



FATIMA COLLEGE

(Autonomous)

Affiliated to Madurai Kamaraj University
Re-Accredited with 'A++' by NAAC (Cycle - IV)
Mary Land, Madurai - 625 018, Tamil Nadu

DEPARTMENT OF INFORMATION TECHNOLOGY Animation Using Scratch - 19UGVAI1



FATIMA COLLEGE (AUTONOMOUS), MADURAI B.Sc. INFORMATION TECHNOLOGY

CRASH COURSE ON

ANIMATION SOFTWARE USING SCRATCH

AFTER THE COURSE:|

- EFFICIENT ANIMATOR
- IMPROVES CREATIVITY SKILL
- POSITIVE PEER INTERACTION
- DEVELOPING TECHNICAL SKILL



**COURSE
FEE: RS
750**





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DEPARTMENT OF INFORMATION TECHNOLOGY

CRASH COURSE ON – ANIMATION SOFTWARE USING SCRATCH

COURSE DESCRIPTION

This course introduces animation design and graphics techniques using Scratch.

COURSE OBJECTIVE/S

To facilitate the student to understand the concepts using program to develop games, stories, and animations using hands-on examples to make them thinking and tinkering.

COURSE OUTCOMES (CO)

No.	Course Outcome	Knowledge Level(According to Bloom's Taxonomy)
CO 1	Provides an overview of Scratch and its features.	K1
CO 2	Guides us through the installation of Scratch on Windows also helps you run the Scratch programming environment.	K2
CO 3	Explores the Scratch interface and allows us to create some simple scripts that demonstrate how easily we can build a project.	K2
CO 4	How to create an animated birthday card and a slideshow of our favourite photos.	K3
CO 5	Develop various Code projects on Scratch	K5

Unit I: Introduction to Scratch:



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What is Scratch? - Programming concepts – Installation of scratch - Run Scratch from flash drive - Integrate Scratch with the PortableApps.com suite - Troubleshooting - Limitations

Unit II: Start Scratching:

The interface at a glance Time for action – first step - Basics of a Scratch project - We're all actors on Scratch's stage - save your work - **Set the cat in motion-** a big step - Coordinating a sprite's location - Double-click control - Time for action – in motion forever **Add sprites to the stage** - Get new sprites - Browse Scratch's projects - Costume versus background

Unit III: Graphics & Slide Shows:

Interface design - Set the stage – paint the stage - Adding gradients -Sprite costumes – address the card - Working with sprites - Animating the card – hide all sprites – Graphical transformations.

Unit IV: Build a photo slideshow:

Insert a title screen - Import photos from disk - Image formats - Working with images - Resize images - How to measure images – flip through the photos - Building audience participation.

Unit V: Scratch Code Projects:

Ghost Busters – Rock band – Lost in space – Cat boat – paint box – Boat in race – Memory game – Brain game – Create your own world

Text Book: Scratch1.4 Beginners Guide – Learn to program while creating interactive stories , games and multimedia projects using Scratch – by Michael Badger – PACKT publishing, Mumbai.

WEB REFERENCES:

- <http://scratch.mit.edu>
[www. https://codeclub.org](https://codeclub.org) > .



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ATTENDANCE :

வகுப்பு : II, IT		SUB: ANIMATION SOFTWARE USING SCRATCH												வருகைப் பதிவேடு																			
வரிசை எண்	பெயர்	பெயர்	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.	Abinaya P		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
2.	Alana Basu V		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
3.	Anbu Asha S.B		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
4.	Angel S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
5.	Ani Lydie X		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
6.	Archana C		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
7.	Blasani M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
8.	Booma Devi M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
9.	Dayana A		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
10.	Elasmani R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
11.	Elasmani T		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
12.	Haniff S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
13.	Hema Elashini R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
14.	Hemadriya V		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
15.	Hemalatha R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
16.	Jayalaxmi K		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
17.	Jiji Jessica A		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
18.	Jemima Just J		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
19.	Jenitha B		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
20.	Karthigadevi S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
21.	Lalitha R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
22.	Laranya M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
23.	Laranya S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
24.	Leelanadella R.P		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
25.	Madhumitha R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
26.	Madulakshmi K		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
27.	Marina Antonia Nayella A		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
28.	Muthu Blasani M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
29.	Nadammai S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
30.	Narany J		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
31.	Pavithra S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
32.	Pritha Elashini B		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
33.	Prasanna Elashini S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
34.	Rajakumari M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/															



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வகுப்பு : D.T		SUB ANIMATION SOFTWARE USING SCRATCH		மாணவர்		வருகைப் பதிவேடு		2023-24ஆண்டு																										
வரிசை எண்	புதிது எண்	பெயர்	1 10/10	2 10/10	3 10/10	4 10/10	5 10/10	6 10/10	7 10/10	8 10/10	9 10/10	10 10/10	11 10/10	12 10/10	13 10/10	14 10/10	15 10/10	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	வருகை நாட்கள்
41		Srinithi V.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/																	
42		Thasani S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/																	
43		Varshini N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/																	
44		Jasani S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/																	
Checked by B.P.P. 10/2/24 (Dr. R. Smeeta Mary)																																		

Signature of HOD

Head of the Department
Department of Information Technology,
Fatima College (Autonomous), Madurai.