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The 'Researchgate' Score of University of Mumbai : An Analysis

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Abstract

The article examines the research contributions of University of Mumbai, Mumbai in Maharashtra. The data for the study have been extracted from the website of Research Gate.net (www.researchgate.net) for this study during April 2021. It was found that 2437 Members in Mumbai Universities have been contributed the research contributions made by Research Gate. Further the data were analyzed to find out the Research Gate RG Scores, Members and Publications of University Mumbai by Department wise, Members, Publications, Research Gate (RG) Scores, and Top of departments along with their members and various types of documents by top ten departments with publications and authors of University of Mumbai.

Keywords- Research Gate, RG Score

1. Introduction-

Social networking sites like Research Gate (RG) and other are changing the trend of disseminating research through journals and other scholarly publications and indexing databases, and hence, the statistics provided by such sites may indicate the impact of articles and authors as well as their affiliations. The dissemination of research through social networking sites is a relatively new practice that is gaining popularity throughout the world. Social media releases of research increases the readership of articles, thereby popularizing it quickly (Allen et al., 2013).

2. Conceptual Analysis

2.1 Research Gate

Research Gate was founded in 2008 by Ijad Madisch, who aims to transform the way researchers are doing their research (Dolan, 2012). Started in Boston and now based in Berlin, Germany, and backed by several U.S. Venture capital firms, Research Gate now has more than +14 million members, with an average of seven researchers signing upper minute (Research Gate, 2018). The success of Research Gate has enabled researchers to disseminate their ideas and share their publications free of charge to facilitate collaboration among researchers from all over the world. Through ResearchGate, members' can use the platform to maintain their own publications, ask and answer research-related questions, and follow their researchers to receive their publication updates. (B. Jeyapragash 2018)

3. Objectives of Study

The following are the major objectives of this study.

- To find out the Research Gate RG Scores, Members and Publications of MU, Mumbai
- To find out the research contributions by top Departments.
- To analyze the Research Gate (RG) scores by top Members.
- To investigate the Members by Top Popular members

4. Scope & Limitation of Study

Document types and number of documents in which Research Contributions have been used hence, the present Study is limited to search results on the Topic of University of Mumbai in research Gate database during April 2021. The result indicates that there were total 2437 Members (April 2021) documents on University of Mumbai Research Contributions in Research Gate during the period.

5. Methodology

The data were extracted from Research Gate website (<https://www.researchgate.net>) during April 2021. It was found that 2437 Members on Universities of Mumbai of Research Gate in Maharashtra is contributing their research, sharing the information, collaboration and discuss with the subject experts through Research Gate. Further the data was analyzed to find out the Research Gate RG Scores.

6. Review of Related Literature

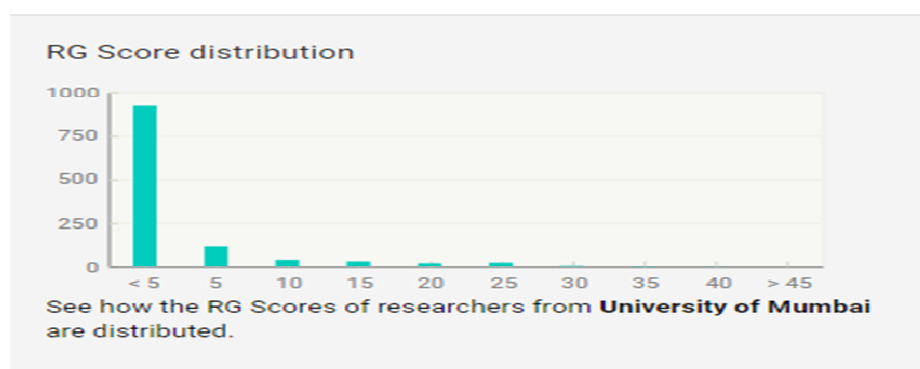
Deshmukh R.K.,(2019)' Research Productivity of Rural Areas College Librarian in Dr, BAMU, Aurangabad',Deshmukh R. K., Deshmukh S.B.,(2019), The Research Productivity at the 'Researchgate' Score on Sant Gadge Bab Amravati University: An Analysis,Deshmukh R.K., Khiste G., (2019),"Mapping the research productivity of Dr. Babasaheb Ambedkar Marathwada University: A Study Based on Rsearch Get", Deshmukh R.K., Bijwashi H. G., (2019) "An ascendant research contribution at the researchget score on Nort Maharashtra University, Jalgaon: An Analysis", Deshmukh R.K., Pawar K.P. & Kale V.A (2018) in article "Research Contributions of SRTMU, Nanded in Research Gate: An Analysis" analysis srtmu university Research contribution on researchget research site. Deshmukh R.k. & Taksande P.G (2018) in article" Intellectual Productivity Of College Librarians,1342over all research productivity college librarian, This study investigates the highly productive authors, Document Type, Geographical distribution by country, etc.

