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E-Theses and Dissertation (ETD) Access through Ugc-Shodhganga: The Special Reference to Alagappa University, Karaikudi, India

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E-Theses and Dissertation (ETD) Access through Ugc-Shodhganga: The Special Reference to Alagappa University, Karaikudi, India

ABSTRACT

The study analysed that ETD copies submitted to UGC-Shodhganga, the Alagappa University has successfully completed task and being uploaded soft copies of thesis also the retro conversion of theses between printed to soft copies into Shodhganga @INFLIBNET portal. The total no. of 1789 theses uploaded by Alagappa University to Shodhganga @INFLIBNET portal from during 1988-2018. It has found that maximum 311(17.38%) of the theses submitted by Dept. of Education out of 1789 total theses of Alagappa University. It followed by Dept. of Industrial Chemistry submitted 245 (13.69%) of the theses to Shodhganga. The majority 1677 (93.73%) of theses appeared in English languages rest of theses published in Tamil language. Further, the study revealed that majority 45 (2.51%) of the theses supervised by Prof. S. Mohan from Dept. of Education, it followed by Prof. R. Thirumalaisamy has 38(2.12%) of the theses in the Dept. of Physical Education.

Keywords: ETD, Shodhganga, D Space, INFLIBNET, UGC, Theses and OAI-PMH

Introduction

"Shodhganga" is the name coined to denote digital repository of Indian Electronic Theses and Dissertations set-up by the INFLIBNET Centre. The word "Shodh" originates from Sanskrit and stands for research and discovery. The "Ganga" is the holiest, largest and longest of all rivers in Indian subcontinent. The Ganga is the symbol of India's age-long culture and civilisation, ever changing, ever-flowing, ever-loved and revered by its people, and has held India's heart captive and drawn uncounted millions to her banks since the dawn of history. Shodhganga stands for the reservoir of Indian intellectual output stored in a repository hosted and maintained by the INFLIBNET Centre. The Shodhganga@ INFLIBNET is set-up using open source digital repository software called D-Space developed by MIT (Massachusetts Institute of Technology) in partnership between Hewlett- Packard (HP). The D-Space uses internationally recognized protocols and interoperability standards. Shodhganga provides a platform for research scholars to deposit their Ph.D. theses and make it available to the entire scholarly community in open access. The repository has the ability to capture, index, store, disseminate and preserve ETDs (Electronic Theses and Dissertations) submitted by the researchers.(UGC-Sodhganga)

The Indian ETD Repository Shodhganga was originated in 2009 with an aim to facilitate OA to Indian theses for the worldwide academic community. The project originated as a part of The UGC Regulation 2009 (Minimum Standards & Procedure for Award of MPhil/PhD Degree) of 1 June 2009. This insisted on mandatory submission of e-theses. As per the Regulation, the task of creating, hosting, maintaining and making the digital repository of Indian ETDs, accessible to all institutions and universities, is assigned to the INFLIBNET Centre. INFLIBNET is one of the autonomous inter-university centres of the UGC, initiated in 1991 for the development of library and information studies in the country, including providing the high-speed data network (UGC-Infonet), the promotion of scholarly communication among academicians and researchers and the development of the UGC-Infonet Digital Library Consortium (Chand and Arora, 2008).

Alagappa University

Alagappa University is one of the early birds to adopt the University Grants Commission (Minimum Standards and Procedures for award of M.Phil and Ph.D. Degree) Regulations, 2009. The guidelines were formed on the lines of UGC regulations as well as on the guidelines of Tamil Nadu State Council for Higher Education (TANSCHE) in important Aspects such as fixing the eligibility criteria for M.Phil/Ph.D Supervisor-ship, Procedure for admission, and Allocation of Research Supervisor to Research Scholars, Course Work, Evaluation and assessment methods. On the advice of RAC, the University conducts an All India Level Pre-PhD Entrance Examination twice a year (February and July) for

selecting meritorious candidates for M.Phil and Ph.D. programs in various disciplines.

