

GOVERNMENT DEGREE COLLEGE – KARVETINAGARAM
CHITTOOR DISTRICT, ANDHRA PRADESH

(Affiliated to Sri Venkateswara University, Tirupati, A.P.)



Certificate Course
ON
Certificate Course on DIGITAL TECHNOLOGIES IN MUSEUM

(18-08-2025 to 25-09-2025)

Submitted by

Department
of
HISTORY

2025-2026

Government Degree College , Karvetinagaram

Department of History

Certificate Course on DIGITAL TECHNOLOGIES IN MUSEUM

2025-26

CERCULAR

14-8-2025.

This is to inform all the second year students, that the Dept. of History is going to conduct a certificate course on “DIGITAL TECHNOLOGIES IN MUSEUM” for the year 2025-26. This course starts on 18-8-2025 closes on 25-092025 with a duration of 30 days. Interested students can give the names to G. Saritha, In charge of certificate course, Dept.of History .

In charge of Department

G. Saritha
In charge of History
GDC, Karvetinagaram

Principal

S. M. J.
PRINCIPAL
Govt. Degree College
KARVETINAGAR - 517582
Chittoor Dt. A.P.

Certificate Course on DIGITAL TECHNOLOGIES IN MUSEUM

Course Objectives

- To introduce students to the role of digital technologies in modern museums.
- To understand digitization, collection management, and digital archiving.
- To explore immersive technologies like AR, VR, and AI in museum experiences.
- To study case studies of leading digital museums in India and abroad.
- To provide practical training in using digital tools for heritage preservation and audience engagement.

Course Outcomes

- Understand the importance of digital technologies in museums.
- Gain knowledge of digitization and digital collection management.
- Explore the use of AR, VR, and interactive tools in museums.
- Develop skills in digital storytelling and visitor engagement.
- Identify challenges, ethics, and future trends in digital museums.

Certificate Course on DIGITAL TECHNOLOGIES IN MUSEUM

Syllabus

Unit I: Introduction to Museums and Digital Transformation

- Role of museums in heritage preservation.
- Traditional vs. digital museums.
- Emerging need for digital technologies.

Unit II: Digitization and Collection Management

- Digital archiving, cataloguing, metadata.
- Tools for digitization of artifacts.
- Case studies of digitized museums in India and abroad.

Unit III: Interactive and Immersive Technologies

- Use of AR (Augmented Reality) & VR (Virtual Reality).
- 3D scanning, 3D printing, and virtual tours.
- Mobile apps, QR codes, and smart displays.

Unit IV: Digital Storytelling and Visitor Engagement

- Multimedia exhibits: audio guides, holograms, touchscreens.
- Gamification and online exhibitions.
- Social media and museum outreach.

Unit V: Challenges, Ethics, and Future Trends

- Issues of copyright, accessibility, and digital divide.
- Sustainability of digital initiatives.
- Future of museums: AI, IoT, blockchain, metaverse museums.

S.No	Date	Name of the Topic
1	18-08-2025	Inauguration Function on certification course
2	19-08-2025	Introduction to Museums and Digital Transformation
3	20-08-2025	Role of museums in heritage preservation
4	21-08-2025	Role of museums in heritage preservation
5	22-08-2025	Traditional vs. digital museums
6	23-08-2025	Traditional vs. digital museums
7	25-082025	Digitization and Collection Management
8	26-08-2025	Digital archiving, cataloguing, metadata
9	28-08-2025	Digital archiving, cataloguing, metadata
10	29-08-2025	Tools for digitization of artifacts
11	30-08-2025	Tools for digitization of artifacts
12	1-09-2025	Case studies of digitized museums in India and abroad.
13	2-09-2025	Case studies of digitized museums in India and abroad.
14	3-09-2025	Interactive and Immersive Technologies
15	4-09-2025	Use of AR (Augmented Reality) & VR (Virtual Reality).
16	6-09-2025	Use of AR (Augmented Reality) & VR (Virtual Reality).
17	8-09-2025	3D scanning, 3D printing, and virtual tours
18	9-09-2025	3D scanning, 3D printing, and virtual tours
19	10-09-2025	Mobile apps, QR codes, and smart displays
20	11-09-2025	Digital Storytelling and Visitor Engagement
21	12-09-2025	Multimedia exhibits: audio guides, holograms, touchscreens
22	15-09-2025	Gamification and online exhibitions
23	16-09-2025	Social media and museum outreach.
24	17-09-2025	Challenges, Ethics, and Future Trends
25	18-09-2025	Issues of copyright, accessibility, and digital divide
26	19-09-2025	Sustainability of digital initiatives.
27	20-09-2025	Future of museums
28	22-09-2025	AI, IoT, blockchain, metaverse museums.
29	23-09-2025	Test
30	24-09-2025	Valedictory

S.NO	Group	Name of the students
1	III BA	A.JOTHIKA
2	III BA	G.VENKATESH
3	III BA	K.GURU PRASAD
4	III BA	M.RUKMINI
5	III BA	M.SAI KUMAR
6	III BA	P.JHANSIRANI
7	III BA	S.DILLI BABU
8	III BA	K.SNEHA
9	II BA	A K.SHAKTHI DHANUSH
10	II BA	P.ANUSHA
11	II BA	G DHENA
12	IIBA	G PAVAN
13	II BA	K VIJAYASREE
14	II BA	M ABHISHEK
15	II BA	B AADI
16	II BA	K DIVYA
17	II BA	D RUDRESHWAR
18	II BA	T NAGARAJU
19	II BA	M BHARATH
20	II BA	K BALAJI

