



**CONTRIBUTION OF ELECTRONIC
THESES AND DISSERTATIONS' (ETD S)
BY THE UNIVERSITIES OF ANDHRA
PRADESH TO THE SHODHGANGA
PROJECT OF INFLIBNET:
A STUDY**

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Abstract :

- Present study is focused on ETDs submission made by various universities in Andhra Pradesh (i.e State, central, deemed, private) in shodhganga project. .
- One of the main objectives of the research is to present the ETD's scenario in Andhra Pradesh's universities.
- In this study observation method was used to collect the data, it is completely web based. Data analysis was done using the Excel programme, respectively.
 - The report highlights contributions made to Shodhganga by various universities in Andhra Pradesh from May , 2023 to July 2023.
 - The data is categorized into several key areas, including total contributions, types of universities, top contributing departments in the top five universities, language-wise contributions, and universities with the highest contribution.
- The study concludes that a total of 20 universities in Andhra Pradesh have contributed 23,923 theses to Shodhganga. among these, 22,860 ETDs are in the English language.

Introduction :

- Theses are described as comprehensive and valuable sources of information for research, often serving as crucial resources for researchers.
- Theses are considered significant but are not easily accessible to the public. This lack of accessibility can hinder research progress.
- The online accessibility of ETDs through digital repositories is seen as a way to enhance research quality by reducing duplication and facilitating information sharing.
- various initiatives in India, such as Vidyanidhi, CSIR exploration, DELNET, and the Indian National Theses Database, among which Shodhganga stands out.
- According to the University Grants Commission (UGC) notification from 2016, researchers in Indian universities are required to submit electronic versions of their theses and dissertations to facilitate open access through "Shodhganga."

Shodhganga:

- Shodhganga is an archive of Indian intellectual output hosted and maintained by the INFLIBNET Centre.
- It allows research scholars to upload their doctoral theses, making them openly accessible to the scholarly community.
- Shodhganga mimics the academic structure of each university. University research scientists can more easily deposit their theses in the appropriate Department,
- It was built using the OAI-PMH compliant open-source program DSpace, and its purpose is to collect, preserve, index, share, and maintain knowledge produced by Indian universities. It is noted that previous initiatives, like the Vidyanidhi Project, struggled due to a lack of updates but have improved with the involvement of UGC and INFLIBNET.
- As per 31st July 2023, 739 universities are uploading more than 4,78,118 theses, and the universities of Andhra Pradesh(include state, central, private, deemed) contributed the 23,923 theses.

Review of Literature :

- Panda(2016). Analyze the development and present state of Shodhganga, an Indian electrical technology reservoir.
- Sivakumaren, K.S. (2015). The electronic theses and dissertations from Indian universities in the Shodhganga project were examined for this study.
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- Verma & Sengupta (2019) conducted research on the contributions of ETDs made by state institutions in Maharashtra to the open access repository of Shodhganga by INFLIBNET
- Ankita Solai (2021) examines how the central universities of Northeast India contributed electronic theses and dissertations to the Shodhganga Project

Objectives:

- **MOU Signings in Andhra Pradesh:** Find out how many universities in Andhra Pradesh have signed an MOU (Memorandum of Understanding) with the INFLIBNET of Shodhganga project
- **Ranking of Andhra Pradesh Universities:** Ranking of the universities of Andhra Pradesh based on the Shodhganga's ETD contribution.
- **Language-wise Contribution in Andhra Pradesh:** To assess the language wise contribution of theses in Andhra Pradesh universities to the Shodhganga project of INFLIBNET.
- **Shodhganga Contribution by Top Five Universities** To analysis the contribution of ETD's by top five universities in Shodhganga project.
- **Theses Submitted by Top Five Departments:** To examine the theses submitted by the top five departments at the top five universities in Shodhganga,

Methodology :

