



VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

An ISO 9001:2015 Certified Institute, Approved by AICTE, Affiliated to JNTU Kakinada, AP

Phone: 0866-2844444, Email: vijayatechfw@gmail.com Website: www.vitw.edu.in

College Code: NP, Enikepadu, Vijayawada-521108



Date: 02nd August 2024

CIRCULAR

This is to inform II and III B.Tech Information Technology students that a one week Workshop on “Game Design Using Build Box” certification course will be held from 7th August 2024 to 13th August 2024. This is being organized by the Department of Information Technology in association with Andhra Pradesh State Skill Development Corporation. Hence, all the II and III B.Tech Information Technology students are directed to attend the workshop regularly without fail.

Venue: Simulation lab (CSE Lab II), First Floor.

Time: 9:30A.M onwards

RESOURCE PERSON:

Mrs. Y. REVATHI DEVI,

Trainer,

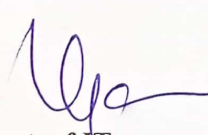
Andhra Pradesh State Skill Development Corporation.

COORDINATOR:

Ms. Md. Nourien

Assistant professor,

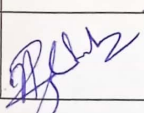
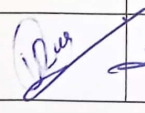
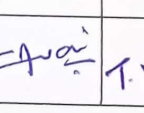
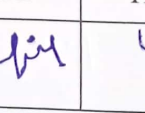
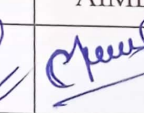
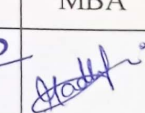
Department of Information Technology.


HoD Dept. of IT

Copy to:

1. The Secretary, SRK Foundation.
2. All the department Heads.


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ENIKEPADU, VIJAYAWADA-521108

Department	FED	CSE	DS	ECE	IT	AIML	MBA
Signature of the HoD							

3. Notice Board.





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LIST OF REGISTERED STUDENTS

Academic Year: 2024-2025

Date: 07-08-2024 to 13-08-2024

Name of the Workshop: "GAME DESIGN USING BUILD BOX".

S. No	Roll Number	Name Of the Student	Year/Branch	Signature
1	23NP1A1201	Afsa Nazneen	II/IT	Afsa Nazneen
2	23NP1A1202	A.Veena	II/IT	A. Veena
3	23NP1A1203	Bande Deckshitha	II/IT	Deckshitha B
4	23NP1A1204	Bellamkonda Sruji	II/IT	B. Sruji
5	23NP1A1205	B.Vasanthi	II/IT	B. Vasanthi
6	23NP1A1206	Ch. Gnana sanjana	II/IT	CH. Sanja
7	23NP1A1207	Ch.Anuradha	II/IT	Ch. Anuradha
8	23NP1A1208	G.kanaka Durga Bhavani	II/IT	G. Bhavani
9	23NP1A1210	G.Naga maha lakshmi	II/IT	G. Naga maha lakshmi
10	23NP1A1211	I.Rakshitha	II/IT	I. Rakshitha
11	23NP1A1212	A.Asha Jyothi	II/IT	Asha jyothi A
12	23NP1A1213	K.Yamini	II/IT	K. Yamini
13	23NP1A1214	k. Tejaswi	II/IT	K. Tejaswi
14	23NP1A1215	k.Sailaja	II/IT	K. Sailaja
15	23NP1A1216	k. Anjali	II/IT	K. Anjali
16	23NP1A1217	L. Snehalatha	II/IT	L. Snehalatha
17	23NP1A1218	m Akhila	II/IT	M. Akhila
18	23NP1A1219	M Sunitha	II/IT	M. Sunitha
19	23NP1A1220	Maryam	II/IT	Maryam
20	23NP1A1221	M.Deepika	II/IT	M. Deepika
21	23NP1A1222	Md.Azeeza Begum	II/IT	Md. Azeeza Begum
22	23NP1A1223	M.nagacharani	II/IT	M. nagacharani
23	23NP1A1224	N.sivajyothi	II/IT	N. SivaJyothi
24	23NP1A1225	P.L.C.P.Keerthi	II/IT	P. Keerthi





