Open Access eTDs
Evidence from India

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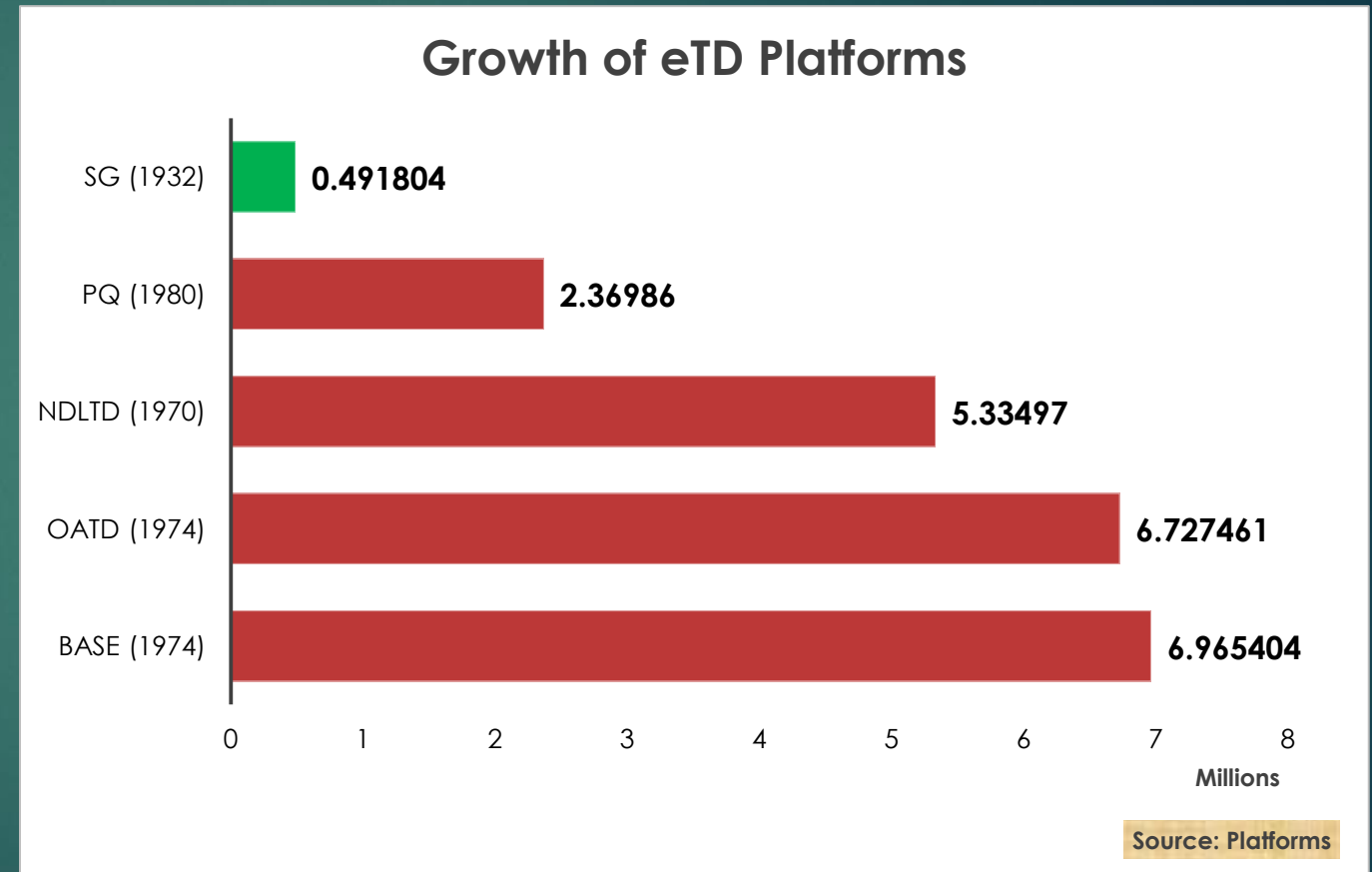VIKRAM SARABHAI LIBRARY | INDIAN INSTITUTE OF MANAGEMENT AHMEDABAD

eTD Repositories
International and Indian Scenario

Thesis & Dissertations – the fundamental element and one of the criteria for institutional rankings.

- **BASE**: 1974-2023
- **OATD**: 1974-2023
- **NDLTD**: 1970-2023
- **PQ**: 1980-2023
- **SG**: 1932-2023

Growth of eTD Platforms

Platform	Value (Millions)
SG (1932)	0.491804
PQ (1980)	2.36986
NDLTD (1970)	5.33497
OATD (1974)	6.727461
BASE (1974)	6.965404