Review of Literature

A number of studies have been published on the digital preservation strategies, experience of developing institutional repositories, and evaluative studies of institutional repositories in India (Jobishet al., 2005; Krishnamurthy and Kemparaju,2005; Sutradhar, 2006; Laxminarsaiah and Rajgoli, 2007; Mittal and Mahesh, 2008;Jayakanthet al., 2008; Chadha, 2009; Suberet al., 2009; Sawant, 2011). Kim (2007) argues that institutional repositories can be conceptualized around three main roles: an electronic scholarly communication forum, a digital library, and a KM system. The approach to KM is relevant to the implementation of institutional repositories that manage a wide range of digital information created in a university (Branin, 2003). This study delineates how India manages the knowledge produced by its numerous researchers across the country

Objectives of the Study

1. To find out the year wise e-theses submitted by Alagappa University to UGC-Sodhganga during 1988-2018.
2. To observe department wise e-theses distribution in the web portal of UGC-Sodhganga
3. To find out the More than ten theses submitted by the Research Supervisors of Alagappa University

Methodology

The purpose of this paper is to investigate the E-theses and Dissertations (ETD) submitted by Alagappa University to UGC-Shodhganga for period of 1988-2018. The paper identifies the factors behind the establishment of Shodhganga, the Indian ETD Repository. The author conducted a literature survey including an internet search to obtain an overview of institutional repositories and ETD projects in India. The relevant data retrieved from https://shodhganga. inflibnet.ac.in/. Total no. of 1789 theses found year wise in the websites. The data also pertain to research guides who have guided and submitted the theses to Shodhganga.

Analysis and Interpretations

Table 1. *Year Wise E-theses Available of Alagappa University in Shodhganga*

Year	No. of theses	Percent
1988	1	0.082
1990	3	0.248
1991	9	0.746
1992	5	0.414
1993	5	0.414
1994	13	1.077
1995	14	1.160
1996	14	1.160
1997	22	1.824
1998	28	2.321
1999	35	2.902
2000	55	4.560
2001	51	4.228
2002	72	5.970
2003	60	4.975
2004	70	5.804
2005	60	4.975
2006	84	6.965
2007	86	7.131
2008	91	7.545
2009	58	4.809
2010	57	4.726
2011	45	3.731
2012	38	3.150
2013	38	3.150
2014	31	2.570
2015	44	3.648
2016	47	3.897
2017	64	5.306
2018	6	0.049

Year Wise E-theses available of Alagappa University in Shodhganga

Table 1 analyzed that e-theses uploaded with UGC-Sodhganaga portal during 1988-2018.The data extracted from Shodhganga poratal and analyzed for the study reagrds theses submitted by the Alagappa University for the periof of study. It is found that maximum of 91 (7.545%) of e-theses submitted by Alagappa University in the year 2008. It followed by 86 (7.131%) of theses found in the year

2007. Further, It has been analyzed that morethan 50 theses submitted by Alagappa University during 2000-2010. A single digit theses found from the study during 1988-1993 (Fig.1).

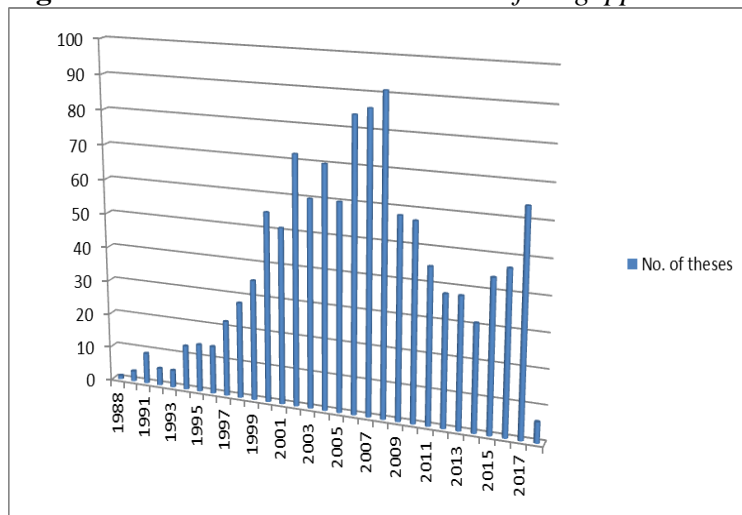**Figure 2.** *Year Wise E-theses available of Alagappa University in Shodhganga*

