exercise)

PROJECT OUTLINE

100 Marks

COURSE OUTCOME:

CO1. To Understand Indoor production techniques

CO2. To create chroma key projects

CO3. To apply the techniques involved in news and current affairs production

CO4. To comprehend the techniques involved in magazine programs

CO5. To understand the multi camera set up and its importance in indoor production

CO6. To execute the procedures involved in live camera set up

INDOOR PROJECTS

- Chromo Key
- News & Current Affairs
- Events - Curtain Raiser
- Multi camera Production

Students should submit along with Story Board Approval, Output File & Source file in CD / DVD.

TEXT / REFERENCE BOOKS

- Zettle Herbert, Television Production Handbook, Wordsworth Publishing Co., California, 1984.
- Gerald Millerson, Television Production, Focal Press, UK, 1998.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in



3. Andy Stamp, The television Programme, Sheffield Media Association, Sheffield, 1987.
4. David Self, Television Drama: An Introduction, Macmillan, Basing stroke, 1984
5. Kathy Chaters, The Television Researcher's Guide, BBC Television Training, London, 1992.
6. William Charles, Screenwriting for Narrative Film and Television, Hastings House, 1980



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.



Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in

SVCE6511	DIGITAL COMPOSITING	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To teach the various forms of compositing through hands-on experience so that students learn the techniques, colour correction on compositing

UNIT 1 BASICS OF COLORS, FORMATS, TRANSITIONS

9 Hrs.

Resolution, color separation, packing it, file formats, video and film, image quality, component separation, sampling, compression, film scanners, channels, mattes, filters, geometric transformations or transforms, digital fusion interface, compositing with alpha channel, luma keying, chroma keying, experimenting with filters, animating a setting, animating and masking a dissolve, flip transform, pan transform and credit scroll and main titles.

UNIT 2 SCREEN CORRECTION AND ROTOSCOPING

9 Hrs.

4:2:2 YUV sampling correction, screen correction, aura and screen correction, effect and screen correction, shake and screen correction, cleaning up film, digital compositing plug-ins, z big, rig removal with an effect mask, rotoscoping and time shifting a clean plate.

UNIT 3 VISUAL EFFECTS

9 Hrs.

Visual Effects, Description, Types, Particles, Analysis, Size, Sand Effects, Smoke Effects, Fire Effects, Cloud Effects, Snow Effects, Fluid Effects, Colouring, designing Clouds Background, Designing Fog Effects, Explosion Effects, Fire Effects with flames, Space Effects and designs- Designing Thick Smoke

UNIT 4 DESIGNING EFFECTS

9 Hrs.

Designing Paint Effects, Colouring paints, Designing Trees and green effects, Designing Weather and seasons, Effects on seasons, Designing Glass image, Designing Different glass reflection, Designing Glow Effects, Liquid Effects and Reflection design

UNIT 5 COMPOSITING

9 Hrs.

Animation: 2D transformation, 3D transformation; Match Move, Motion Tracking; Keyframe Animation, Warps, Morphs; Articulated Rotos, Interpolation; Scene Salvage; Wire Removal, Rig Removal, Hair Removal, Light Leaks Stereo compositing; CGI Compositing: Depth Compositing, Premultiply and unpremultiply, Multipass CGI Compositing, HDR Images, 3D compositing; Blending: Blending operations(image blending operations), Adobe Photoshop blending modes; Slot gags.

PROJECT OUTLINE:

100 Marks

- compositing techniques for single images, compositing techniques for image sequences
- keying, color correction, match-moving, rotoscoping

Student should submit the project which is given to them along with output file & source file in CD /DVD

Course Outcome

CO1. Understanding about basics of Compositing

CO2. Understanding of composition and interface

CO3. Understanding about compositing software and interface



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.



Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in

CO4. Ability to create basic composition through computer system.

CO5. Ability to interpret digital compositing

CO6. Ability to create composition, colour correction

TEXT / REFERENCE BOOKS

1. Doug Kelly, "Digital Compositing in Depth" Coriolis Publication, (2003)
2. Steve Wright, "Digital Compositing for Film and Video" Focal Press, (2001)
3. Angie Taylor, "Creative After Effects 5.0" Focal Press, (2002)



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.



Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in

SVCE6512	ADVERTISING PHOTOGRAPHY	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To expose students to the field of advertising photography in which they are trained to shoot images for different forms of advertising.