Millions

Source: Platforms
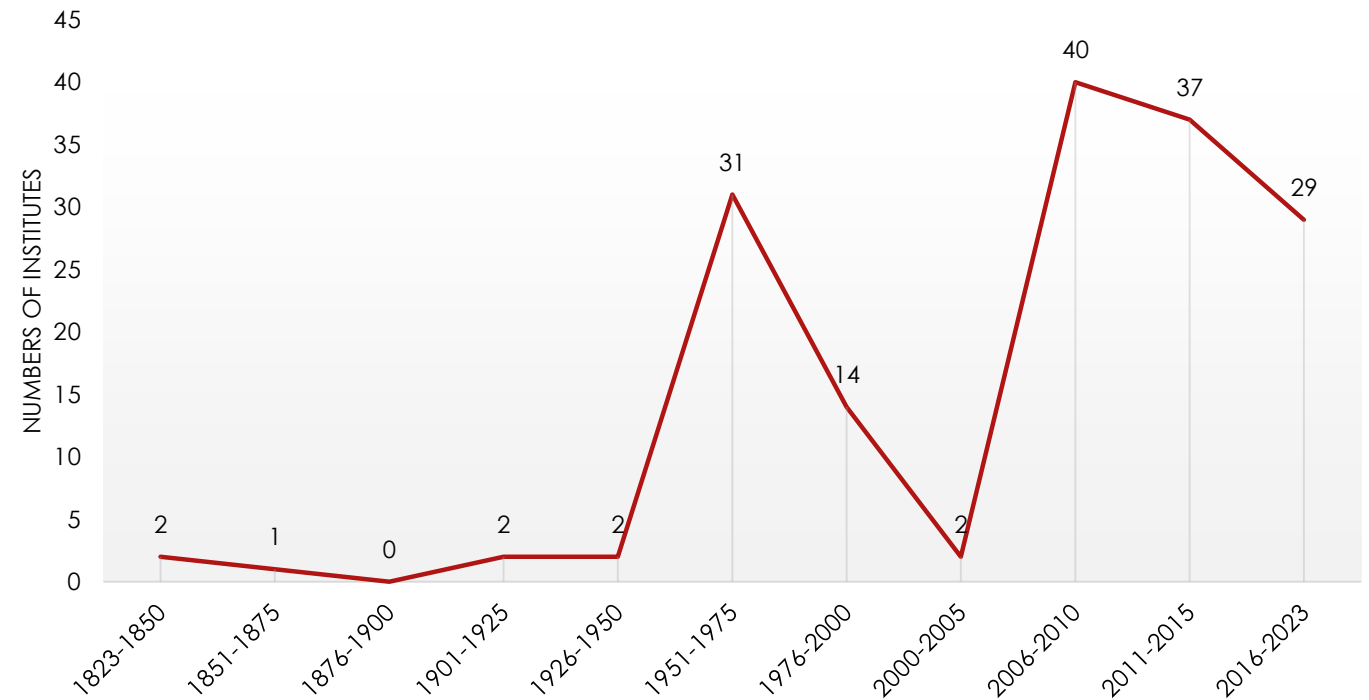
Institutions of National Importance
The Indian Scenario

- IIT- 23
- NIT- 31
- IIIT- 24
- IIM- 20
- AIIMS- 19
- IISER- 8

- NIPER- 7
- NID- 5
- SPA- 3
- NIFTEM- 2
- Others- 18

Total= 160

Growth of Institute with National Importance

NUMBERS OF INSTITUTES

45
40
35
30
25
20
15
10
5
0

2 · 1 · 0 · 2 · 2 · 31 · 14 · 2 · 40 · 37 · 29

1823-1850 · 1851-1875 · 1876-1900 · 1901-1925 · 1926-1950 · 1951-1975 · 1976-2000 · 2000-2005 · 2006-2010 · 2011-2015 · 2016-2023

SOURCE: MINISTRY OF EDUCATION (AS OF 13/10/2023)

Best growth was shown on the first four (1950-75) & 11th (2006-2010) 5 year plans.

Availability of Repositories
Current Status

Yes
- IIT- 19
- NIT- 8
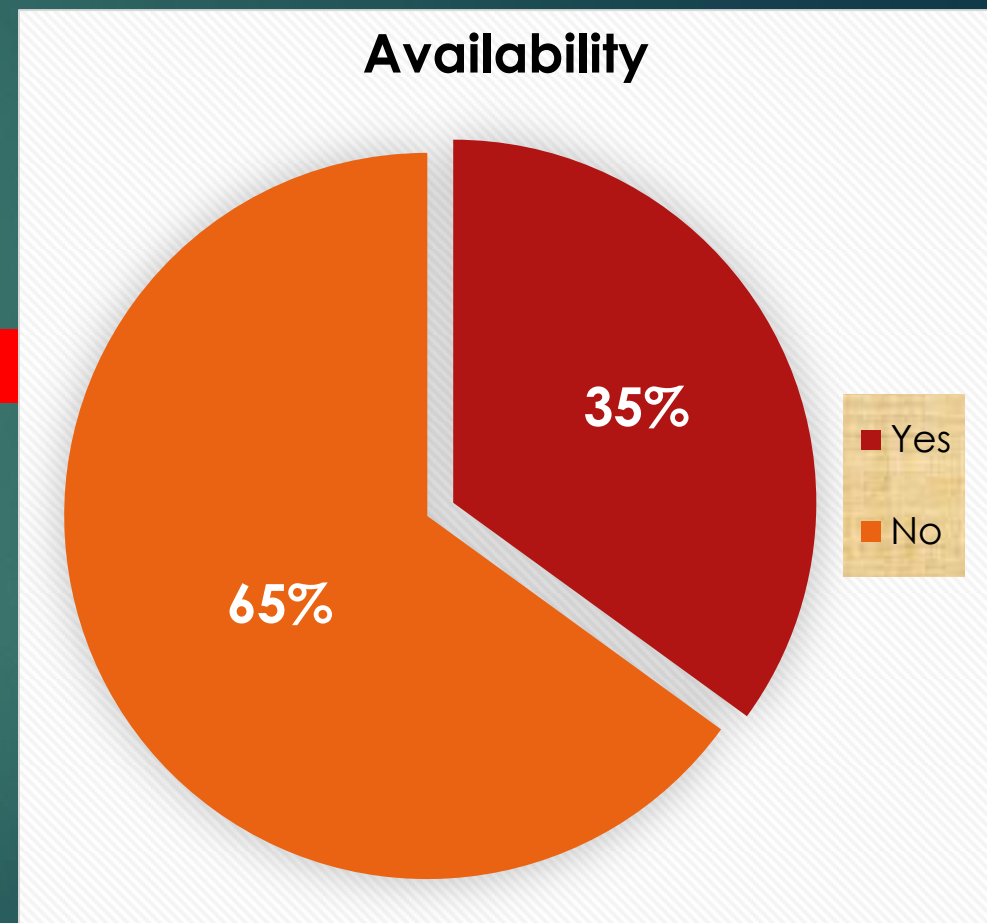- IIM- 8
- IISER- 6
- IIIT- 1
- Others- 11
- AIIMS- 3