- The observation method to gather data, which involves observing behavior, events, or physical traits in their natural context. In this research , the focus was on observing the categories of universities and their contributions to Shodhganga.
- Data is collected from May 2nd to July 31st, 2023, during which information related to the universities' contribution is observed.
- Collected data categorized into four major categories based on the type of universities in Andhra Pradesh: state universities, central universities, deemed universities, and private universities.
- out of the 28, 14 state universities, 1 central university, 4 deemed universities, and 3 private universities in Andhra Pradesh, only specific ones had signed an MOU with the Shodhganga project.
- The collected data was analyzed in various ways, including overall contributions of theses, department-wise contributions, language-wise contributions, contributions from the top five departments in the top universities, and identifying the most productive universities in Andhra Pradesh.

Language wise ETD's contribution in universities of Andhra Pradesh:

S.No	Languages	No. of theses contribution
1	English	22860
2	Telugu	423
3	Hindi	232
4	sanskrit	56
5	Other languages	286
6	Unspecified languages	65

State Universities:

Out of 28 state universities, 14 have signed MoUs with Shodhganga @ Inlibnet.

Central Universities:

Out of 3 central universities, only 1 has signed MoU with Shodhganga @ Inlibnet.

Private Universities:

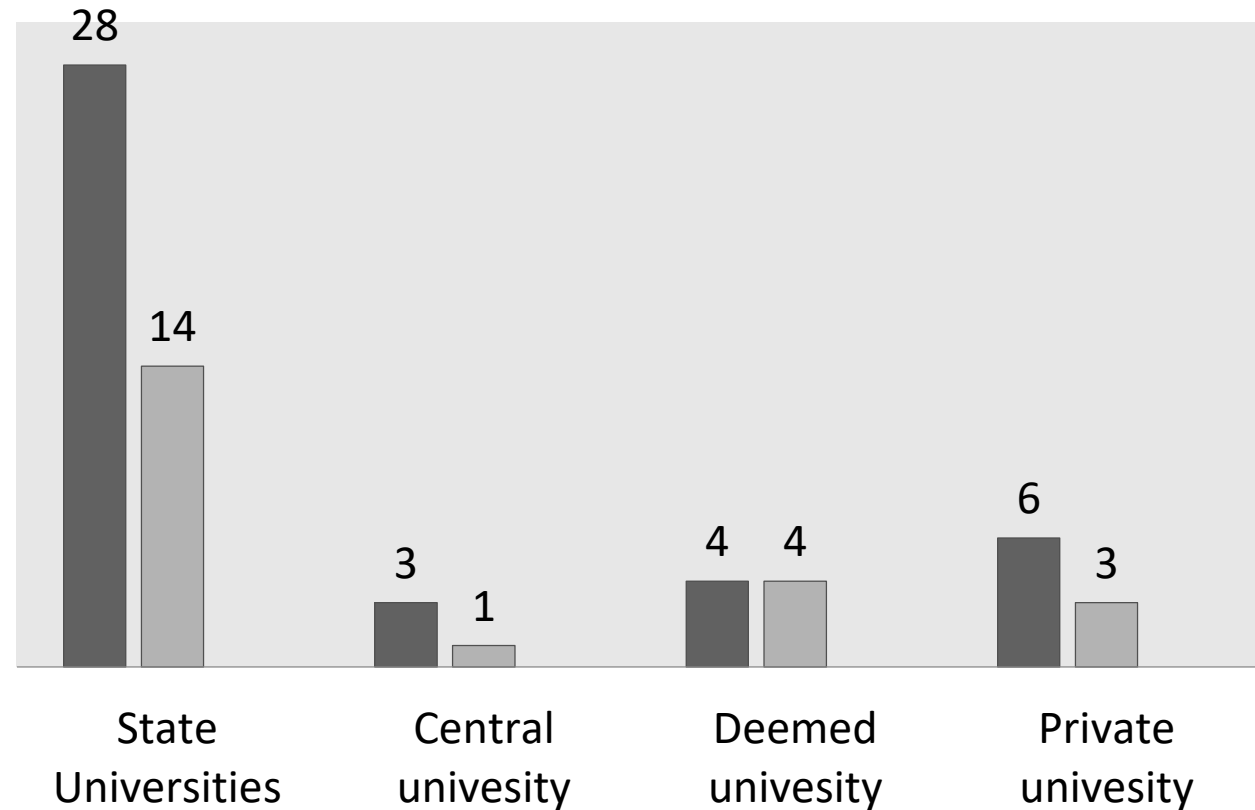
Out of 6 private universities, 3 have signed MoUs with Shodhganga @ Inlibnet.