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25	23NP1A1226	P.Hemalatha	II/IT	P. hemalatha
26	23NP1A1227	P.Hadiya	II/IT	P. Hadiya
27	23NP1A1228	P.Pavani	II/IT	P. Pavani
28	23NP1A1229	pidaparthi amsithanidhi	II/IT	Pidaparthi
29	23NP1A1230	pilla sirisha	II/IT	P. Sirisha
30	23NP1A1231	R.Joshni	II/IT	R. Joshni
31	23NP1A1233	Syed Nahida	II/IT	Nahida
32	23NP1A1234	T. Bhavya	II/IT	T. Bhavya
33	23NP1A1235	V.Sirisha	II/IT	V. S. Sirisha
34	23NP1A1236	Challa Akhila	II/IT	Ch. Akhila
35	23NP1A1237	Mantri Janaki	II/IT	M. Janaki
36	22NP1A1201	Allamalla Praneetha	III/IT	A. Praneetha
37	22NP1A1203	Avutapalli Anusha	III/IT	Anusha
38	22NP1A1204	Bollu Bhargavi Devi	III/IT	B. Bhargavi Devi
39	22NP1A1205	Barri Bhargavi	III/IT	B. Bhargavi
40	22NP1A1206	Bobba Durga Sai Saranya	III/IT	B. D. S. Saranya
41	22NP1A1207	Chanda Lakshmi Jyothi	III/IT	Ch. Lakshmi Jyothi
42	22NP1A1208	Chevuri Varshini prasanna	III/IT	Ch. Varshini prasanna
43	22NP1A1209	Donepudi Manjusha	III/IT	D. Manjusha
44	22NP1A1210	Dutta Sowmya	III/IT	D. Sowmya
45	22NP1A1211	Gogusetty Lakshmi Varsha	III/IT	G. L. Varsha
46	22NP1A1212	Gundu Sai durga	III/IT	G. Sai Durga
47	22NP1A1213	Jajula Indhumani	III/IT	J. Indhumani
48	22NP1A1214	Jyothi Devi Divakar	III/IT	Jyothi Divakar
49	22NP1A1215	Kataru Juhitha	III/IT	K. Juhitha
50	22NP1A1216	Kadagalla Bhavani	III/IT	K. Bhavani
51	22NP1A1217	Kakani Manogna	III/IT	K. Manogna
52	22NP1A1218	Karnati Naga Durga Bhavani	III/IT	K. N. D. Bhavani



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53	22NP1A1219	Karothi Priyanka	III/IT	K. Priyanka
54	22NP1A1220	kayina venkata sravya	III/IT	K. V. Sravya
55	22NP1A1221	kommineni charitha devi	III/IT	K. Charitha
56	22NP1A1222	Laveti Vasantha priya	III/IT	L. V. Priya
57	22NP1A1223	Lankalapalli Venkata Durga	III/IT	L. V. Durga
58	22NP1A1224	Mandavalli Jhansi	III/IT	M. Jhansi
59	22NP1A1225	Mangalagiri Tejaswi	III/IT	M. Tejaswi
60	22NP1A1226	Md Ashrafunnisa	III/IT	Md Ashraf
61	22NP1A1227	medisetty dhanusha	III/IT	M. Dhanusha
62	22NP1A1228	Mendu yasheswini	III/IT	M. Yasheswini
63	22NP1A1229	Nerusu Raja Nandini	III/IT	N. Raja Nandini
64	22NP1A1230	Ogirala Sri Sahithi	III/IT	O. Sri Sahithi
65	22NP1A1231	pasala uma bhavani	III/IT	P. Uma Bhavani
66	22NP1A1232	Panithapu Prabhu kumari	III/IT	P. Prabhu Kumari
67	22NP1A1233	pasupuleti jayasri	III/IT	P. Jayasri
68	22NP1A1234	perumalla kavya roopa	III/IT	P. Kavya Roopa
69	22NP1A1235	Ravuri Hemanaganjali	III/IT	R. Hemanaganjali
70	22NP1A1236	Rekham Mounika	III/IT	R. Mounika
71	22NP1A1237	Tadikamalla. Tanmai	III/IT	T. Tanmai
72	22NP1A1238	Vanga Lakshmi Prasanna	III/IT	V. Lakshmi Prasanna
73	22NP1A1239	vesavi durga	III/IT	V. Durga
74	22NP1A1240	Virigineni Laxmi Priya	III/IT	V. Laxmi Priya
75	22NP1A1241	Yalavarthi Girija N	III/IT	Y. Girija Nancharamma
76	22NP1A1242	Yallampalli Navya sri	III/IT	Y. Navya Sri
77	23NP5A1201	DayalSinghNagi ArunaBala	III/IT	D. Aruna Bala

COORDINATOR

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ATTENDANCE SHEET

Academic Year: 2024-2025

Date: 07-08-2024 to 13-08-2024

Name of the Workshop: "GAME DESIGN USING BUILD BOX".