Total= 56

NO
- IIT- 4
- NIT- 23
- IIM- 12
- IISER- 2
- IIIT- 23
- AIIMS- 16
- NID- 5
- NIPER- 5
- NIFTEM- 1
- SPA- 1
- Others- 12

Total=104

Availability

- 35% Yes
- 65% No

Ease of Access & Application
The Indian Scenario

Internet

- IIT- 15
- NIT- 5
- IIM- 5
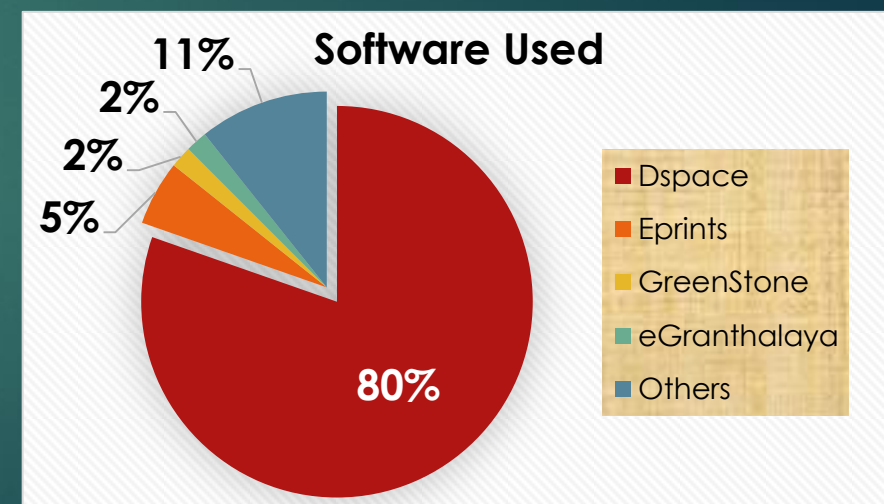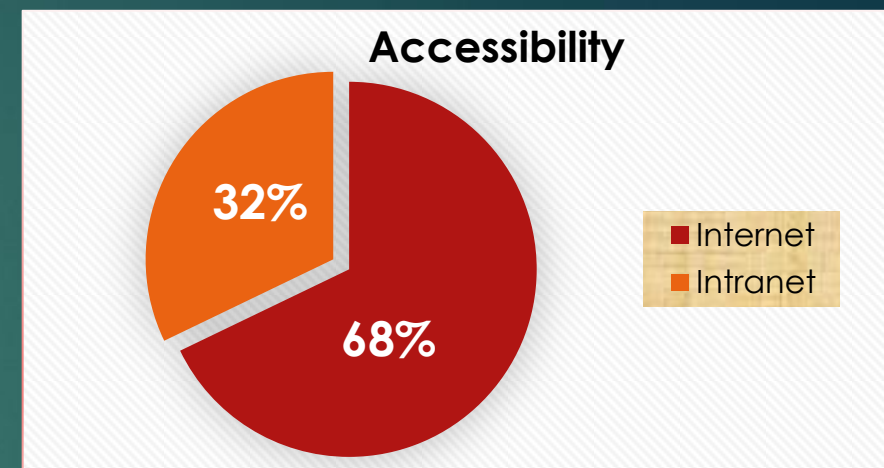- IISER- 3
- Others- 10

