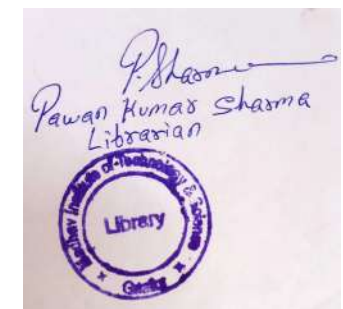


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**4.2.4 Usage of library by teachers and students (footfalls and login data for online access):**

**Institutional subscribed resources/ Memberships:**

- **E-journals and E-books, Citation index access**
  1. American society of Civil Engineers
  2. American society of Mechanical Engineers
  3. Web of Science
  4. World e-book Library
  5. South Asia Archive
  6. National Digital Library
  7. Eshodh Sindhu
  8. Turnitin plagiarism
  9. Pearson e-books
  10. Mcgrawhill e-books with Audio for Visually imparted students
  11. Multi publishers e-books
  12. NewAge International E-books
  13. NPTEL
  14. SWAYAM
  15. NASA's multimedia Gallery
  16. The Great Buildings
  17. The Nine Planets
  18. e-PG Pathshala
  19. JGate
  20. JSTOR



#### 4.2.4.1 Number of teachers and students using the library per day during the year

No. of teacher and student using library per day during the year – 383.36

Method of computing per day usage:

Summation of (1) and (2)

1) No. of physical library users as per random 5 days: 222.6

2) No. of online assessors of library during random5 days: 160.76

#### 1. Calculation of physical users as per random Users Per day - (From 08-03-2022 to 14-03-2022)

S No	Days	Physical Users
1)	08-03-2022	189
2)	09-03-2022	187
3)	10-03-2022	124
4)	11-03-2022	110
5)	14-03-2022	253

Due to online classes, we expect this number to be higher.

\*\*222.6 has been calculated as the average of student foot fall using 5 random library days and usage of library by 50 teachers on a daily basis.

(Sum of No of Students using library on five days)/5+ Assumed daily usage by teachers

$$= (189+187+124+110+253)/5+50= 172.6+50= \mathbf{222.6} \text{ per day}$$

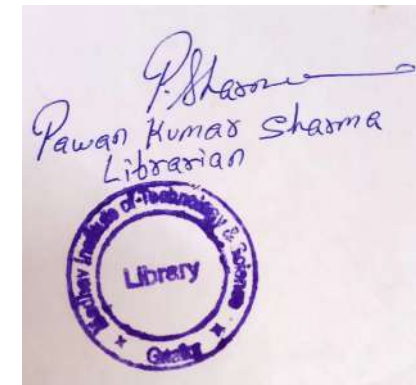
#### 2. Calculation of online assessors of library -

Number of Users using library through e-access: 5000 registered user through MITS E-Library

Total users access the library in the month of March 2022: 4823

For getting the per day data .We divide 4823/ 30 days: 160.76 student's uses library online

Number of Physical users accessing library: 222.6 \*\* per day



**Calculation for 160.76 Library E-access per day: (From 01-03-2022 to 30-03-2022)**

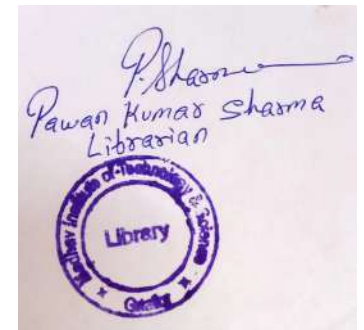
S No	Days	Online Users
1.	ASCE	163
2.	ASME	244
3.	WOS	118
4.	E-books	1358
5.	E-library	1304
6.	Moodle	1636
<b>Total</b>		<b>4823</b>

$$4823/30 = 160.76$$

Formula:

