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Analytical Study of the Documents Contributed by the VNMKV University Library to the Krishikosh Repository

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Abstract
The goal of this study is to know the status of the documents that VNMKV University library has uploaded to the ICAR's Krishikosh repository. According to the statistics*, VNMKV University library uploaded the most thesis materials for M. Sc. (80.34 %) degree course related thesis documents followed by Ph.D. (9.68 %) and M. Tech. (3.36%) degree courses respectively. Thesis-type documents were discovered to be the most prevalent (99.01%), followed by Other Publications (0.60%.) and Reports (0.38 %) . It was observed that 51 subject wise thesis documents were uploaded on krishikosh by University library among that Agronomy department having highest thesis documents (10.11 %) followed by Plant Pathology (9.06 %) and Agricultural Entomology (8.56%) respectively .*

(Keywords:- Institutional Repository , Krishikosh,, Analytical Study)

Introduction:-

Institutional repositories are becoming an essential component of information access and knowledge sharing in the present digital era. A wide variety of important resources are available to the ICAR Institutions and SAUs, including reports, theses, scholarly and popular publications, extension literature, multimedia files, and more. For agricultural science research, development, and extension, the wealth of knowledge in agriculture and related sciences that is housed in various libraries at State Agricultural Universities and Research Institutions around the nation is considered as being tremendously valuable (SAUs).

Strengthening of Digital Library and Information Management under NARES, a sub-project of the National Agriculture Innovation Project (NAIP), has started (E-Granth). A digital repository called "Krishikosh" has been established for the complete NARES. (https://krishikosh.egranth.ac.in/).

Vasantrao Naik Marathwada Krishi Vidyapeeth, one of SAU's institutes in Maharashtra , was established on May 18, 1972, at Parbhani. There are 11 constituent and 43 Non-granted affiliated colleges under Vasantrao Naik Marathwada Krishi Vidyapeeth. (www.vnmkv.ac.in).

For both students and employees to stay informed, the University Library is devoted to offering quick, straightforward access to library materials. With its special position as a repository for textbooks, reference materials, journals, magazines, electronic resources, and databases, as well as need-based collection and growth, the library has evolved into a crucial hub for education. SAU's VNMKV University Library has worked hard to regularly upload digital resources to Krishikosh. Attempts were undertaken in this study to ascertain the current status of the documents that the university library has uploaded to Krishikosh.

Following are the major objectives of the present study.

1. To know quantum of PG and PhD theses the VNMKV University Library has Uploaded on krishikosh

2. To understand the kinds of documents that the University Library, VNMKV, uploaded on krishikosh

3. To learn about the VNMKV University Library's contribution of subject-specific thesis documents uploaded on krishikosh

Methodology:-

The Krishikosh repository was used in this study, and the data were collected by logging in during the months of August 2022 and utilising a variety of filter settings to capture the data. The collected data was tallied using MS-Excel and a fundamental percentage for data analysis.

Limitations of the Study:-

The scope of this study is restricted to materials that University Library VNMKV, Parbhani has uploaded to Krishkosh up until August 2022, and only three parameters the quantity of PG and PhD theses, the types of documents, and the subjects of the contributions were taken into account.

Review of Literature:-

Dhanavandan and Tamizhchelvan (2013) examined the electronic versions of the theses that universities in Tamil Nadu submitted to Shodhaganga. They discovered that the state of Tamil Nadu held the top spot with 18 universities having signed MoU in Shodhganga. Nine of the 18 universities in Tamil Nadu are run by the state government, and nine are privately or independently funded. There were 488 theses submitted in total by these 18 universities.

Out of the 16 universities in Assam, only three have joined Shodhganga, and the quantity of ETDs produced by those three universities is quite low. Das and Saikia (2014)

presented a comparative assessment of the universities in Assam regarding their status and contributions to Shodhganga.