Total= 18

Intranet

- IIM- 3
- IIT- 4
- NIT- 3
- IISER- 3
- Others- 5

Total=

Software

- DSpace- 45
- EPrints- 3
- GreenStone- 1
- eGranthalaya- 1
- Others- 6

Accessibility

- Internet: 68%
- Intranet: 32%

Software Used

- Dspace: 80%
- Eprints: 5%
- GreenStone: 2%
- eGranthalaya: 2%
- Others: 11%

38

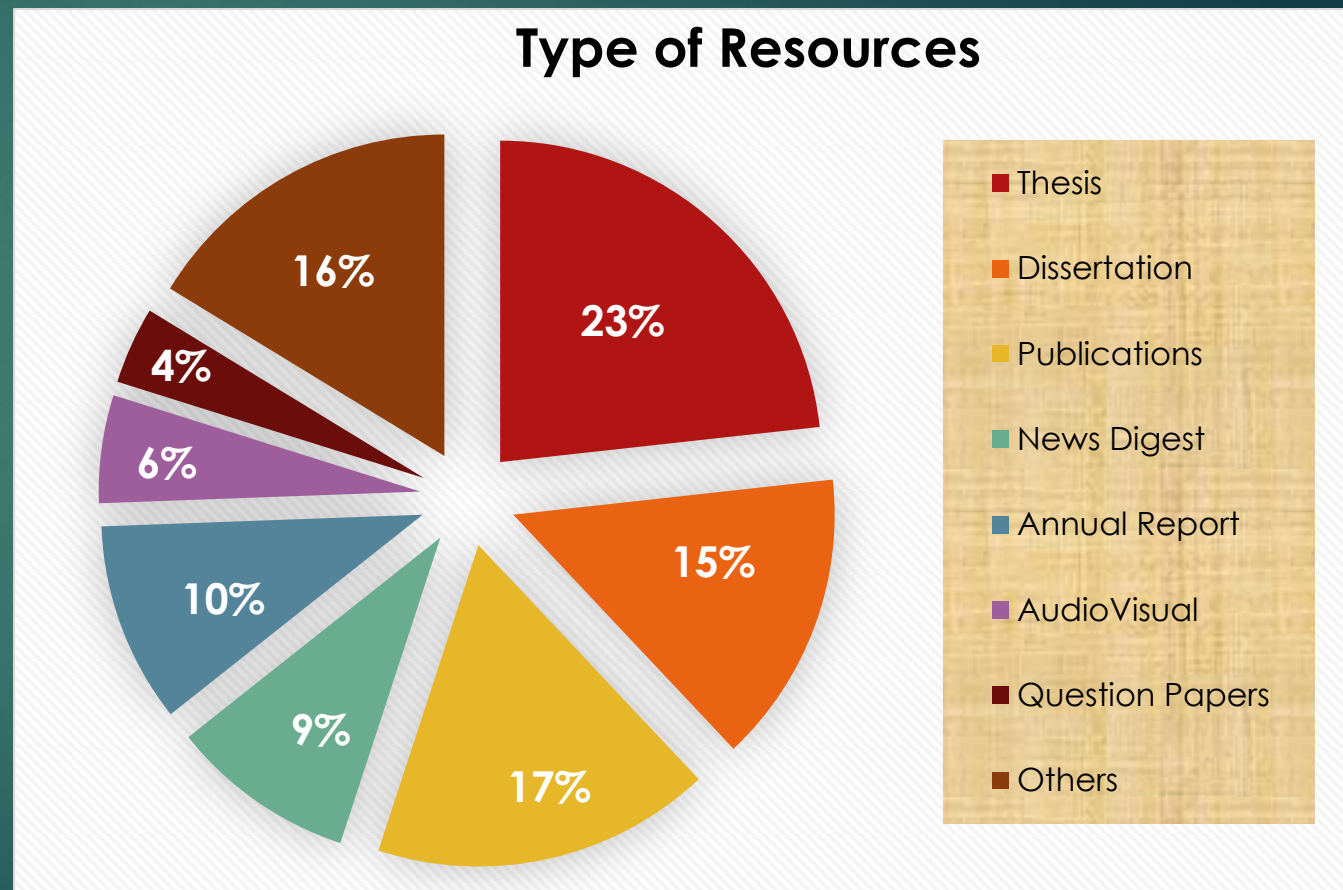# Types of Resources
The Context of Thesis & Dissertation

Thesis

- IIT- 11
- IIM- 5
- NIT- 5
- IISER- 2
- SPA- 2
- Others- 5

Dissertation

- IIT- 6
- IIM- 4
- NIT- 3
- IISER- 2
- SPA- 2
- Others- 2

Type of Resources

Legend:
- Thesis — 23%
- Dissertation — 15%
- Publications — 17%
- News Digest — 9%
- Annual Report — 10%
- AudioVisual — 6%
- Question Papers — 4%
- Others — 16%

Shodhganga
The National Reservoir of India

Yes

- IIT- 22
- IIM- 10
- NIT- 30
- IISER- 6
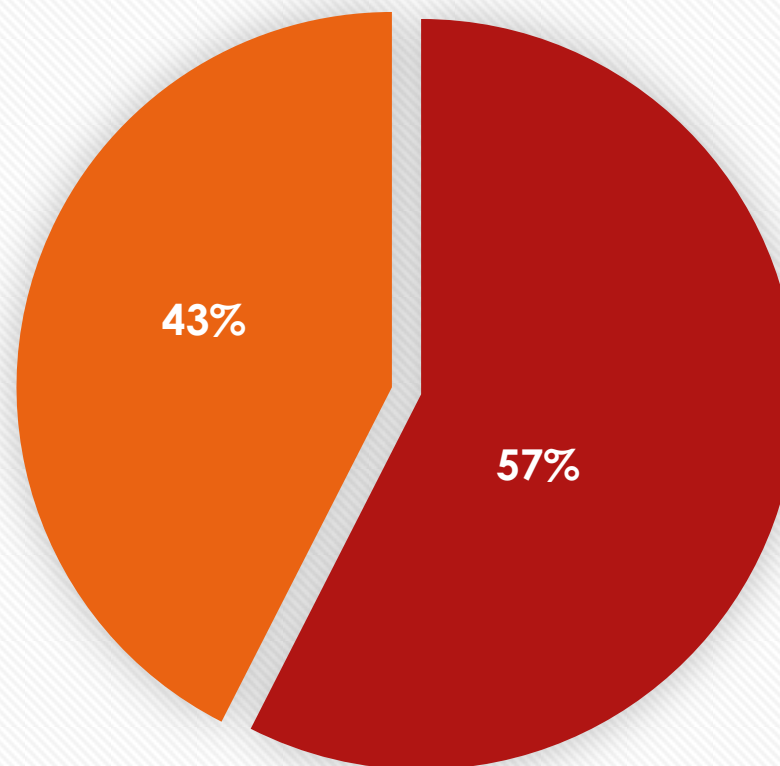- NIPER- 6
- IIIT- 7
- SPA- 3
- Others- 8

