



Digital Photography 2022-23

Department of Physics & Electronics

Course Description, Course Objectives and Syllabus

Course Description:

Digital Photography is a one semester program offered by the Department of Physics & Electronics as an Inter-Disciplinary Course.

- Students of III year Undergraduate program can opt for this Course in the fifth/sixth semester.

Course Objectives:

- Understand the basics of Photography
- Understand technical and aesthetic differences between traditional and digital photography.
- Make informed choices about composition when photographing and editing digital images.

Syllabus:

Unit I

Basics of photography – Principles – functions - camera structure – Types of film, Human Eye and Camera, Visual Perception, Understanding film and paper photography, learning about the digital revolution, Advantages and disadvantages of digital photography, Computers as photographic tools

Unit II

Camera parts & functions - Shutter speed, - Aperture – depth of field - Lens selection- wide angle, telephoto, zoom lens, prime lens- Tripod usage ,ISO how it affect exposure function - Depth of the field - Creative uses – manual mode- Auto mode- Types of angles and frames.

Unit III

Introduction to computer – Downloading images from Digital camera – image formats, Editing Photos - Installation Photoshop software

Unit IV

Photoshop Software

Introduction and features – Masking, Image framing, Cloning, Photo repairing



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Practical Sessions:

- Basic camera operation such as holding the camera firmly, setting exposures manually, focusing correctly and composing a picture, releasing the shutter gently
- Effects of different exposure setting in the same light condition.
- Effects of different shutter speeds and apertures.
- Photograph a subject of interest using different shooting modes to see how that affects the images (10 final images)
- Practice shooting portraits using different lighting techniques
- Exercises on Image Editing using Photoshop

Recommended Textbooks:

1. The Textbook of Digital Photography – Dennis P. Curtin
2. Shoot Like a Pro! Digital Photography Techniques – Julie Adair King
3. Absolute Beginner's Guide to Digital Photography – Joseph Ciaglia, Barbara London, John Upton
4. Basic Photography using a Digital Camera – JongPil Cheon
5. The Digital Photography Book – Scott Kelby
6. Digital Photography : Basic skills for the beginner – by Jirr
7. Photoshop – Techmedia, New Delhi, Carala Rose



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No. of Students enrolled:47

Department Course Coordinator: Mrs. W. Jaya Selva Vinitha

Resource Person: Mr. Saurabh Chatterjee, SIA Photography, <https://siaphotography.in/>

List of Students:

S.No.	Hall Ticket Number	Name of the Student	Program	Combination
1	120420111003	Leena Rayees Ahmed	BA	EPP
2	120420111021	Sangeetha	BA	EPP
3	120420130021	Sama Ali Khan	BA	PEP
4	120420130024	Sukaina Noorani	BA	PEP
5	120420130039	Vangala sowmya	BA	PEP
6	120420146015	MARWA FATIMA	BA	JLP
7	120420156003	Lingam Monisha	BA	HPP
8	120420258022	Misbah fatima	BA	HLP
9	120420263025	Syeda Yumna Tayyiba	BA	PLP
10	120420263028	Maimoona Batool	BA	PLP
11	120420263033	Ayesha Godil	BA	PLP
12	120420263038	Maryum Fatima	BA	PLP
13	120420402018	Sara irfan Saifuddin	B.Com	COMPUTER APPLICATIONS
14	120420402056	Buneshree choudary	B.Com	COMPUTER APPLICATIONS
15	120420402066	G Keerthana	B.Com	COMPUTER APPLICATIONS
16	120420402076	Sheema Hameed	B.Com	COMPUTER APPLICATIONS
17	120420402086	Dacari Mounika	B.Com	COMPUTER APPLICATIONS

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18	120420402093	K.kavya	B.Com	COMPUTER APPLICATION S
19	120420402094	Neha Babde	B.Com	COMPUTER APPLICATION S
20	120420402102	BONAGIRI SNEHA PRIYA	B.Com	COMPUTER APPLICATION S
21	120420457005	Heba Naaz	B.Sc (Life Sciences)	MCZ
22	120420457012	Noorain Fatima	B.Sc (Life Sciences)	MCZ
23	120420457026	Aparna	B.Sc (Life Sciences)	MCZ
24	120420588034	Ifra maheen	B.Sc (Life Sciences)	NCB
25	120420468001	Sreeja	B.Sc (Physical Sciences)	MPCS
26	120420468004	Kistangari Dharani	B.Sc (Physical Sciences)	MPCS
27	120420468011	A.Sravanthi	B.Sc (Physical Sciences)	MPCS
28	120420468013	M.snehalatha	B.Sc (Physical Sciences)	MPCS
29	120420468017	Radhika Saxena	B.Sc (Physical Sciences)	MPCS
30	120420468023	G. Prashanthi	B.Sc (Physical Sciences)	MPCS
31	120420468034	B. Sravani	B.Sc (Physical Sciences)	MPCS
32	120420468036	M Deepthi	B.Sc (Physical Sciences)	MPCS
33	120420468041	Wasifa kanooz	B.Sc (Physical Sciences)	MPCS
34	120420468042	Bantupakiri Sirisha	B.Sc (Physical Sciences)	MPCS
35	120420468043	B JYOTHI	B.Sc (Physical Sciences)	MPCS
36	120420468046	ALIYA IRAM	B.Sc (Physical Sciences)	MPCS
37	120420468050	Tanisha subba	B.Sc (Physical Sciences)	MPCS

