2.3.2 *Teachers use ICT- enabled tools including online resources for effective teaching and learning processes*

By

Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University)

Coimbatore-641043

General ICT Facilities Available-Building Wise/Classroom Wise

Room number or Name of Classrooms and Seminar halls with ICT-enabled facilities	Type of ICT facility (Wall mounted projector/ Interactive board/ Smart Board/Wifi/Visualizer)
Hi - Tech Seminar Hall	Wall Mounted Projector/ WiFi/ Plasma Television/ Video Conferencing
Guru Maharaj Seminar Hall	Wall Mounted Projector/WiFi
MBA Seminar Hall	Wall Mounted Projector/WiFi/ Interactive Board
Academic Council Hall	Wall Mounted Projector/WiFi/ Interactive Board/ Video Conferencing
Gallery	Wall Mounted Projector/ WiFi/ Interactive Board
Community Education Seminar Hall	Wall Mounted Projector/ WiFi/ Interactive Board
Education Seminar Hall	Wall Mounted Projector/ WiFi/ Interactive Board
Special Education Seminar hall	Wall Mounted Projector/ WiFi
ECH301 Engineering Seminar Hall 1	Wall Mounted Projector/ WiFi/ Interactive Board
ASH102 Engineering Seminar Hall 2	Wall Mounted Projector/ WiFi
ACH201 Conference Hall	Wall Mounted Projector/ WiFi
Home Science Seminar Hall	Wall Mounted Projector/ WiFi
250	Wall Mounted Projector/ WiFi
110	Wall Mounted Projector/ Visualizer/ WiFi
245	Wall Mounted Projector/ WiFi
GH 6	Wall Mounted Projector/ WiFi
GH 30	Wall Mounted Projector/ WiFi
EC 205	Interactive Board/Wall Mounted LCD Projector/ WiFi
GH 7	Wall Mounted Projector/ WiFi
GH 8	Wall Mounted Projector/ WiFi
GHA 6	Wall Mounted Projector/ WiFi
AC 101	Wall Mounted Projector/ WiFi
AC303	Wall Mounted Projector/ WiFi
EC 208	Wall Mounted Projector/ WiFi
EC202	Wall Mounted Projector/ WiFi
EC218	Interactive Board/ LCD Projector/ WiFi
EC204	Wall Mounted Projector/ WiFi
EC219	LCD Projector/WiFi
202	Wall Mounted Projector/ Interactive Smart Board/ WiFi
WC114	Interactive Board/Wall Mounted Projector/ WiFi
124	Wall Mounted Projector/ WiFi
125	Visualizer/ LCD Projector/ WiFi
129	LCD Projector/ WiFi
19 Education	LCD Projector/ WiFi

20 Education	LCD Projector/ WiFi
70	Wall Mounted Projector/ Visualizer/ WiFi
6 Education	Wall Mounted Projector/ WiFi
7 Education	Wall Mounted Projector/ WiFi
34 Education	Wall Mounted Projector/ Visualizer/ WiFi
28 Education	Visualiser /LCD Projector/ WiFi
23	Wall Mounted Projector/ Smart Board / WiFi
GH 9	Wall Mounted Projector/ WiFi
185	Interactive Smart Board/Wall Mounted Projector/ WiFi
GH 10	Wall Mounted Projector/ WiFi
GH 15	LCD Projector/ WiFi
172	Wall Mounted Projector/ Smart Board/ Visualizer/ WiFi
GH 17	LCD Projector/ WiFi
GH 18	LCD Projector/ WiFi
GH 23	LCD Projector/ WiFi
GH 24	LCD Projector/ WiFi
GH 25	LCD Projector/ WiFi
GH 26	LCD Projector/ WiFi
GH 27	LCD Projector/ WiFi
GH 29	LCD Projector/ WiFi
127	LCD Projector/WiFi
GH 31	LCD Projector/ WiFi
GH 32	LCD Projector/ WiFi
GH 34	LCD Projector/ WiFi
GH 35	LCD Projector/ WiFi
GH 38	LCD Projector/ WiFi
GH 39	LCD Projector/ WiFi
GH 40	LCD Projector/ WiFi
GH 41	LCD Projector/ WiFi
GH 44	LCD Projector/ WiFi
GH 5	LCD Projector/ WiFi
GH 36 Smart Class	Wall Mounted Projector/ WiFi
GHA 2	LCD Projector/ WiFi
GHA 3	LCD Projector/ WiFi
GHA 4	LCD Projector/ WiFi
GHA 5	LCD Projector/ WiFi
GHA 7	LCD Projector/ WiFi
AC302	Wall Mounted Projector/ WiFi
EC203	Wall Mounted Projector/ WiFi
EC217	Wall Mounted Projector/ WiFi
WC303	LCD Projector/WiFi