No of Teachers & Students using library per day:


$$\frac{222.6+160.76}{5000} \times 100$$
$$= 7.6672 \%$$



**1. Month wise usage of library (overall) during the year 2021-2022**

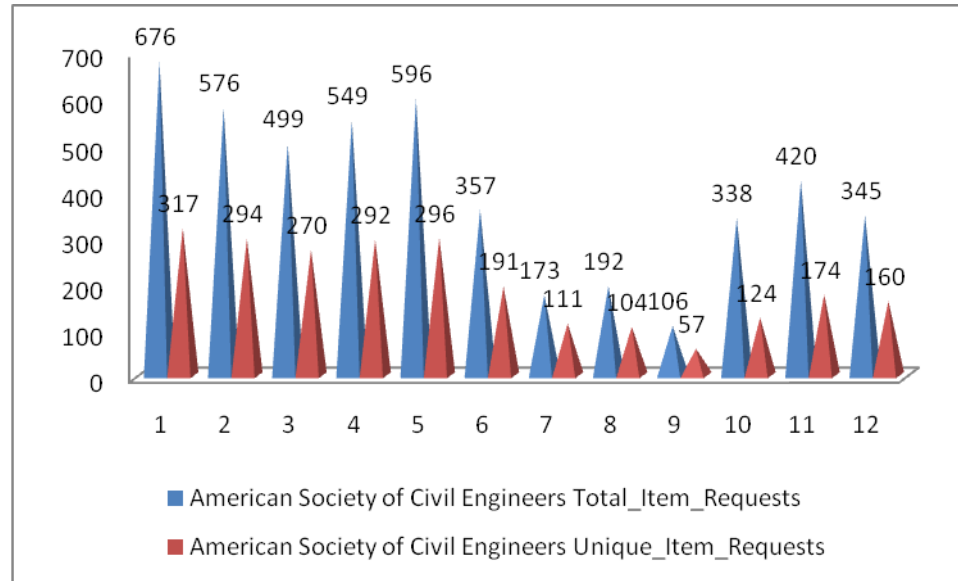
S. No	Month	Year	Books Transaction (Student & Faculty)		E-journals Access (Student & Faculty)		Online Databases	E-books				E- Library MITS	Moodle MITS
			Issue	Return	ASCE	ASME		WOS	McGraw hill	Pearson	Videeya		
1.	July	2021	202	1422	993	905	118	433	11	155	182	0	1907
2.	Aug	2021	64	1135	870	669	267	108	35	81	181	0	906
3.	Sep	2021	240	1528	769	513	3130	0	45	91	175	0	733
4.	Oct	2021	59	564	841	486	290	186	67	58	165	0	1360
5.	Nov	2021	85	532	892	492	463	1	77	653	180	568	7219
6.	Dec	2021	165	630	548	410	247	2504	81	1301	201	6734	4043
7.	Jan	2022	55	207	284	196	505	2823	275	1289	186	2388	1801
8.	Feb	2022	274	954	296	206	234	0	51	806	188	3466	1337
9.	March	2022	1085	3856	163	244	118	777	107	303	171	1304	1636
10.	April	2022	3206	797	462	221	75	0	15	0	180	0	1336
11.	May	2022	6460	949	594	261	0	1	21	2052	193	94	915
12.	June	2022	77	906	505	249	0	50	75	169	185	564	789
<b>Total Usage</b>			<b>11972</b>	<b>13480</b>	<b>7217</b>	<b>4852</b>	<b>5447</b>	<b>6883</b>	<b>860</b>	<b>6958</b>	<b>2187</b>	<b>15118</b>	<b>23982</b>