Government Degree College - Karvetinagaram Department of History

Certificate Course Students Attendance , 2025-26

S.No.	Name of the Student	18-08-2025	19-08-2025	20-08-2025	21-08-2025	22-08-2025	23-08-2025	25-08-2025	26-08-2025	28-08-2025	29-08-2025	30-08-2025	01-09-2025	02-09-2025	03-09-2025	04-09-2025	06-09-2025	08-09-2025	09-09-2025	10-09-2025	11-09-2025	12-09-2025	15-09-2025	16-09-2025	17-09-2025	18-09-2025	19-09-2025	20-09-2025	22-09-2025	23-09-2025	24-09-2025			
1	A.JOTHIKA	P	P	P	P	P	P	ab	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
2	G.VENKATESH	P	P	P	P	P	P	P	P	P	P	P	P	P	ab	P	P	P	P	P	P	P	P	P	P	P	P	ab	P	P	P			
3	K.GURU PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
4	M.RUKMINI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	ab	P	P	P	P		
5	M.SAI KUMAR	P	P	P	P	P	P	ab	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
6	P.JHANSIRANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
7	S.DILLI BABU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
8	K.SNEHA	P	P	P	P	P	P	ab	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	ab	P	P	P	P	P	P	
9	A.K.SHAKTHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10	DHANUSH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11	P.PANUSHA	P	P	P	P	P	P	P	ab	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
12	G.DHENA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
13	G.PAVAN	P	P	P	P	P	ab	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
14	K.VIJAYASREE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	M.ABHISHEK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	B.AADI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	K.DIVYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	D.RUDRESHWAR	ab	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	T.NAGARAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	M.BHARATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	ab

Principal
Karvetinagaram

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Report on the Certificate Course on
DIGITAL TECHNOLOGIES IN MUSEUM

The Department of History, Government Degree College, Karvetinagaram, successfully conducted a **Certificate Course on “Digital Technologies in Museums”** during the 2025-26. The course was designed to provide students with insights into the modern role of technology in museums and heritage preservation.

Students were provided with both **theoretical knowledge and practical exposure**. Hands-on sessions included demonstrations on digital archiving, use of mobile applications, and creation of simple virtual exhibits. Group discussions and case studies of national and international museums enhanced the learning experience.

The Certificate Course on **Digital Technologies in Museums** was successfully completed with active participation from students. The course enhanced their **digital literacy, heritage management knowledge, and creative application skills**. It has prepared them for future opportunities in the fields of **museum studies, cultural tourism, and digital heritage industries**. Thus, the syllabus was reviewed for the certificate course from 18-8-2025 to 25-9-2025 with duration of 30 days.

G. S. Th
Sec. in History
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Government Degree College , Karvetinagaram

Department of History

Certificate Course on DIGITAL TECHNOLOGIES IN MUSEUM

2025-26 TEST

1. What is a digital museum?

- a) A museum that only stores physical artifacts
- b) A museum using digital tools to preserve, display, and interpret collections
- c) A museum with no physical visitors
- d) A museum located online only without artifacts

2. AR in museum technologies stands for:

- a) Artificial Reality
- b) Augmented Reality
- c) Advanced Recording
- d) Automated Research

3. VR helps museum visitors to:

- a) Read labels faster
- b) Experience immersive virtual tours of exhibits
- c) Access museum cafes
- d) Buy tickets online

4. Which software is commonly used for digital archiving?

- a) Photoshop
- b) Omeka
- c) PowerPoint
- d) Google Maps

5. QR codes in museums are used to:

- a) Scan tickets
- b) Provide instant information or multimedia content about exhibits
- c) Open doors
- d) Measure visitor attendance

6. One main benefit of digitization in museums is:

- a) Reducing visitor numbers
- b) Preservation of artifacts and wider accessibility
- c) Avoiding exhibitions
- d) Making museums expensive

7. Google Arts & Culture is an example of:

- a) Museum café management software
- b) Virtual museum exhibition platform
- c) Security software for museums
- d) Physical museum catalog

8. Which technology is used for 3D scanning of artifacts?

- a) Virtual Reality
- b) 3D scanning technology
- c) Augmented Reality
- d) QR code scanning

9. Social media helps museums in:

- a) Security management
- b) Outreach, engagement, and sharing digital content
- c) Reducing artifacts
- d) Closing the museum

10. A major challenge in adopting digital technologies in museums is:

- a) Lack of artifacts
- b) High cost and technical expertise requirements
- c) Too many visitors





**Government Degree college, Karvetinagaram,
Chittoor (Dist)**



DEPARTMENT OF HISTORY

Certificate Course on DIGITAL TECHNOLOGIES IN MUSEUM

2025-26

CERTIFICATE

This is to certify that Mr/ Ms.

Ofclass, attended Certificate course on
"DIGITAL TECHNOLOGIES IN MUSEUM" conducted by the Department of
History, during the academic year **2025-26**

Course Organizer

G. S. Th
sec. in history
Gov. Karvetinagaram

Principal

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