Total= 92

No

- IIT- 1
- IIM- 10
- NIT- 1
- AIIMS- 19
- IIIT- 17
- IISER- 2
- NID- 5
- Others- 13
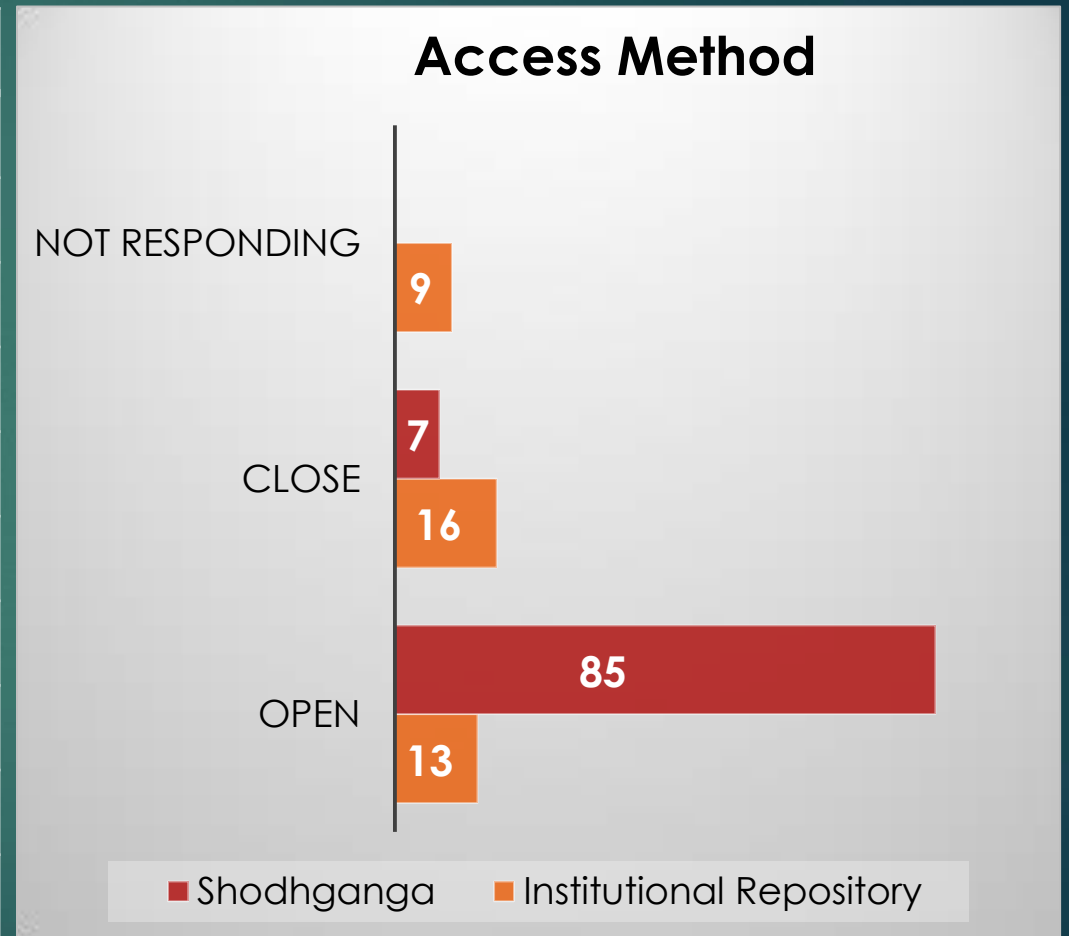
Total= 68
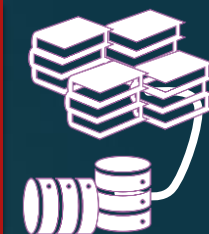
Submitting in Shodhganga

43%

57%

Yes
No

Access to eTDs
Open v/s Close

	Shodhganga		Institutional Repository	
	Open	Closed	Open	Closed
IIIT	7	0	0	0
IIM	7	3	0	5
IIT	20	2	5	5
NIT	29	1	3	1
IISER	5	1	2	0
NIPER	6	0	0	0
SPA	3	0	0	2
Others	8	0	3	3
Total	**85**	**7**	**13**	**16**

Access Method

NOT RESPONDING — 9

CLOSE — 7 (Shodhganga), 16 (Institutional Repository)

OPEN — 85 (Shodhganga), 13 (Institutional Repository)

■ Shodhganga ■ Institutional Repository

Open Access
Different Methods

	Shodhganga		Institutional Repository	
	Full	Embargo	Full	Embargo
IIIT	7	0	3	0
IIM	6	1	0	0
IIT	18	2	0	2
NIT	28	1	2	1
IISER	5	0	0	2
NIPER	5	1	0	0
SPA	3	0	0	0
Others	7	1	2	1
Total	**79**	**6**	**7**	**6**