Deemed Universities:

4 deemed universities have signed MoUs with Shodhganga @ Inlibnet.

Number of universities signed with shodhganga

■ No. of uni ■ MoU signed univ.

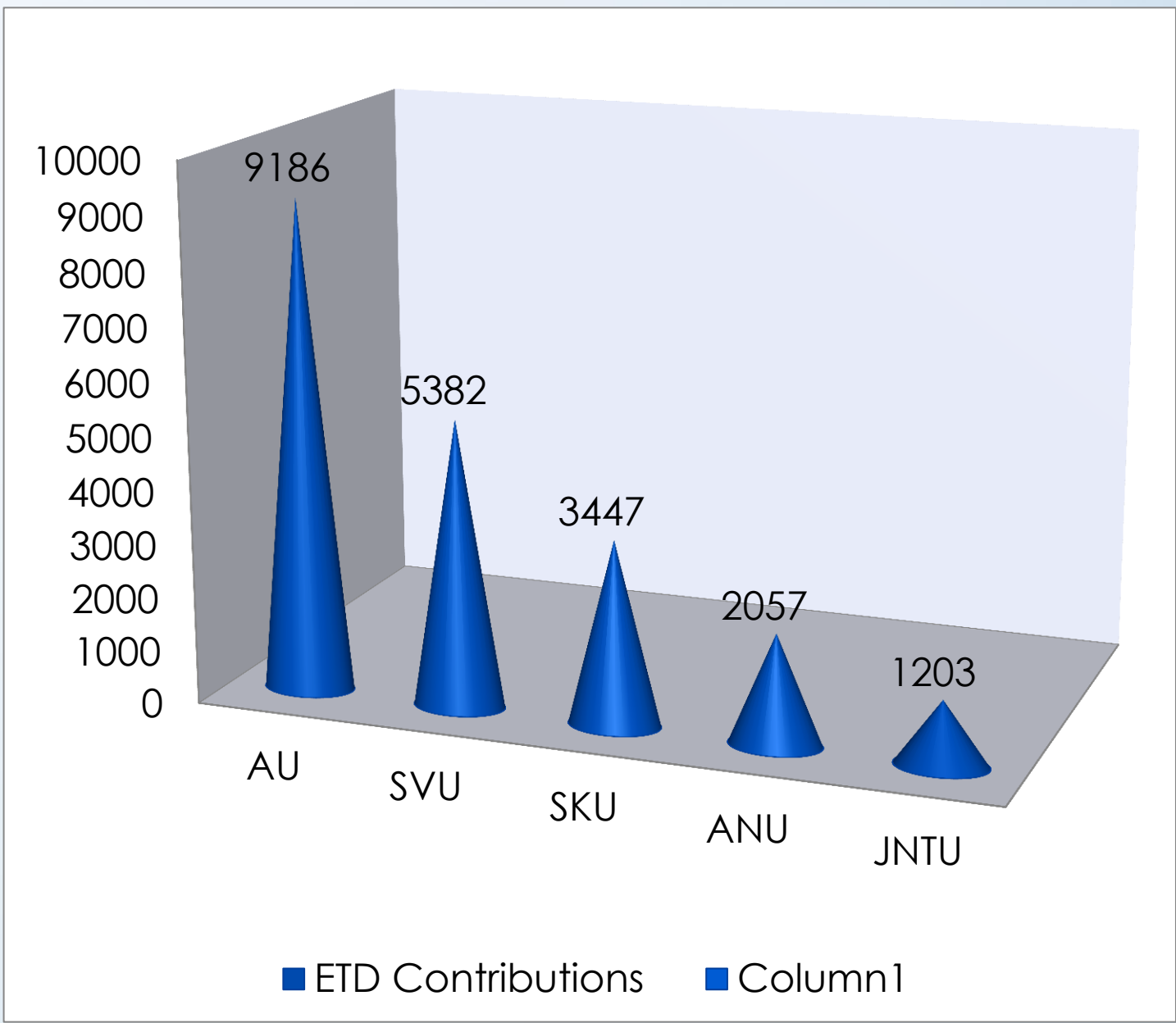


Rank	Name of the University	ETD's Contributions
1	Andhra University	9186
2	Sri Venkateswara university	5381
3	Sri Krishnadevaraya university	3444
4	Acharya Nagarjuna university	2058
5	Jawaharlal Nehru Technological university Anantapur	1203
6	Gandhi Institute of Technology and Management	824
7	Koneru Lakshmaiah Education Foundation	709
8	Jawaharlal Nehru Technological university, Kakinada	310
9	Sri Padmavathi Mahila Viswavidyalayam	237
10	Vignani's Foundation for Science, Technology & Research	177

Rank	Name of the University	ETD's Contributions
11	Yogi Vemana university	86
12	Krishna university	69
13	Aadikavi Nannaya University	55
14	Dravidian University	53
15	National Sanskrit University	46
16	Sri Venkateswara Institute of Medical Sciences	21
17	Dr. Y.S.R Horticultural University	24
18	Sri Sathya Sai Institute of Higher Learning	24
19	VIT-AP University	15
20	Krea University	1
21	Vikram Simhapuri University	0
22	SRM University	0
	Total	22,923

ETD's Contribution by Top Five universities

It appears that Andhra University holds the top position, followed by Sri Venkateswara University, Sri Krishnadevaraya University, Acharya Nagarjuna University, and Jawaharlal Nehru Technological University, Anantapuram.



Findings of the Research:

- The Universities in Andhra Pradesh contributed 23,923 theses to Shodhganga
- Among these universities, Andhra University has deposited highest number of theses to shodhganga.
- There are total of 41 universities in Andhra Pradesh. Where, 28 are state universities, 3 are central universities, 4 are deemed universities and 6 are private universities.