P. Sharma  
Pawan Kumar Sharma  
Librarian



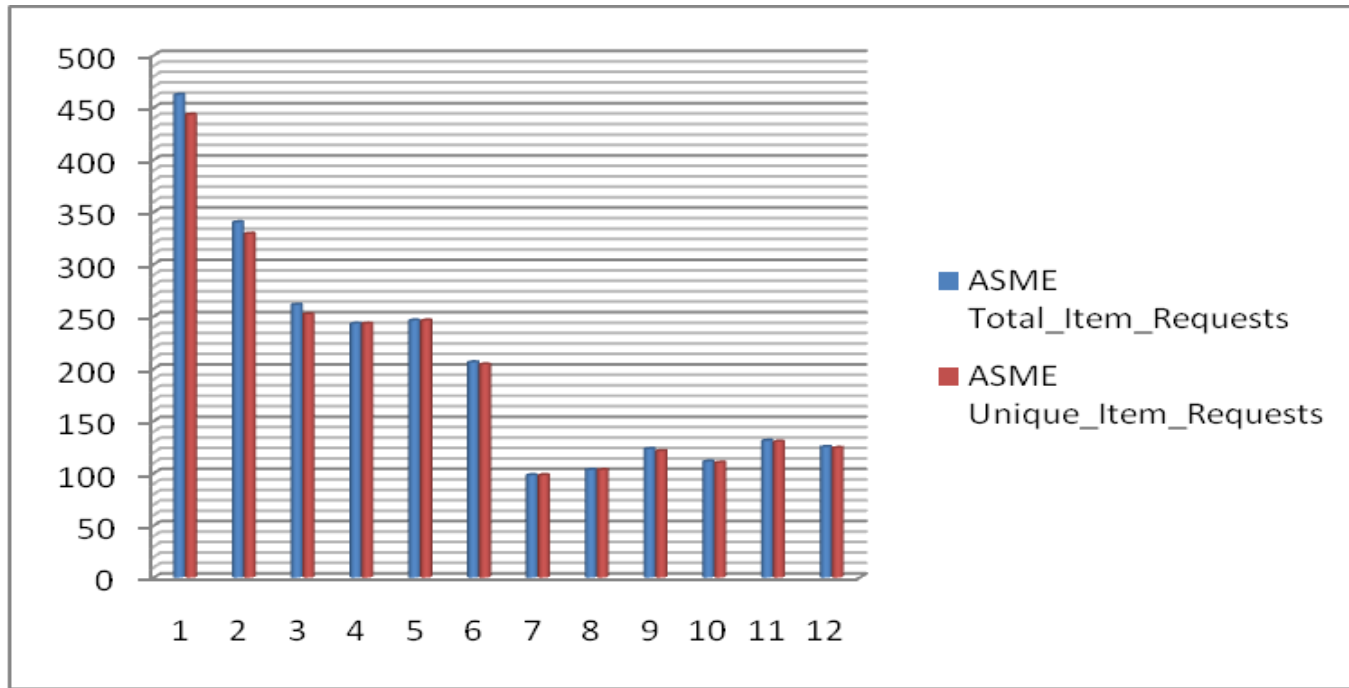
## 2. E-Journals & Database Usage

### 2.1 American Society of Civil Engineering E-Journals



Publisher	Particular	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Total
American Society of Civil Engineers	Total_Item_Requests	676	576	499	549	596	357	173	192	106	338	420	345	4827
American Society of Civil Engineers	Unique_Item_Requests	317	294	270	292	296	191	111	104	57	124	174	160	2390
<b>Total</b>		<b>993</b>	<b>870</b>	<b>769</b>	<b>841</b>	<b>892</b>	<b>548</b>	<b>284</b>	<b>296</b>	<b>163</b>	<b>462</b>	<b>594</b>	<b>505</b>	<b>7217</b>

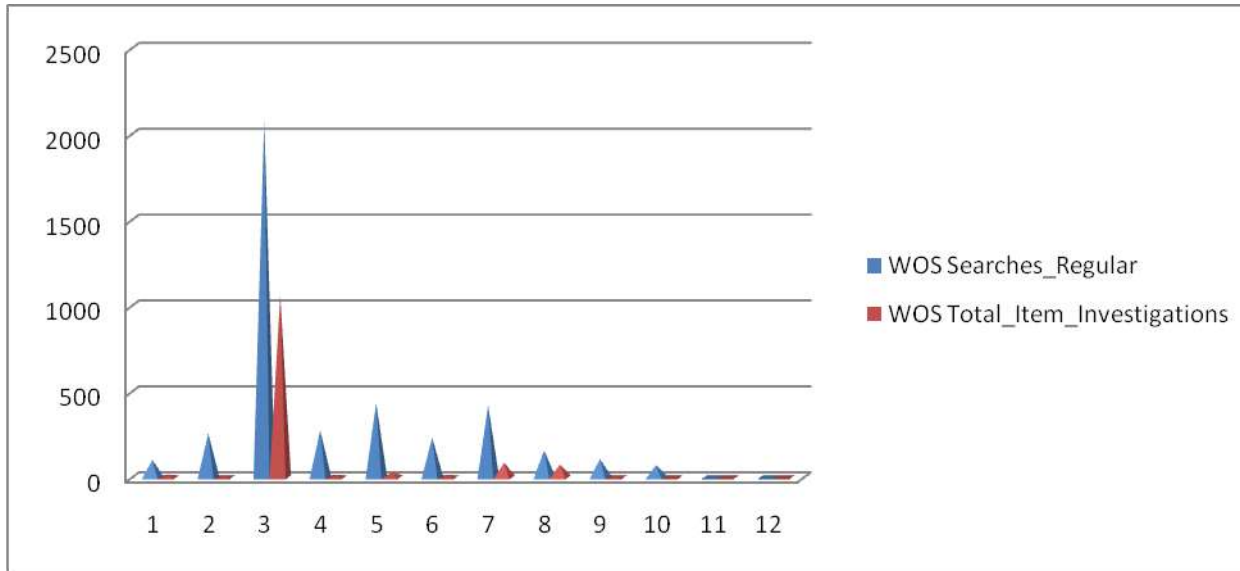
## 2.2 American Society of Mechanical Engineering E-Journals