WC304	LCD Projector/WiFi
WC305	LCD Projector/WiFi
WC306	LCD Projector/WiFi
WC112	LCD Projector/WiFi
WC113	LCD Projector/ WiFi
WC203	Wall Mounted Projector/ WiFi
WC204	Wall Mounted Projector/ WiFi
WC205	Wall Mounted Projector/ WiFi
WC208	Wall Mounted Projector/ WiFi
WC209	LCD Projector/WiFi
WC210	LCD Projector/WiFi
WC301	LCD Projector/WiFi
WC302	LCD Projector/WiFi
EC209	LCD Projector/WiFi
EC301	LCD Projector/WiFi
AC111	LCD Projector/WiFi
C124	LCD Projector/WiFi
C160	LCD Projector/WiFi
EC201	LCD Projector/WiFi
AC305	LCD Projector/WiFi
AC304	LCD Projector/WiFi
231	Wall Mounted Projector/ WiFi
237	Wall Mounted Projector/ WiFi
251	LCD Projector/ Visualiser/ WiFi
252	Wall Mounted Projector/ WiFi
253	Wall Mounted Projector/ WiFi
254	LCD Projector/WiFi
257	LCD Projector/WiFi
258	LCD Projector/WiFi
259	Wall Mounted Projector/ Interative Board/ WiFi
260	Wall Mounted Projector/ WiFi
261	Wall Mounted Projector/ Interactive Smart Board/ WiFi
263	Wall Mounted Projector/ WiFi
264	Wall Mounted Projector/ WiFi
265	Wall Mounted Projector/ WiFi
266	Wall Mounted Projector/ WiFi
267	Wall Mounted Projector/ WiFi
268	LCD Projector/WiFi
269	Wall Mounted Projector/ WiFi
270	Wall Mounted Projector/ Interactive Board/ WiFi
272	LCD Projector/WiFi

273	LCD Projector/WiFi
275	Wall Mounted Projector/ WiFi
276	LCD Projector/WiFi
277	LCD Projector/WiFi
278a	LCD Projector/WiFi
278b	LCD Projector/WiFi
279a	Wall Mounted Projector/ WiFi
279b	LCD Projector/WiFi
280	Wall Mounted Projector / Visualiser/ WiFi
281	Wall Mounted Projector/ WiFi
282	Wall Mounted Projector/ Interactive Board/ WiFi
284a	Wall Mounted Projector/ WiFi
284b	Wall Mounted Projector/ WiFi
285	Wall Mounted Projector/ WiFi/ Visualiser
288	Wall Mounted Projector/ WiFi
289	Wall Mounted Projector/ WiFi
290	Wall Mounted Projector/ WiFi
296	Wall Mounted Projector/ WiFi
299	LCD Projector/ Visualizer / WiFi
300	Wall Mounted Projector/ WiFi
A2	Wall Mounted Projector/ WiFi
A3	Wall Mounted Projector/ WiFi
203	Wall Mounted Projector/ Interactive Smart Board/ WiFi
196	Wall Mounted Projector/ WiFi
200	Wall Mounted Projector/ Interactive Board/Visualizer/ WiFi
201	Wall Mounted Projector/ Interactive Board/ WiFi
232	Interactive Smart Board/ Wall Mounted Projector/ WiFi
248	Wall Mounted Projector/ WiFi
249	Wall Mounted Projector/ Visualiser/ WiFi
262	LCD Projector/ WiFi
215	LCD Projector/ WiFi
Hindi	Wall Mounted Projector/ WiFi
Ext1	Wall Mounted Projector/ WiFi
105	LCD Projector/ WiFi
107	Wall Mounted Projector/ WiFi
108	Wall Mounted Projector/ WiFi
104	LCD Projector/ WiFi
118	LCD Projector/ WiFi