Table 2. *Department Wise E-theses of Alagappa University*

S.No	Name of the Department	No. of e-theses	Percent
1	Alagappa Institute of Management	123	10.199
2	Botany	2	0.165
3	Centre for Nano science and Technology	12	0.99
4	Department for Animal Health and Management	14	1.160
5	Department of Bank Management	24	1.990
6	Department of Bioelectronics and Biosensors	5	0.414
7	Department of Bioinformatics	11	0.912
8	Department of Biotechnology	38	3.150
9	Department of Computer Science and Engineering	70	5.804
10	Department of Corporate Secretaryship	110	9.121
11	Department of Economics and Rural Development	19	1.575
12	Department of Education	311	25.787
13	Department of Energy Science	1	0.082
14	Department of English and Foreign Languages	48	3.980
15	Department of History	3	0.248
16	Department of Industrial Chemistry	245	20.315
17	Department of International Business & Commerce	86	7.131
18	Department of Library and Information Science	42	3.482
19	Department of Mathematics	117	9.701
20	Department of Oceanography and Coastal Area Studies	23	1.907
21	Department of Physical education and Health Sciences	210	16.079

22	Department of Physics	122	10.116
23	Department of Tamil	112	9.369
24	Department of Women's Studies	34	2.819
25	Department of Zoology	2	0.165
26	Molecular Biology	1	0.082
27	Political Science	2	0.165
28	Public Administration	2	0.165

Department wise e-theses of Alagappa University

Table 2, it has been distributed e-theses accordingly no. of theses and the departments in the Alagappa University. The e-theses submitted to the UGC-Shodhganga, the majority 311 (25.78%) of theses submitted by the Dept. of Education in Alagappa University, obviously , one fourth of total theses holding this dept. of Education. More than two hundred of e-theses submitted by Dept. of Industrial Chemistry (20.31%) and Dept. Physical Education and health Science (16.07%). On the other hand, Alagappa Institute of Management, Department of Corporate Secretaryship, Department of Mathematics, Department of Physics and Department of Tamil shows the more than hundreds of e-theses in the series 123 (10.19%), 110 (9.12%), 117(9.70%), 122 (10.11%) and 112 (9.36%) respectively.

Table 3. *Language wise distribution e-theses of Alagappa University*

S.No	Language	No. of theses	Percent
1	English	1677	93.73
2	Tamil	91	5.08
3	Others	21	1.17
		1789	

Language Wise Distribution E-theses of Alagappa University

Table 3 explained that language wise distribution e-theses submitted to Shodhganga from Alagappa University. The study observed that majority 93.73 % of theses appeared out of 1789 in English Language, Remaining of 6.3% of theses appeared in Tamil and other languages exhibits in Fig.2.

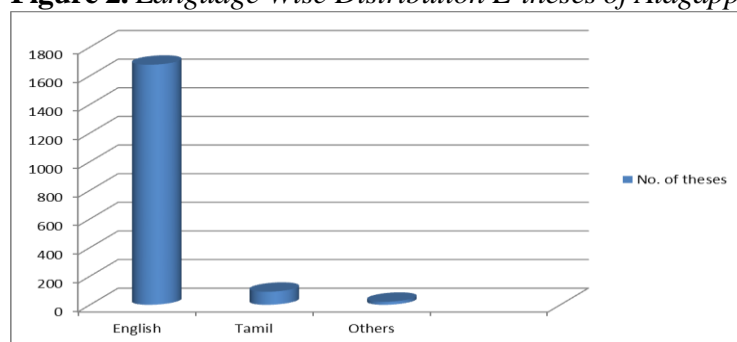**Figure 2.** *Language Wise Distribution E-theses of Alagappa University*