Publisher	Particular	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Total
ASME	Total_Item_Requests	462	340	261	243	246	206	98	103	123	111	131	125	2449
ASME	Unique_Item_Requests	443	329	252	243	246	204	98	103	121	110	130	124	2403
<b>Total</b>		<b>905</b>	<b>669</b>	<b>513</b>	<b>486</b>	<b>492</b>	<b>410</b>	<b>196</b>	<b>206</b>	<b>244</b>	<b>221</b>	<b>261</b>	<b>249</b>	<b>4852</b>



### 2.3 Web of Science



Publisher	Particular	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Total
WOS	Searches_Regular	102	257	2072	275	433	232	419	158	107	71	0	0	4126
WOS	Total_Item_Investigations	16	10	1058	15	30	15	86	76	11	4	0	0	1321
Total		<b>118</b>	<b>267</b>	<b>3130</b>	<b>290</b>	<b>463</b>	<b>247</b>	<b>505</b>	<b>234</b>	<b>118</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>5447</b>



## 2.4 E-books Usage Report

Publisher	Particular	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total
Videeya	E-books	155	81	91	58	653	1301	1289	806	303	0	2052	169	6958
McGraw hill	E-books	433	108	0	186	1	2504	2823	0	777	0	1	50	6883
Pearson	E-books	11	35	45	67	77	81	275	51	107	15	21	75	849
Newage International	E-books	182	181	175	165	180	201	186	188	171	180	193	185	2189
<b>Total</b>		<b>781</b>	<b>405</b>	<b>311</b>	<b>476</b>	<b>911</b>	<b>4087</b>	<b>4573</b>	<b>1045</b>	<b>1358</b>	<b>195</b>	<b>2267</b>	<b>479</b>	<b>16888</b>

## 2.5 MITS E-library Usage

Publisher	Particular	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Total
E-Library	Activity Count	0	0	0	0	284	3367	1194	1733	652	0	42	282	7554
E-Library	Login Count	0	0	0	0	28	1064	306	521	187	0	18	101	2225
E-Library	Search Count	0	0	0	0	212	1835	721	985	397	0	18	111	4279
E-Library	Download Count	0	0	0	0	44	468	167	227	68	0	16	70	1060
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>568</b>	<b>6734</b>	<b>2388</b>	<b>3466</b>	<b>1304</b>	<b>0</b>	<b>94</b>	<b>564</b>	<b>15118</b>

## 2.6 Issue/ Return Transaction

Publisher	Particular	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Total
Issue Transaction	Books	202	64	240	59	85	165	55	274	1085	3206	6460	77	11972
Return Transaction	Books	1422	1135	1528	564	532	630	207	954	3856	797	949	906	13480



<b>Total</b>	<b>1624</b>	<b>1199</b>	<b>1768</b>	<b>623</b>	<b>617</b>	<b>795</b>	<b>262</b>	<b>1228</b>	<b>4941</b>	<b>4003</b>	<b>7409</b>	<b>983</b>	<b>25452</b>
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