The status of the documents that MAFSU's university library has uploaded to the ICAR's Krishikosh repository was studied by Tekale (2022). According to the statistics, MAFSU University library uploaded the most thesis materials for M. V. Sc. degree courses (80.07%), followed by M.Sc. (12.16%) and Ph. D. (7.55%) degree courses. Thesis-type documents were discovered to be the most prevalent (99.25%), followed by Institutional Publications (0.62%). The majority of theses (10.26%) were generated and uploaded from the department of veterinary surgery and radiology, followed by those in veterinary medicine (9.29%) and animal reproductive and gynaecology (9.48 %) respectively.
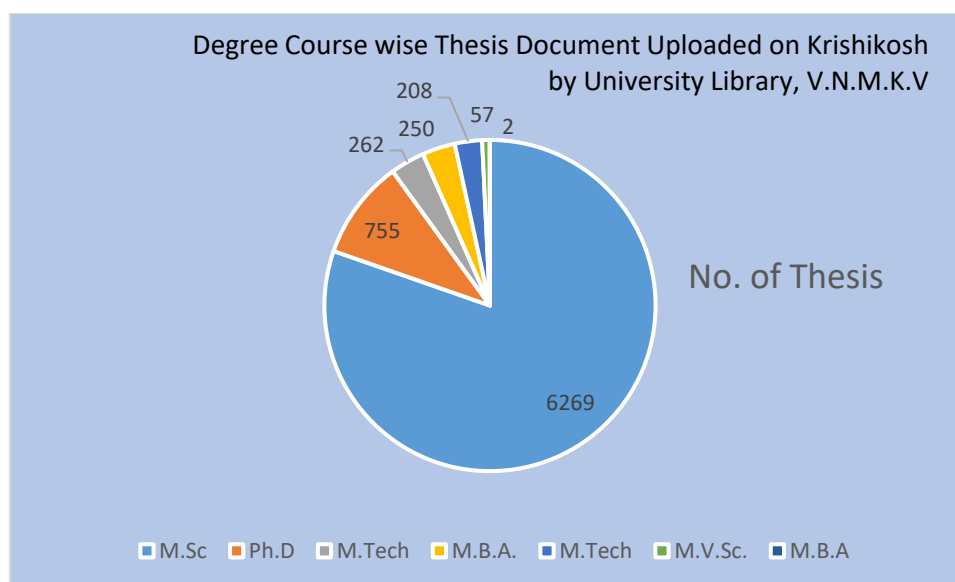
In their study of the Electronic Theses and Dissertations (ETDs) deposited at the INFLIBNET Shodhganga project by Indian Universities between 2010 and 2015, Jeyapragash et al. (2016) discovered that 239 Universities have deposited 55390 theses across a range of subjects. It was discovered that Aligarh Muslim University, which ranked first among the Universities, supplied a significant number of theses to the Shodhganga with 5319 (9.6%) records. Additionally, it was discovered that the subject area of science, engineering, and technology had a significant contribution to the theses in Shodhganga.

In addition to discussing the need for and significance of a centrally maintained repository in the modern era, Panda (2016) also looked at the development of institutional repositories at the university level and the role and challenges of universities, libraries, and researchers. Shodhganga: a reservoir Indian electronic thesis was examined for its progress and current status. According to the survey, 217 universities had submitted a total of 40,175 theses in the repository as of June 30, 2015.

The status of Maharashtra University's ETD contributions has been reported by Sengupta (2015). Only 50% of the 45 distinct sorts of universities in Maharashtra were found to have signed an MoU with Shodhganga, it was discovered. Sant Gadge Baba Amravati University came in second with 312 ETDs, followed by Shivaji University, Kolhapur, and Savitribai Phule Pune University as the top three contributing universities (290).

Table No 1. Degree Course wise Thesis Document Uploaded on Krishikosh
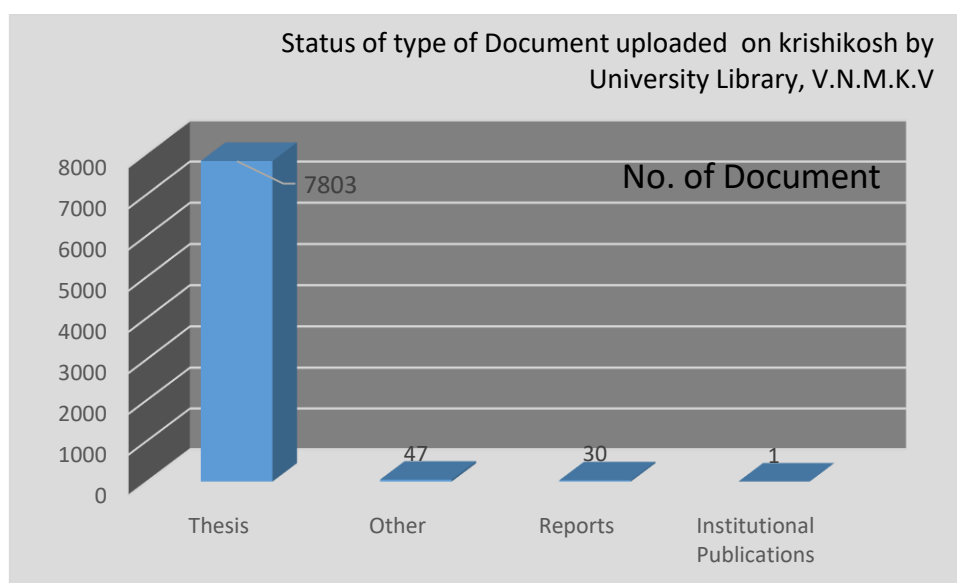by University Library, V.N.M.K.V

Sr.No.	Thesis Type	No. of Thesis	Percentage
1	M.Sc	6269	80.34%
2	Ph.D	755	9.68%
3	M.Tech	262	3.36%
4	M.B.A.	250	3.20%
5	M.Tech	208	2.67%
6	M.V.Sc.	57	0.73%
7	M.B.A	2	0.03%
		7803	**100.00%**

Degree Course wise Thesis Document Uploaded on Krishikosh
by University Library, V.N.M.K.V

No. of Thesis

208
57 2
250
262
755
6269

☐ M.Sc ☐ Ph.D ☐ M.Tech ☐ M.B.A. ☐ M.Tech ☐ M.V.Sc. ☐ M.B.A

From the table No. 1 it is observed that Seven degree course wise thesis document collections was uploaded on the Krishikosh by the VNMKV, University Library. From above data it also observed that VNMKV, University Library contributed highest M. Sc. 6269 (80.34 %) degree course related thesis documents followed by Ph.D. 755 (9.68 %) and M.Tech. 262 (3.36% degree course respectively.