120	LCD Projector/ WiFi
126	Wall Mounted Projector/ WiFi
100a	LCD Projector/ WiFi
130	LCD Projector/ WiFi
107A	Wall Mounted Projector/ WiFi
109	Wall Mounted Projector/ WiFi
111	Wall Mounted Projector/ WiFi
CT1	LCD Projector/ WiFi
49	Wall Mounted Projector/ Visualizer/ WiFi
117	Wall Mounted Projector/ WiFi
132	Wall Mounted Projector/ WiFi
128	Wall Mounted Projector/ WiFi
128a	Wall Mounted Projector/ WiFi
118A	LCD Projector/ WiFi
102	LCD Projector/ WiFi
121	LCD Projector/ WiFi
122	Wall Mounted Projector/ WiFi
123	Wall Mounted Projector/ WiFi
131	Visualiser /LCD Projector/ WiFi
M1	LCD Projector/ WiFi
M2	LCD Projector/ WiFi
M3	LCD Projector/ WiFi
M4	LCD Projector/ WiFi
M5	LCD Projector/ WiFi
M6	LCD Projector/ WiFi
33 Education	Wall Mounted Projector/ Visualizer/ WiFi
23 Education	Wall Mounted Projector/ Visualizer/ WiFi
22 Education	Wall Mounted Projector/ Visualizer/ WiFi
35 Special Education Education	Visualiser /LCD Projector/ WiFi
36 Special Education	Visualiser /LCD Projector/ WiFi
12 Edn Smt class	Wall Mounted Projector/ Interactive Smart Board/ WiFi
25 Education	Wall Mounted Projector/ WiFi
42 Education	LCD Projector/ Visualiser/ WiFi
21 Education	LCD Projector/ WiFi
spl edu 2	LCD Projector/ WiFi
spl Edu 3	LCD Projector/ WiFi
Spl Edu 6	Wall Mounted Projector/ WiFi
spl edu 7	LCD Projector/ WiFi
40 Research Room	LCD Projector/ Visualizer/ WiFi
25	Wall Mounted Projector/ WiFi
27	Wall Mounted Projector/ WiFi
28	Wall Mounted Projector/ WiFi

48	Wall Mounted Projector/ Interactive Smart Board/ WiFi
50	Wall Mounted Projector/ WiFi
51 a	Wall Mounted Projector/ WiFi
51 b	Wall Mounted Projector/ WiFi
62	Wall Mounted Projector/ WiFi
63	Wall Mounted Projector/ WiFi
64	Wall Mounted Projector / Television with Speakers/ WiFi
67	LCD Projector/ WiFi
69	Wall Mounted Projector/ WiFi
71	Wall Mounted Projector/ WiFi
72	Wall Mounted Projector/ WiFi
73	Wall Mounted Projector/ WiFi
74	Wall Mounted Projector/ WiFi
55	LCD Projector/ WiFi
21	LCD Projector/ WiFi
184	Wall Mounted Projector/ WiFi
186	Wall Mounted Projector/ WiFi
191	Wall Mounted Projector/ WiFi
190	Wall Mounted Projector/ WiFi
192	Wall Mounted Projector/ WiFi
193	Wall Mounted Projector/ WiFi
167	LCD Projector/ WiFi
168	Wall Mounted Projector/ WiFi
152	Wall Mounted Projector/ WiFi
153	Wall Mounted Projector/ WiFi
154	Wall Mounted Projector/ WiFi
187	Wall Mounted Projector/ WiFi
179	Wall Mounted Projector/ WiFi
189	Wall Mounted Projector/ WiFi
173	Wall Mounted Projector/ WiFi
180	Wall Mounted Projector/ WiFi
181	Wall Mounted Projector/ WiFi
175	Wall Mounted Projector/ Interactive Board/Visualiser/ WiFi
178	Wall Mounted Projector/ Visualizer/ WiFi
150	Wall Mounted Projector/ WiFi
151	Wall Mounted Projector/ WiFi
183	LCD Projector/ Wifi
195	LCD Projector/ Wifi