Open Access System

EMBARGOED
- 6 (Institutional Repository)
- 6 (Shodhganga)

FULLY OPENED
- 79 (Institutional Repository)
- 7 (Shodhganga)

■ Institutional Repository ■ Shodhganga
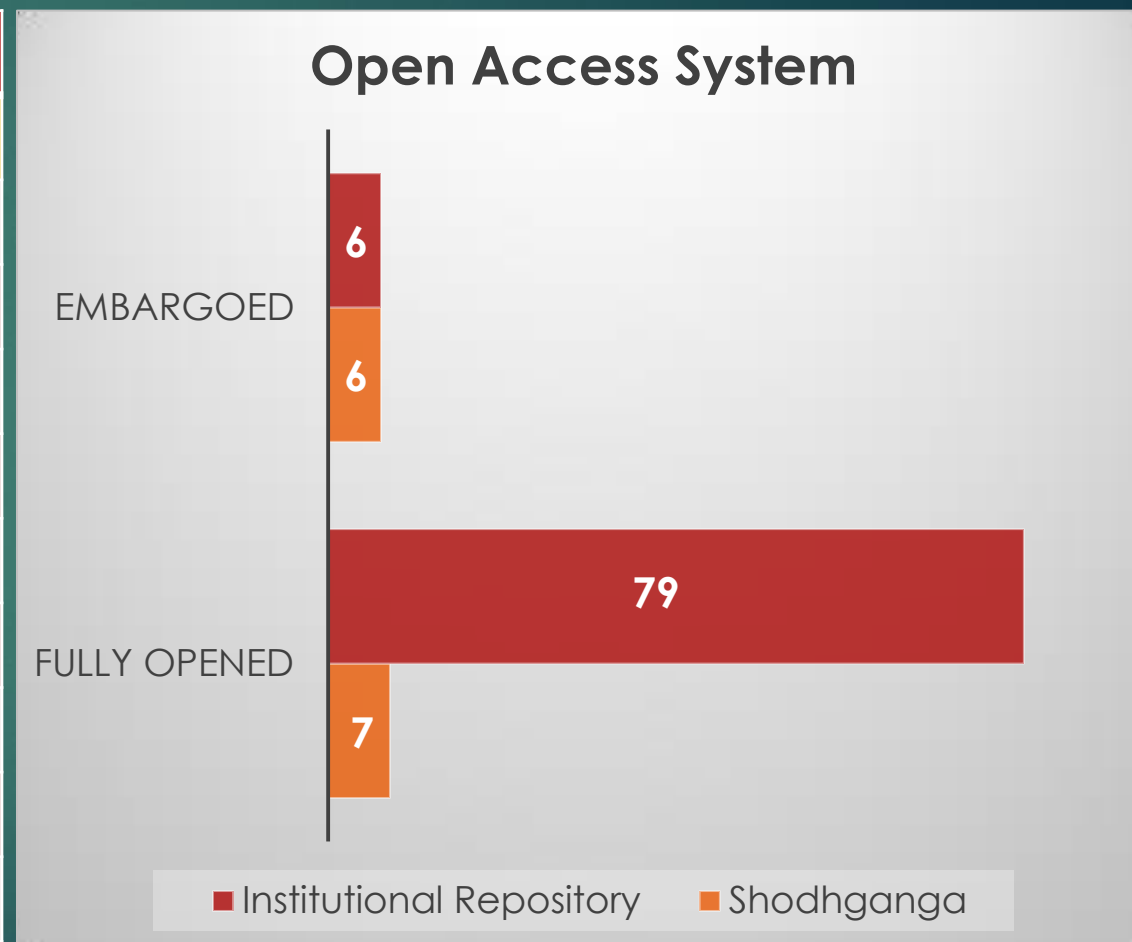
Closed Access
Different Methods

	Shodhganga		Institutional Repository	
	Fully	Chapter	Fully	Chapter
IIM	0	3	4	1
IIT	0	2	2	3
NIT	1	0	0	1
IISER	1	0	0	0
SPA	0	0	2	0
Others	0	0	3	0
Total	**2**	**5**	**11**	**5**

Closed Access System

CHAPTER CLOSED
- 2 (Shodhganga)
- 5 (Institutional Repository)

FULLY CLOSED
- 5 (Shodhganga)
- 11 (Institutional Repository)