UNIT 1 COPY & ILLUSTRATIONS

9 Hrs.

Advertising – Visualizing – copy and illustrations – use of drawing and photographs

UNIT 2 CONCEPT DEVELOPMENT

9 Hrs.

Conceptual photography – Developing ideas and producing conceptualizing photographs. Understanding photography as a Fine Art.

UNIT 3 LOCATION

9 Hrs.

Location photography - Panorama – HDR – perspective correction

UNIT 4 EVENT PHOTOGRAPHY

9 Hrs.

Contemporary Wedding/Event photography – the new trend in shooting weddings in a photojournalistic style

UNIT 5 FASHION PHOTOGRAPHY

9 Hrs.

Fashion photography – studio and location, editorial, advertising, beauty and portrait.

PROJECT OUTLINE:

100 Marks

Photographs - 70 Marks
Viva - 30 Marks

COURSE OUTCOMES:

- CO1. To understand and develop good Advertising and Visualizer work process
- CO2. Ability to create new concepts and ideas for Advertising through photography
- CO3. Ability to shoot in different location and atmospheric situation
- CO4. To develop good skills to handle Wedding, Corporate & Event Photography
- CO5. To develop managing skills to handle the equipment's in outdoor shoots
- CO6. Ability to shoot Studio and location based fashion photography

TOPICS

- Conceptual Photography
- Product photography
- Fashion Photography
- Food photography
- Panoramic - Landscape Photography
- Architecture - HDR images
- Digital manipulated images
- Event photography



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in



Note: Technical Details Should be there for all the Photographs.

TEXT / REFERENCE BOOKS

1. Dave sounders, Professional Advertising Photography, Merchurst Press, london1988
2. Roger Hicks, Practical Photography, Cassell, London 1996
3. Julian calder and john Garrett, The 35mm Photographer's Handbook, Pan books, London 1999
4. Julie Adair King, Digital Photography for Dummies, COMDEX, New delhi 1998



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in



SVCE6513	TELEVISION PRODUCTION -III	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To give hands-on training to students so that they can shoot news, advertisements, short films and documentaries.

UNIT 1 DOCUMENTARY FILMING

9 Hrs.

Documentary Filming and Directing Telefilm.

UNIT 2 POPULAR MUSIC

9 Hrs.

Popular Music practical (Music and art type program).

UNIT 3 MAGAZINE PROGRAMME

9 Hrs.

Magazine type programme on travel / holidays.

UNIT 4 SINGLE CAMERA

9 Hrs.

Single Camera continuity (on site).

UNIT 5 CAPTION EXERCISE

9 Hrs.

Caption Exercise on fashion and city round – up practical.

PROJECT OUTLINE:

100 Marks

OUTDOOR

- News gathering
- Multi camera setup
- AD Film
- Short Film
- Documentary

Students should submit the project along with Output File & Source file in CD / DVD.

COURSE OUTCOME:

CO1. To Understand outdoor production techniques

CO2. To do research for documentary film

CO3. To apply the techniques involved in musical program

CO4. To comprehend the techniques involved in magazine programs like travel and holidays

CO5. To understand the single camera set up and its importance in outdoor production

CO6. To execute the procedures involved in electronic field production

TEXT / REFERENCE BOOKS

- P. Jarvis, Shooting on Location, BBC Television Training, Borchamwood, 1986.
- Linda Seger, The Art of Adaptation: Turning Fact and Fiction into Film, Holt, 1992.

3. Michael Rabiger, *Directing the Documentary*, Focal Press. Boston 1997.
4. P. Lewis, *Arigh Royal Do: The Making of an Outside Broadcast*, BBC Television Training, Borehamwood, 1991.
5. P. Champness, *Camera Mounting for Film and Video on Location*, BBC Television Training, Borehmwood 1987.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in



SVCE6514	3D GRAPHICS & ANIMATION	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To help students create models and animate using softwares.

UNIT 1 PRE-PRODUCTION

9 Hrs.

Pre-production – Storyboarding - Aesthetics of Film-Making

UNIT 2 CHARACTER ANIMATION

9 Hrs.

Character Animation - 3D Character Development - Rigging & Character Set-up

UNIT 3 DIGITAL PAINTING

9 Hrs.

Digital Painting- Matte Painting- BG Modeling and Surfacing - Character Set-up & Skinning

UNIT 4 LIGHTING & RENDERING

9 Hrs.

Texturing & Look Development- Lighting & Rendering - Particle Dynamics - Stop-Motion

UNIT 5 DIGITAL DESIGN

9 Hrs.

Digital Design - Video Editing - Sound Editing - 3D Design & Modeling - Digital Sculpting - Fluid, Hair & Cloth FX - Character Animation - Visual Effects - Composition

PROJECT OUTLINE:

100 Marks

OUTDOOR

- Character design:
- Realistic / Fantasy
- Modeling
- Texturing
- Rigging
- Animation
- Matte Painting
- Set Design (Modeling /Texturing)

Students should submit the project along with Output File & Source file in CD / DVD.