- Out of 28 state universities, only 14 universities have signed MOU with shodhganga and 13 universities have the ETD contribution. Out of 3 central universities only 1 central university has MOU with shodhganga project while 4 deemed universities and 3 out of 6 private universities has MOU with shodhganga project.
- Among the total of 23,923 theses, 22,860 thesis are in English, 423 theses in Telugu, 232 theses in Hindi, 56 theses in Sanskrit language, 286 theses in other languages and 65 theses in unspecified languages.
- It is found that, Out of total 23,923 ETDs, 21,275 (88%) ETDs are the submitted by the top five universities.

Conclusion:

- Based on the above study, it is concluded that the total contribution of ETDs (i.e., 4, 72,118 contributions from 739 universities) from AP universities are 5%. It is also found that, the well reputed universities such as ANU, DU SPMVV universities were contributed very few theses. The results led to the following recommendations:
- **Increased Participation:** it is recommended that the university officials, library professionals of the universities should take the initiative to resolve this situation by contributing them to shodhganga project to increase the number of ETDs in the repository.
- **Language Metadata:** Universities are suggesting mentioning the languages of their research output, while uploading their research content on shodhganga website.
- **Workshops and Training:** Workshops, training programs should be organized highlighting the issue of copyright choice of access etc. library professional should take the opportunity to gain the knowledge in ETD repositories.
- **Accreditation Consideration:** When evaluating the universities, accreditation organizations like NAAC, NBA, and NIRF should provide the credentials for the active and regular participation in contributing their theses to the shodhganga project.

Thank You