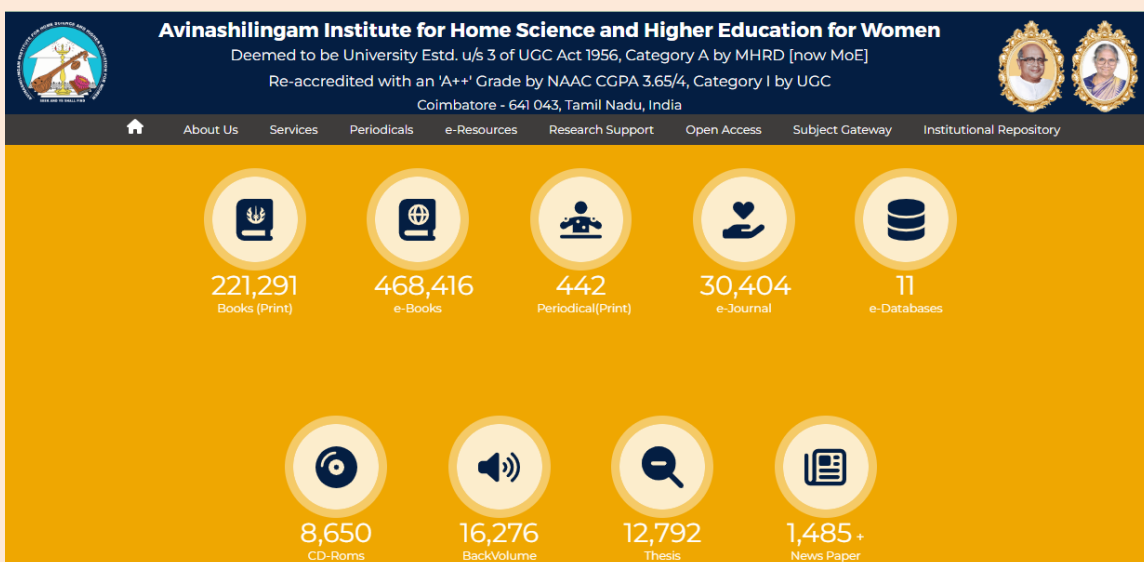# ICT enabled tools used by departments for different programmes

The classes were handled by the teachers using the following ICT enabled tools for online and offline classes

1. PPT (PowerPoint)
2. YouTube video
3. E-books
4. E-learning resources
5. Google Classroom
6. Pgpathsala
7. CEC
8. Virtual Classes
9. SWAYAM MOOCs
10. Mendeley
11. Videos
12. Zoom Meetings
13. Khan Academy
14. Online Forums
15. Podcasts
16. Interactive Simulations
17. Educational Apps
18. Wikis
19. Webinars
20. Discussion Boards

Digital Library Subscription details :2022-2023

Library resources	Details of memberships/subscriptions
Books	3165 Books
Journals	442 Periodicals
e – journals	1294 e-journals through subscription
e-books	468416 e-books through subscription
e-ShodhSindhu	Member of e-shodhsindhu from 2004-till date , provide access of 29,167 e-journals and 4 e-databases; National Digital Library of India(NDLI) resources World e-Book Library and South Asia Archive (SAA)
Shodhganga	MOU signed for uploading Ph.D theses on 2011- 681 Ph.D theses uploaded and M.Phil through IR
Databases	10 (Subscription access-6, e-shodhsindhu access-4), Softwares-2 (Grammarly, Turnitin)

Digital Library Facility
Library Resources – Statistics: 2022-20323

Avinashilingam Institute for Home Science and Higher Education for Women
Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD [now MoE]
Re-accredited with an 'A++' Grade by NAAC CGPA 3.65/4, Category I by UGC
Coimbatore - 641 043, Tamil Nadu, India

