

## ICT Tools used by the faculty for Teaching

At AEI, teachers utilize ICT (Information and Communication Technology) enabled tools to enhance and facilitate the teaching-learning process. These tools encompass a wide range of digital resources and technologies, including computers, tablets, interactive whiteboards, educational software, online platforms, and internet-based resources. By integrating ICT into their teaching practices, teachers create a more engaging and interactive learning environment. They use multimedia presentations, videos, and interactive simulations to present complex concepts in a visually appealing manner, catering to different learning styles and abilities. This multimedia approach captures students' attention and stimulates their interest, leading to improved information retention and understanding. ICT tools also enable teachers to access a vast array of online educational resources, including e-books, articles, research papers, and educational websites. This empowers them to enrich their teaching materials, update content regularly, and incorporate real-world examples into their lessons.

The following ICT Tools and e-Resources are used by faculty to aid the teaching-learning process.

S.NO.	ICT Tool/ Resource	Type of Tool
1	Projectors	Hardware
2	Printers and Scanners	Hardware
3	Digital Tablets	Hardware
4	Multimedia Computer System	Hardware
5	MS PowerPoint, Google Slides	Presentation Software
6	MS Word, Google Docs	Word Processing Software
9	MS Excel, Google Sheets	Spreadsheet Software
7	Gmail, Yahoo mail etc.	Communication Software
8	WhatsApp	Communication Software
9	YouTube	Video Aggregation System
10	Google Drive	Cloud-based Data Storage and Sharing System
11	Google Forms	Data Collection and Assessment Tool
12	Google Meet, Zoom	Online Video Conferencing Software
13	Mentimeter, Kahoot, Quizziz, etc.	Game-based Assessment Tools
14	Google Classroom	Learning Management System
15	Canva	Graphic Design and Editing Software
16	Openshot,	Video Creation/Editing Tool
17	Open Broadcast Studio	Screen recording and LIVE streaming Tool
18	Overleaf LaTeX	Scientific and Technical Documents creation Tool

  
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19	Zotero, Mendeley	Reference Management Tool
20	Lucidchart, Mindmeister	Mind Map creation tools
21	Wordpress, Google Sites	Website creation and blogging tools

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The following IT Tools and Resources are used by faculty in all the teaching learning process.

S.NO.	IT Tool Resource	Use
1	Microsoft Word	Word processing
2	Microsoft Excel	Spreadsheets
3	Microsoft PowerPoint	Presentations
4	Microsoft Access	Databases
5	Microsoft Outlook	Email
6	Microsoft OneDrive	Cloud storage
7	Microsoft Teams	Collaboration
8	Microsoft Edge	Web browser
9	Microsoft Word	Word processing
10	Microsoft Excel	Spreadsheets
11	Microsoft PowerPoint	Presentations
12	Microsoft Access	Databases
13	Microsoft Outlook	Email
14	Microsoft OneDrive	Cloud storage
15	Microsoft Teams	Collaboration
16	Microsoft Edge	Web browser
17	Microsoft Word	Word processing
18	Microsoft Excel	Spreadsheets
19	Microsoft PowerPoint	Presentations
20	Microsoft Access	Databases
21	Microsoft Outlook	Email
22	Microsoft OneDrive	Cloud storage
23	Microsoft Teams	Collaboration
24	Microsoft Edge	Web browser
25	Microsoft Word	Word processing
26	Microsoft Excel	Spreadsheets
27	Microsoft PowerPoint	Presentations
28	Microsoft Access	Databases
29	Microsoft Outlook	Email
30	Microsoft OneDrive	Cloud storage
31	Microsoft Teams	Collaboration
32	Microsoft Edge	Web browser
33	Microsoft Word	Word processing
34	Microsoft Excel	Spreadsheets
35	Microsoft PowerPoint	Presentations
36	Microsoft Access	Databases
37	Microsoft Outlook	Email
38	Microsoft OneDrive	Cloud storage
39	Microsoft Teams	Collaboration
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42	Microsoft Excel	Spreadsheets
43	Microsoft PowerPoint	Presentations
44	Microsoft Access	Databases
45	Microsoft Outlook	Email
46	Microsoft OneDrive	Cloud storage
47	Microsoft Teams	Collaboration
48	Microsoft Edge	Web browser
49	Microsoft Word	Word processing
50	Microsoft Excel	Spreadsheets
51	Microsoft PowerPoint	Presentations
52	Microsoft Access	Databases
53	Microsoft Outlook	Email
54	Microsoft OneDrive	Cloud storage
55	Microsoft Teams	Collaboration
56	Microsoft Edge	Web browser
57	Microsoft Word	Word processing
58	Microsoft Excel	Spreadsheets
59	Microsoft PowerPoint	Presentations
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95	Microsoft Teams	Collaboration
96	Microsoft Edge	Web browser
97	Microsoft Word	Word processing
98	Microsoft Excel	Spreadsheets
99	Microsoft PowerPoint	Presentations
100	Microsoft Access	Databases