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38	120420474007	R. Varalika	B.Sc (Physical Sciences)	MECS
39	120420474030	Bandreddy Sai Sindhura	B.Sc (Physical Sciences)	MECS
40	120420474034	Srividya	B.Sc (Physical Sciences)	MECS
41	120420474043	Siona Blessy	B.Sc (Physical Sciences)	MECS
42	120420539003	G.Divya	B.Sc (Physical Sciences)	MSDS
43	120420539022	Beulah blessy	B.Sc (Physical Sciences)	MSDS
44	120420539026	Mamdekar shailaja	B.Sc (Physical Sciences)	MSDS
45	120420539029	A. Abhishitha	B.Sc (Physical Sciences)	MSDS
46	120420684044	Samia banu	BBA	BBA
47	120420684053	MOUNIKA SINGADE	BBA	BBA



Assessment

Internal Assessment: 15 marks: Attendance and assignments given

End Semester Exam: 35 marks: Project on old and new pictures of various prominent places in Hyderabad (15 marks)+ A test (MCQs) (35 marks)

Photobooth by Digital Photography Students on Fresher's Party

Sheema Hameed, BCom CA and Sumaiyya Baig arranged a photobooth based on the theme of Fresher's party in the college quadrangle, as part of Ann-Pixels Photography Club activity. A number of faculty and students had their photos clicked. This was a great way for the students to learn practically and also a means of "earn while you learn"

Fresher's Party, 20th October 2022
 PHOTOBOOTH
 "Ann-Pixels Photography Club"

S. No.	Batch	Name	ID No.	Phone No.	Paid	Unpaid
1	R	Aditya		9171511211	50	
2	R	Aditya		9171511211	50	
3	R	Aditya		9171511211	50	
4	R	Aditya		9171511211	50	
5	R	Aditya		9171511211	50	
6	R	Aditya		9171511211	50	
7	R	Aditya		9171511211	50	
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Feedback

Name: Syeda Yumna

HTNo. 120420263025

Group: BA-PLP

Feedback: Good evening sir and ma'am , it was genuinely a pleasure to attend the classes and know more about photography, the classes were very informative even though it wasn't offline we could understand it very nicely because of Sir. We also got to show our photography skills to ma'am and Sir who is a very influential and famous photographer that was an honour. I'd like to thank Jaya ma'am and our college for giving us this opportunity to learn more about photography.

Name:Sreeja

HTNo: 120420468001

Group:BSC MPCs

Feedback: the course was very helpful and learned a lot from it. The content is well organised and focused on practical situations.. I love the way it is designed, delivered. I learned a lot even it is a short course but very informative. Thankyou sir for teaching this course and thankyou Jaya mam for giving this opportunity.

Name: G. Aparna

HTNo:120420457026

Group:Bsc MCZ

Feedback: I really enjoyed learning photography in a very detailed manner and we are really very thankful for ssaurabh sir and jaya ma'am

Name*: Sukaina Noorani

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HT.no: 120420130024

Group: B.A (PEP)

Feedback: The classes were really interactive. All the techniques and details were easily able to understand. We learned how to take a perfect picture by sir. Thankyou so much sir for explaining us everything clearly in classes and letting us know more about digital photography.

The main advantage for taking digital photography was that the classes were online and inspite being online the classes were interactive and productive.

Every class was really intresting. We enjoyed while taking pictures.

Thank you Saurabh sir and Jaya ma'am. 😊

Name: R. Varalika

Hall ticket no.: 120420474007

Group: [B.SC](#) MECS

Feedback: This course was very interesting and informative for me. I could never think that every angle in a picture could tell a story. Thank you sir for teaching us everything with care and patience. Also I thank physics and electronics department for providing such interesting course, Thank you Jaya ma'am for constantly sharing information about the course.