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| 221,291 Books (Print) | 468,416 e-Books | 442 Periodical(Print) | 30,404 e-Journal | 11 e-Databases |

| 8,650 CD-Roms | 16,276 BackVolume | 12,792 Thesis | 1,485+ News Paper |

S.No	Library Collection		Data details	
1	Total Library Collection (Print + E-Resources)		(221291+507670)	728961
	Total Library Collection Print			221291
	Total no. of Books		208499	
	Total no. of Ph.D. Theses		866	
	Total no. of M.phil. Dissertations		1991	
	Total no. of PG Dissertations		9935	
	Special Collection and Rare Books (included) - 3713 (WHO, FAO, UNO, World Bank, UGC, UNICEF, UNESCO, ACU, AIU etc.)			
	Total E-Resources			507670
	E-Books		468416	
	E-Journals		30404	
	E-Databases		11	
	E-Theses		8839	
2	Total Journals (Print + E-Journals)		(16718+30404)	47122
	Total Journals (Print) Current Subscription			16718
	National	247	442	
	International	64		
	Gratis	131		
	Back Volumes		16276	
	Total E-Journals		29146	30404
	UGC INFONET (eShodhsindhu)			

S.No	Library Collection	Data details
	Institution Subscription	1258

The library maintains regular subscriptions to grant access to a comprehensive collection, encompassing 30,476 e-Journals, 4,68,416 e-Books, and eleven e-Databases. These resources are made available through the e-Shodhsindhu consortium (UGC-INFONET) as well as institution-specific subscriptions.

e-Journals (http://aulibrary.avinuty.ac.in/index.php/Ejournalpublisher)

The library facilitates access to a vast collection of e-journals, totaling 30,476. Among these, 29,198 are sourced from the e-Shodhsindhu consortium, spanning ten publishers such as the American Chemical Society, American Institute of Physics, American Physical Society, Annual Reviews, Economic & Political Weekly, Oxford University Press, Project Muse, Springer, and Taylor & Francis. Additionally, the library subscribes to EBSCO Business Source Elite (3706) and IEEE (205) to further enhance its offerings.

e-Books https://aulibrary.avinuty.ac.in/page/237

The Library provides access to 4,68,416 e-books and South Asia Archive and World eBook Digital Library are from the e-shodhsindhu consortium and subscribes to EBSCO Academic collection (212321 e-books), Wiley (1057 e-books), Pearson (80 e-books), PHI Learning (1053 e-books), Springer (3519 e-books) and Elsevier (194 e-books Proquest – 227756 e-books). Apart from these, the Library provides access to e-books from Directory of Open Access books and the National Digital Library of India.

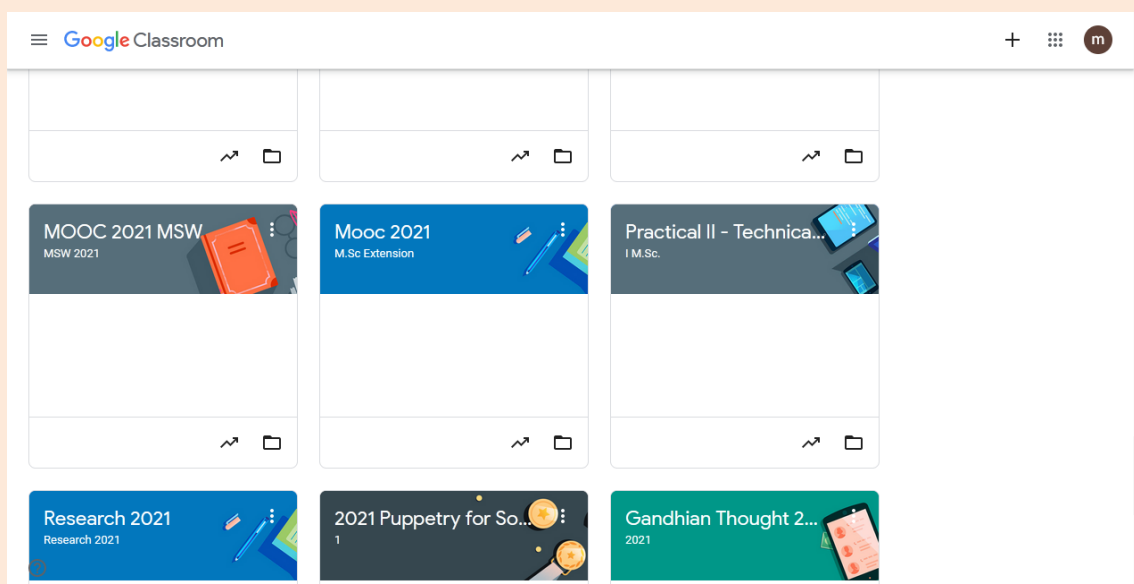## Number of enrolments for SWAYAM-MOOC offered by the institute at National level as Host Institution