■ Shodhganga ■ Institutional Repository
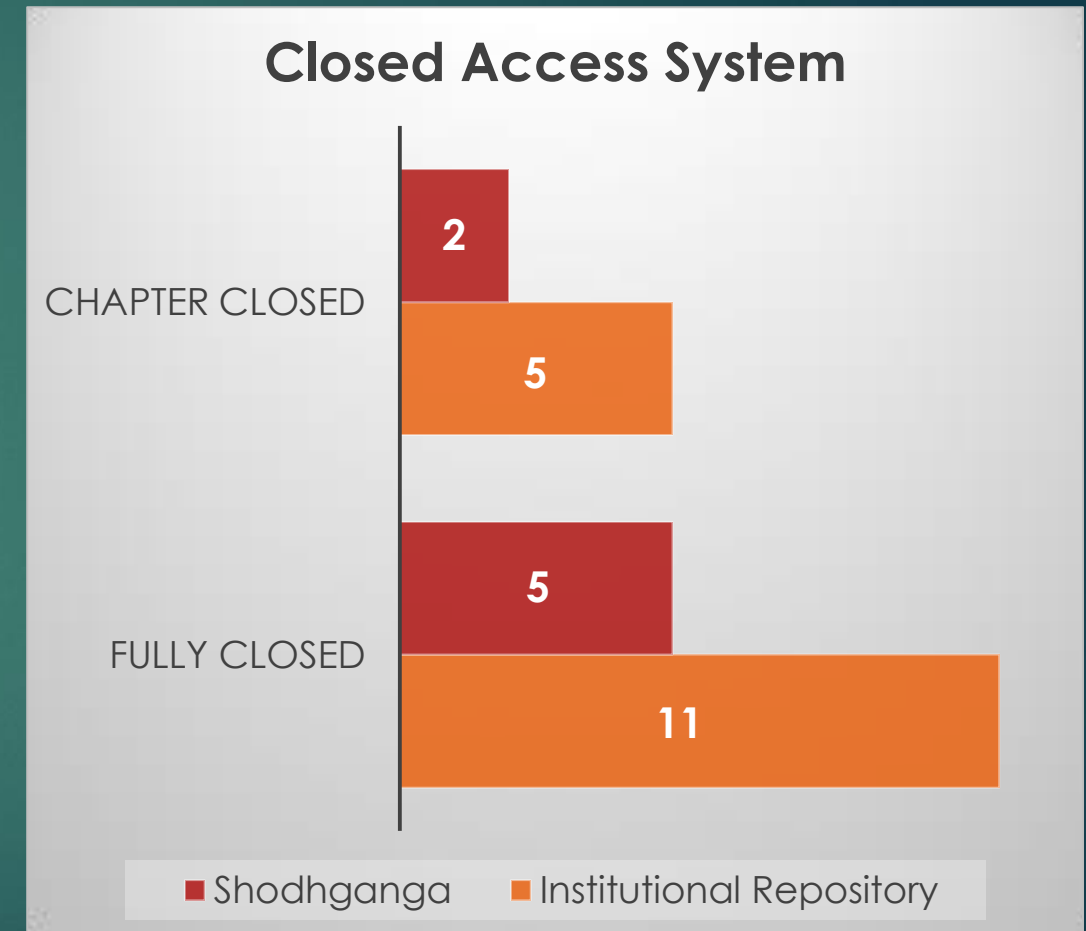
No of Thesis & Dissertation
The Total Figure

	Shodhganga	Institutional Repository
IIM	308 (10)	1102 (5)
IIT	10103 (22)	21629 (10)
NIT	4988 (30)	2376 (4)
IISER	1307 (6)	534 (2)
SPA	79 (3)	8 (1)
IIIT	366 (7)	0
NIPER	109 (6)	0
Others	4334 (8)	7018 (5)
Total	**21594 (92)**	**32667 (27)**

Thesis Availability

NO OF INSTITUTE: 27 | 92

NO OF THESIS: 32667 | 21594

■ Institutional Repository ■ Shodhganga
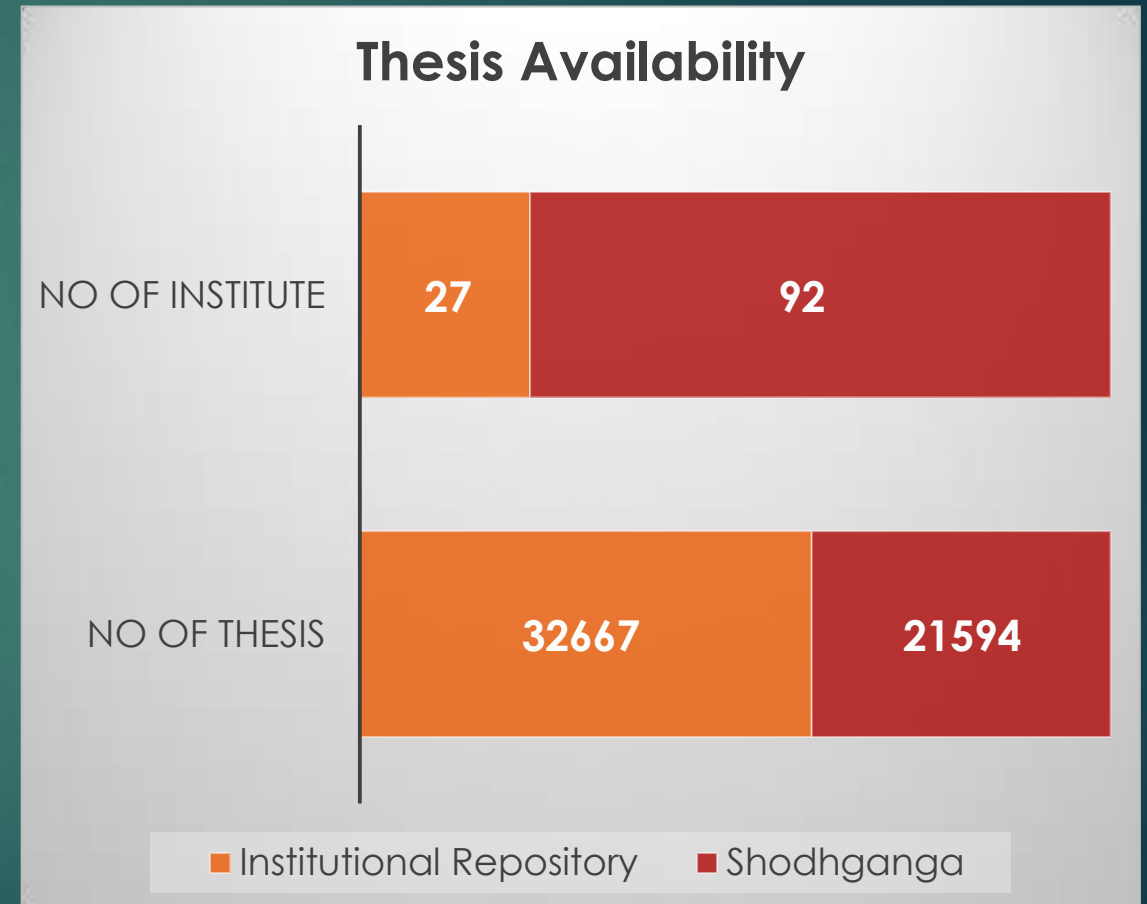
Frequency of Up-to-Date
The Context of Growth