Course Outcome

CO-1 Understanding about basics of 3D animation and Special Effects

CO-2 Understanding of 3D modelling and interface

CO-3 Understanding about 3D animation software and interface

CO-4 Ability to create basic 3D animation through computer system.

CO-5 Ability to interpret 3D model and 3D animation

CO-6 Ability to create Story Board, Gaming Design, Logo Ad, Modelling, Product Ad



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.



Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in

TEXT / REFERENCE BOOKS

1. Micheal O'Rourke. Principles of 3D Computer Animation: Modeling, Rendering and Animation with 3D Computer Graphics. Norton, 1998.
2. Rogers David, Animation: Master- A Complete Guide(Graphics Series), Charles River Media, Rockland, USA, 2006.
3. Tom Bancroft, Creating Characters with Personality: For Film, TV, Animation, Video Games and Graphics Novels, Watson- Guptill Publications, New York, 2006
4. Bill Fleming. 3D Modeling and Surfacing. Academic Press, 1999.
5. Michael O'Rourke, Principles of Three-dimensional Computer Animation: Modeling, Rendering, and Animating with 3D Computer Graphics, Norton, 2003.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344

www.sathyabama.ac.in



SVCE6515	RADIO PRODUCTION	L	T	P	Credits	Total Marks
		0	0	10	5	100

COURSE OBJECTIVE

- To train students to produce their own radio programmes so that their skills are developed.

UNIT 1 MICROPHONE TECHNIQUES

9 Hrs.

Microphone handling & Techniques- Cables and Connectors usage- Live Sound Recording with Shotgun Microphone.

UNIT 2 AUDIO MIXER OVERVIEW

9 Hrs.

Basic Analog Audio Console overview and Operation

UNIT 3 RADIO PROGRAMME - PRODUCTION

9 Hrs.

Elements Of Radio Production - Writing for Radio - Stages of radio production -Pre-Production –Production – Post Production

UNIT 4 RADIO JOCKEY & PRODUCER

9 Hrs.

Nature Job of RJ - Qualities of a radio producer- Radio News Reading Methods –Traditional FM Radio Production

UNIT 5 RADIO PROGRAMMES

9 Hrs.

Voice Over for New Articles - Radio Documentary – Radio Advertising -Voice Sync (Pre-Mix)- Effects Recording- BGM Adding.

PROJECT OUTLINE :

100 Marks

- Audio Mixing for Radio Production-Cinema Ad -Radio Ad – Commercial Product Ad.
- Radio Production for 5 Minutes Project

Course outcomes:

CO1: Understand the Basic sound Wave and Different range of Various Musical Instruments.

CO2: Interpret and demonstrate the microphone Handling Techniques.

CO3: Analyse the basic sound Design for visuals and Professional films.

CO4: Create and recreate the sound effects for different videos.

CO5: Demonstrate the basic analogue audio mixing Console.

CO6: Combine karaoke audio tracks with voice and premixing.

TEXT / REFERENCE BOOKS

- Robert McLeish, Radio Production, Fifth Edition, CRC Press, 2012.
- Tomlinson Holman, Surround Sound: Up and Running, Second edition, CRC Press, 2012.
- David Milles Huber, Modern Recording Techniques, Sixth edition, focal Press, 2005.



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.



Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in

Elective List Batch (2018-19)

NAME (WITH INITIAL)	TELEVISION PRODUCTION
ANNISHA	
NATHAN	PHOTOGRAPHY
ARUNA R	TELEVISION PRODUCTION
ASHWATH R	PHOTOGRAPHY
GAYATRI KUMARI	MULTIMEDIA
HARI GANESH V	PHOTOGRAPHY
JERIN J	TELEVISION PRODUCTION
KOKILA C	MULTIMEDIA
MONIKA SAI S	TELEVISION PRODUCTION
SOORIYA PRABA Y M	MULTIMEDIA
SWAATHI RM	MULTIMEDIA
VANATHI NR	TELEVISION PRODUCTION
VINODH A	PHOTOGRAPHY
DEEPIKA K	MULTIMEDIA