Title of the MOOC course	Name of the Course Co-ordinator	No. of students enrolled July 2022
Cyber Security	Dr G Padmavathi	15977
Identification of Children with Visual Impairment and Assessment of Needs	Mrs. R. Nagomi Ruth	933
Braille & Assistive Devices	Dr. G. Victoria Naomi	775
Psycho Social and Family Issues of Individuals with Visual Impairment	Mrs. R.Shanthi	1558

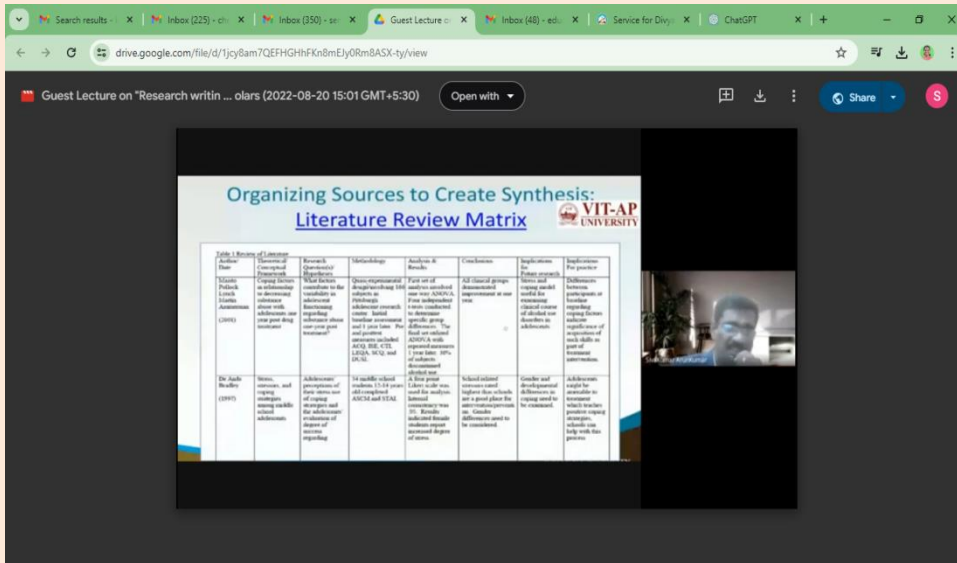|		
Human Growth and Development	Dr. K.Sambath Rani	1345
Supply Chain Managemen	Dr.P.Chitramani	2208
e-Assessment	Dr.C.Karthik Deepa	1501
School Counselling	Dr. Ramya Bhaskar	3054
Early Childhood Care and Education	Dr. K. Arockia Maraichelvi	3863

Number of Students enrolled for Online Courses 2022-2023

	Total number of students Enrolled	Total no. of Swayam MOOC courses enrolled	No. of students Swayam MOOC certified
Swayam (Campus-I) + (Campus II)	688	97	598

Screenshot of Google class to monitor progress of students in MOOC

Online Training Programme

Online /Virtual Labs

CBT Test

Students Using Artificial Intelligence Lab

Robotic Training for Students

Evaluation snapshots