Table No.2. Status of type of Document uploaded on krishikosh by
University Library, V.N.M.K.V

Sr. No.	Content Type	No. of Document	Percentage
1	Thesis	7803	99.01%
2	Other	47	0.60%
3	Reports	30	0.38%
4	Institutional Publications	01	0.01%
		7881	100.00%

An attempt was made to know the Various type of documents uploaded on the Krishikosh by the VNMKV, University Library from the above table it was observed that only 04 type of document uploaded on the Krishikosh . Among different type of document Thesis type of documents was found highest 7803 (99.01 %) followed by Other Publications 47 (0.60 %) and Reports 30 (0.38 %) respectively.

Table No 3. Subject wise Thesis uploaded by University Library, VNMKV on Krishikosh

Sr. No.	Subject	No. of Thesis	Percentage
1	Agronomy	789	10.11%
2	Plant Pathology	707	9.06%
3	Agricultural Entomology	668	8.56%
4	Soil Science and Agriculture Chem...	645	8.27%
5	Agricultural Economics	579	7.42%
6	Extension Education	559	7.16%
7	Horticulture	522	6.69%
8	Dairy Technology	338	4.36%
9	Genetics and Plant Breeding	294	3.79%
10	Agricultural Business Management	245	3.14%
11	Botany	234	3.02%
12	Agricultural Botany	226	2.90%
13	Agricultural Biotechnology	177	2.27%
14	Food Technology	165	2.11%
15	Home Science	160	2.08%
16	Fruit Science	156	2.00%
17	Food Science and Technology	154	1.97%
18	Food and Nutrition	139	1.81%
19	Vegetable Science	110	1.42%
20	Animal Nutrition	107	1.37%
21	Agricultural Meteorology	101	1.29%
22	Dairy Science	82	1.05%
23	Agricultural Extension Education	61	0.78%
24	Plant Physiology	61	0.78%
25	Agricultural Engineering	52	0.67%
26	Animal Genetics and Breeding	46	0.59%
27	Entomology	45	0.58%
28	Agricultural Extension	43	0.55%
29	Soil and Water Engineering	43	0.55%
30	Animal Physiology	41	0.53%
31	Agricultural Process Engineering	35	0.45%
32	Farm, Machinery and Power	35	0.45%
33	Seed Science and Technology	25	0.32%
34	Plant Biotechnology	21	0.27%
35	Floriculture and Landscaping	18	0.23%
36	Animal Reproduction and Gynecology	16	0.21%
37	Animal Husbandry	14	0.18%
38	Livestock Production and Management	14	0.18%
39	Irrigation and Drainage Engineering	11	0.14%
40	Agriculture	08	0.10%
41	Family Resource Management	07	0.09%
42	Family Resource Management	07	0.09%
43	Processing and Food Engineering	06	0.08%
44	Human Development and Family Studies	05	0.06%
45	Post-Harvest Technology	04	0.05%
46	Soil Science and Water Management	04	0.05%
47	Agricultural Chemistry and Soil S...	03	0.04%
48	Human Development and family studies	03	0.04%
49	Seed Science and Production Techn...	03	0.04%
50	Biotechnology	02	0.03%
51	Dairy Chemistry	02	0.03%
		7803	100.00%

An attempt was made to know the subject wise thesis contributed by the VNMKV, University Library to Krishikosh. From the data it was observed that total 51 subject wise thesis documents were uploaded on krishikosh by University library among that Agronomy department having highest thesis documents 789 (10.11 %) followed by Plant Pathology 707 (9.06 %) and Agricultural Entomology 686 (8.56%) respectively .

Conclusion:-

Information indicates that the VNMKV University library has made the effort to upload nearly all of the thesis and documents, which is their significant contribution to the Krishikosh repository. Only four different types of document collections were uploaded, according to the statistics, but there is plenty of room for other significant resources like reports, institutional publications, proceedings, extension literature, multimedia files, and more to be uploaded. The results show how crucial it is for ICAR to encourage all participating libraries to send documents to the Krishikosh for the use of scholars, researchers, instructors, farmers, and decision-makers. To encourage participation and a healthy environment of competition among the participating libraries, the highest performing libraries may be recognised with appropriate incentives or further support.

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