	Shodhganga		Institutional Repository	
	Frequent	Irregular	Frequent	Irregular
IIM	8	2	4	1
IIT	22	0	10	0
NIT	30	0	3	1
IISER	3	3	2	0
SPA	3	0	2	0
IIIT	7	0	0	0
NIPER	6	0	0	0
Others	5	3	5	1
Total	**84**	**8**	**26**	**3**

Uptodateness

IRREGULAR
- Shodhganga: 8
- Institutional Repository: 3

FREQUENTLY
- Shodhganga: 84
- Institutional Repository: 26

■ Shodhganga ■ Institutional Repository
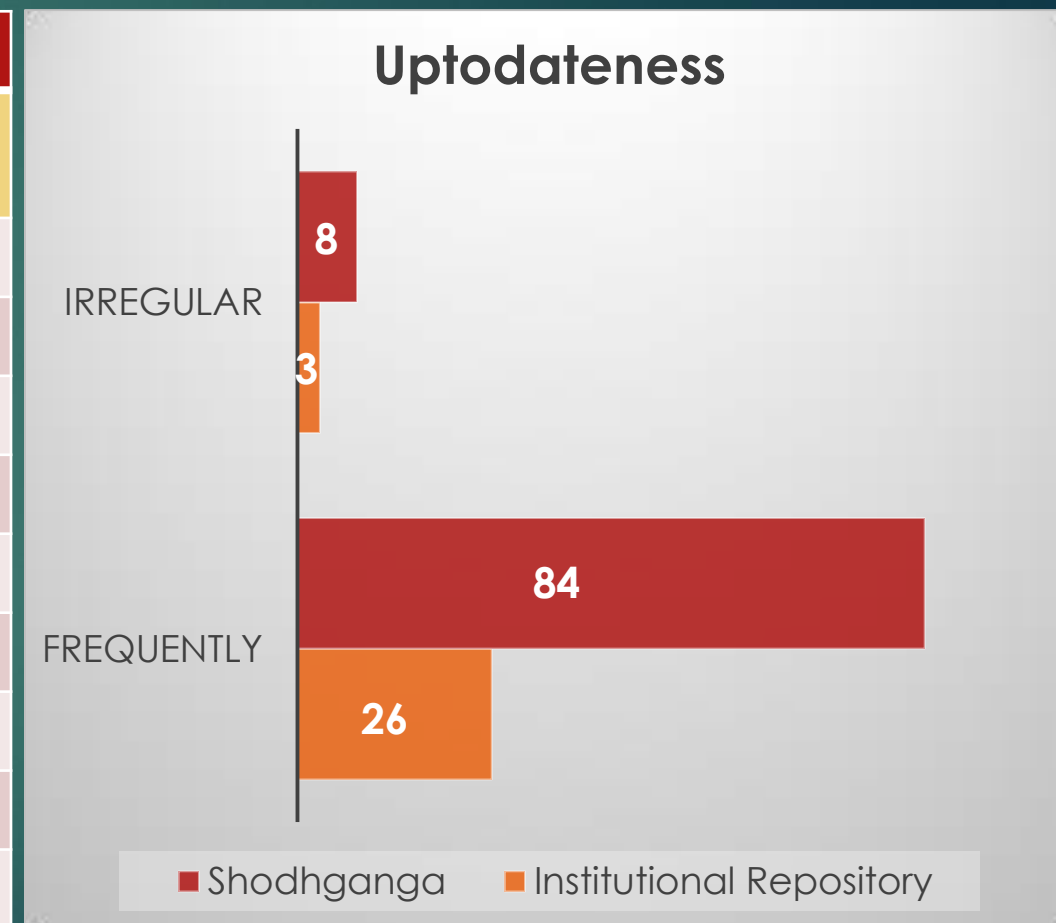
Observations & Outcomes

- Less no of IRs.

- Lack of support (financial/technical), manpower, and infrastructure.

- UGC Mandate for INIs & IEs for Shodhganga.

- No Policies for IRs.

- Less contributions from the top level INIs.

- Updating and growth are very slow.
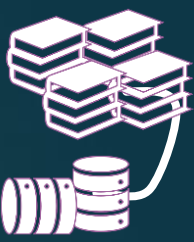
- No backfiles.

Conclusion & Suggestions

- Increase awareness of IRs & Open Access.

- INFLIBNET – the support system.

- NDLI – an alternate option.

- Framing of Policies.

- Encourage the institutions to contribute more in Shodhganga with backfiles to support the academic as well as the research community.

Thank You

Q&A – If any!

You may also write to us at

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