Table 4. *Research Supervisors with more than Ten Theses*

S.No	Name of the Research Supervisor	Department	No. of theses	Percent
1	Anandan K	Education	12	0.995
2	Annamalai S	Bank Management	12	0.995
3	Balachandran V	Corporate Secretaryship	25	2.072
4	Balamurugan K	Biotechnology	10	0.829
5	Bevinson Perinbaraj S	Physical Education	19	1.575
6	Chandrakumar P	Education	15	1.243
7	Chidambaram RM	Bank Management	10	0.829
8	Ganesamoorthy C	Mathematics	12	0.995
9	Ganesan S	Management	18	1.492
10	Gokilavani S	Women's studies	10	0.829
11	Gopalan A	Industrial Chemistry	12	0.995
12	Gurumoorthy TR	Commerce	15	1.243
13	Herbert Baskaran	Education	11	0.912
14	Kaliayamoorthy S	Management	11	1.912
15	Karuthapandian S	Biotechnology	14	1.160
16	Kalyanasundaram S	Physics	11	1.160
17	Krishnaraj R	Education	18	1.492
18	Lokhanatha Reddy	Education	23	1.907
19	Manickavasagam V	Corporate Secretaryship	36	2.985
20	Manisankar P	Industrial Chemistry	29	2.404
21	Mohan S	Education	45	3.731
22	Moorthy AM	Physical Education	36	2.985
23	Natarajan R	Commerce	16	1.326
24	Natarajan P	Mathematics	10	0.829
25	Neelamegam R	Commerce	18	1.492
26	Noel M	Industrial Chemistry	11	1.160
27	Palaniappan N	Mathematics	22	1.824
28	Pandi M	Tamil	16	0.829
29	Paruthimalkalaignan G	Industrial Chemistry	13	0.995
30	Perumal R	Management	10	0.829
31	Pown Radha K	Physical Education	19	
32	Rajamohan S	Management	10	0.829
33	Rajendran S	Physics	20	1.658
34	Ramraj E	Computer Science	18	1.492
35	Sanjeeviraja C	Physics	22	1.824

37	Savadamuthu T	Education	16	1.326
38	Selvam M	Commerce	11	0.912
39	Senthil M	Management	10	1.492
40	Senbagavalli A	Physical Education	20	1.658
41	Sivakumar P	Education	14	1.160
42	Sivaramakrishnan S	Physical Education	11	0.912
43	Solayan M	English/Education	11	0.912
44	Sridharan N	Mathematics	13	0.995
45	Subbiah S	English/Education	22	1.824
46	Sujathamalini S	Education	12	0.995
47	Sundrarajan M	Industrial Chemistry	11	0.912
48	Thenappan T	Physics	12	0.995
49	Thirumalisamy R	Physical Education	38	3.150
50	Upalthus Selvaraj M	Corporate Secretaryship	13	0.995
51	Vasudevan T	Industrial Chemistry	21	1.741

Research Supervisors with more than Ten Theses

Table 4 analysed that more than ten theses awarded by the research supervisors and submitted e-copies of theses to UGC-Shodhganga. There are 51 research supervisors listed for the study, they have awarded theses under the guidance of the research supervisors from different departments in Alagappa University. The study recorded that Prof. S. Mohan had been awarded 45 Ph.D in the dept. of Education; it followed by Prof. R. Thirumalaisamy had been awarded 38 Ph.d under his guidance. The study records Prof. Manickavasagam V, Prof. Moorthy AM were awarded 36 Ph.Ds in the Dept. of Corporate Secretaryship and Physical Education respectively. Further, Lokhanatha Reddy, Manisankar P, Palaniappan N, Rajendran S, Sanjeeviraja C, Senbagavalli A, and Subbiah S were awarded more than 20 Ph.D, guided by them and these e-copies of theses submitted to UGC-Shodhganga.

Conclusıon

The study discussed about e-theses and dissertation submitted by Alagappa University to UGC-Sodhganga. The study finds that theses growth increases more than from 1994, More the than fifty these could be awarded from 2001, whereas the theses count slowly down theses growth year 2009 onwards. It could be observed that research need to sustain and research has to develop year by year. The study witnesses the education theses submitted by the researchers as predominantly compare to other departments of the Alagappa University, the reason behind this they were many research supervisors were guided by two sides one is College of Education and another one Dept. of Education. Usually language of research would be in English other than Tamil because the University do not have any other research department in Languages. Whereas the theses corresponded other languages also, which may be some of the research scholars may have brought their research in Hindi, Sanskrit and so on.

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