S.NO	ROLLNUMBER	DAY-1	DAY-2	DAY-3	DAY-4	DAY-5	DAY-6
1	23NP1A1201	P	P	P	P	P	P
2	23NP1A1202	P	P	P	P	P	P
3	23NP1A1203	P	P	P	P	P	P
4	23NP1A1204	P	P	P	A	P	P
5	23NP1A1205	P	P	A	A	P	P
6	23NP1A1206	A	P	P	P	P	P
7	23NP1A1207	P	P	P	P	P	P
8	23NP1A1208	P	P	P	P	P	A
9	23NP1A1210	P	A	P	P	P	P
10	23NP1A1211	P	P	P	P	P	P
11	23NP1A1212	P	P	A	P	P	P
12	23NP1A1213	P	P	P	P	P	P
13	23NP1A1214	P	A	P	P	A	P
14	23NP1A1215	A	P	P	P	P	P
15	23NP1A1216	P	P	P	P	P	P
16	23NP1A1217	P	P	P	A	P	P
17	23NP1A1218	P	P	P	P	P	P
18	23NP1A1219	A	P	P	P	A	P
19	23NP1A1220	P	P	P	P	P	P
20	23NP1A1221	P	A	P	P	P	P
21	23NP1A1222	P	P	P	P	P	A
22	23NP1A1223	P	P	P	A	P	P
23	23NP1A1224	P	P	P	P	P	P





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24	23NP1A1225	P	P	P	P	P	P
25	23NP1A1226	P	P	P	P	P	P
26	23NP1A1227	P	P	P	P	P	P
27	23NP1A1228	P	P	P	P	P	P
28	23NP1A1229	P	A	P	P	P	P
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32	23NP1A1234	P	P	A	P	P	P
33	23NP1A1235	P	P	P	P	P	P
34	23NP1A1236	A	P	P	P	P	P
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49	22NP1A1215	P	P	P	P	P	P
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51	22NP1A1217	P	P	P	P	A	P



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52	22NP1A1218	P	P	P	P	P	A
53	22NP1A1219	P	P	P	P	A	P
54	22NP1A1220	P	P	P	P	P	P
55	22NP1A1221	P	P	A	P	P	P
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57	22NP1A1223	P	P	P	P	P	P
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59	22NP1A1225	P	P	P	P	P	A
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61	22NP1A1227	P	P	P	P	A	P
62	22NP1A1228	P	P	P	P	P	P
63	22NP1A1229	P	P	P	P	P	P
64	22NP1A1230	P	P	A	P	P	P
65	22NP1A1231	P	P	P	P	P	P
66	22NP1A1232	P	P	P	A	P	P
67	22NP1A1233	P	P	P	P	P	P
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72	22NP1A1238	P	P	A	P	P	P
73	22NP1A1239	P	P	P	P	P	A
74	22NP1A1240	P	P	P	P	P	P
75	22NP1A1241	P	P	P	P	P	P
76	22NP1A1242	P	P	P	P	P	P
77	23NP5A1201	P	P	P	P	P	P

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 14th August 2024

A one week Workshop Report on “Game Design Using Build Box”

Objectives:

Buildbox is a no-code game development platform that empowers individuals to create 2D and 3D games without any programming knowledge. The workshop aimed to introduce students to Buildbox's intuitive drag-and-drop interface, enabling them to design and prototype games efficiently.

This program is designed to achieve the following objectives:

- Familiarize participants with Buildbox, a no-code game development platform.
- Teach core game design principles such as player engagement, level progression, and balancing.
- Guide attendees through the process of creating a simple game prototype.
- Demonstrate Buildbox's features, including asset integration, physics settings, and monetization tools.
- Instruct participants on how to export their games to various platforms such as iOS, Android, and PC.
- Encourage creative thinking and collaboration among participants.

Description:

From 7th August 2024 to 13th August 2024, the Department of Information Technology successfully organized a one week Workshop on “Game Design Using Build Box”. The program provided a highly enriching and productive learning environment for all participants.

The session commenced with a warm welcome extended by Ms. Md. Nourien, Assistant Professor, Department of Information Technology. This was followed by a keynote address delivered by the Head of the Department, Information Technology Mrs. Y. Vijaya. Dr. G. Chenchamma, the Principal, then offered an insightful introduction to the program. Subsequently, Mrs. Y. Revathi Devi, Trainer from Andhra Pradesh State Skill Development Corporation assumed responsibility for conducting the session proceedings.





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DEPARTMENT OF INFORMATION TECHNOLOGY

RESOURCE PERSON:

Mrs. Y. REVATHI DEVI,

Trainer,

Andhra Pradesh State Skill Development Corporation.

COORDINATOR:

Ms. Md. Nourien

Assistant professor,

Department of Information Technology

Topics covered during the program:

Day 1: Introduction to Buildbox

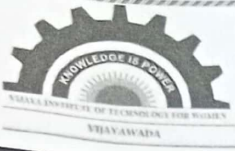
- **Overview of Buildbox:** Introduction to the Buildbox interface, including the Creator Menu, Scene Editor, and Asset Library.
- **Basic Concepts:** Understanding nodes, physics settings, and character behaviors.
- **Creating the Start Scene:** Importing projects and placing game objects.
- **Introduction to Node-Based Programming:** Creating touch controls and adding collision detection.

Day 2: Game Design Fundamentals

- **Design Principles:** Introduction to core game design principles such as balance, progression, and user engagement.
- **Asset Integration:** Utilizing Buildbox's Asset Library to incorporate characters, backgrounds, and objects into the game.
- **Scene Editor Basics:** Constructing compelling levels that captivate players.
- **Game Mechanics:** Creating engaging gameplay mechanics without any coding knowledge.

Day 3: Prototyping and Level Design

- **Level Creation:** Designing multiple levels with varying difficulty to enhance gameplay experience.
- **Testing and Iteration:** Testing prototypes and making necessary adjustments to gameplay mechanics.
- **Menu and UI Design:** Designing the main menu and game over screen.
- **Sound Effects:** Introduction to sound nodes and playing sounds on collision triggers.



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DEPARTMENT OF INFORMATION TECHNOLOGY

Day 4: Advanced Features

- **Monetization Strategies:** Implementing ads, in-app purchases, and other monetization methods within the game.
- **Exporting Games:** Learning how to export games to various platforms such as iOS, Android, and PC.
- **Advanced Game Features:** Adding special abilities, power-ups, collectibles, and rewards.
- **Character Design & Animation:** Customizing characters and creating smooth animations.

Day 5: Final Project Development

- **Project Development:** Participants work on their final game projects incorporating learned concepts.
- **Polishing Your Game:** Fine-tuning mechanics, visuals, and soundtrack.
- **Performance Optimization:** Optimizing the game's performance to run smoothly across different devices.
- **Testing Your Game:** Understanding the importance of testing, iterating, and refining the game for a polished final product.

Day 6: Presentation and Feedback

- **Showcase:** Participants present their final game projects to peers and instructors.
- **Feedback Session:** Receiving constructive feedback to improve game design skills.
- **Community Building:** Encouraging collaboration and knowledge sharing among participants.
- **Certification:** Awarding certificates to participants for successful completion of the workshop.

Outcomes:

The "Game Design Using Buildbox" workshop provided participants gained hands-on experience in game design and development using Buildbox and participants with a solid foundation in game development, emphasizing the importance of design principles and practical application. By the end of the workshop, attendees were equipped with the skills to create and prototype their own games, potentially paving the way for future endeavours in the gaming industry.

COORDINATOR

HoD



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WORKSHOP ON "GAME DESIGN USING BUILD BOX"



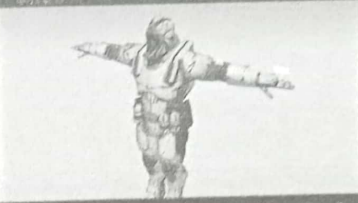
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Enikepadu, VIJAYAWADA-521 108, (A.P.) Phone: 0866-2844444, e-mail : vijayatechfw@gmail.com, web : www.vitw.edu.in

A One Week Workshop
on
GAME DESIGN
USING BUILD BOX
7/8/24 to 13/8/24

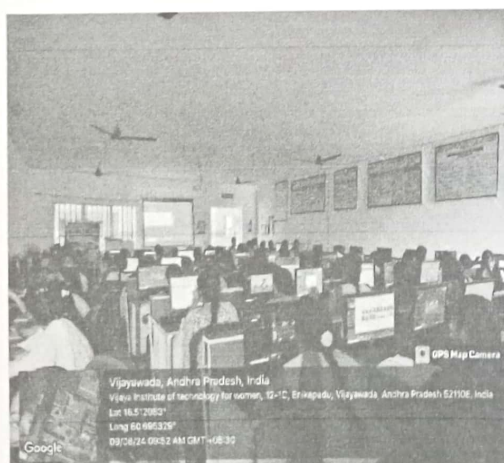
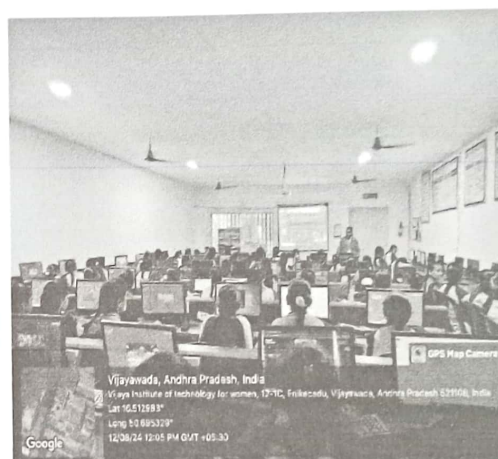


BUILDBOX

Organized by
Department of Information Technology



in Association with  **APSSDC**




COORDINATOR


HoD