7. Data Analysis

7.1 RG Score of MU,Mumbai

Total RG Score in University of Mumbai 3941.98RG Score on 2437 Members in Research gate. The RG Score measures scientific reputation based on how your work is received by your peers. We believe that researchers are the best judges of each other's work and that all a person's research, published or not, deserves credit. With this in mind, your RG Score is calculated based on any contribution you share on Research Gate or add to your profile, such as published articles, unpublished research, projects, questions, and answers.

Graph No. 1



7.2 Top Departments along with Members

The study was analyzed the top departments along with members in Research Gate and the same is given in Table

Table 1. Top Departments along with Members

Sr.No.	Departments	Members	%	Rank
01	Department of Electronics & Telecommunication Engineering	165	6.77	1
02	Department of Management Studies	155	6.36	2
03	Department of Computer Engineering	153	6.27	3
04	Department Chemistry	151	6.19	4
05	Department Information Technology	131	5.37	5
06	Department Mechanical Engineering	126	5.17	6
07	Department Computer Science	83	3.40	7
08	Department Biotechnology	80	3.28	8
09	Department Physics	77	3.15	9
10	Department Electronics Engineering	70	2.87	10

Table 1 directs that the University of Mumbai with top departments along with members of the same in Research Gate. It explains that the “Department of Electronics & Telecommunication” with 165 (6.77%) members and placed in first rank. It is followed by “Department of Management Studies” with 153 (6.27%) members and occupied second rank. It further found that the “Department of Computer Engineering” has less number of 153 (6.27%)

7.3 Top Twenty RG Score Member

The study was analyzed the top Twenty Author different departments along with members in Research gate and the same is given in Table 2

Table No.2 RGScore Member

Sr.N o.	Author	Department	RG	Resear ch items	Read s	Citati on	h-index		Ran k
							other s	Self	
1	RavinderManchanda	Astrobiology	44.05	311	11975	2431	24	22	1
2	Kothari D.C	Physics	39.32	187	27593	2875	29	28	2
3	Dr. Krish Desai	School of Medicine	36.59	66	744	310	24	22	3
4	Dr. Sabir Manshragui	Chemistry	34.47	111	3399	1413	24	21	4
5	Dr. KalpasPatil	Life Science	30.26	55	6379	1147	18	20	5

Table no. 2 shows that author ranking for research Publication in ResearchGet of Research members affiliated to University of Mumbai There were total 2437 research Members and all the Researcher contributed Highest RG Score during study period ByDr. RavinderManchanda(RG 44.05) and he was the most prolific RG Score followed by Dr. Kothari D.C(RG 39.32)

7.4 Top Popular members

Table No. 3 RG Score Member

Author	Department	RG Score	Research items	Reads	Citation
Dr. Burange L.G	Public Policy	9.86	85	110,222	237
Dr. YojanaYatinPatil	Librarian	5.02	20	136007	7
SunitaMagre	Education	3.43	45	68,553	1
Rucha R. Randive	Economics	3.65	17	31,193	32
Jagadevappa S Patil	Pharmaceutical science	33.2	88	45,523	600

7.5 Top publications by reads

Table No. 4 RG Score Member

Sr. No.	Title	Authors	Department	Reads Last Week*	Total Reads
1	Innovative Teaching Methods in Physical Education for Better Learning	RamanandaNingthujam	Physical Education	160	6596
2	Silver Nanoparticles as a New Generation of Antimicrobials	MahendraRai	Biotechnology	73	1,801
3	Biogenic synthesis of metal nanoparticles from actin omycetes: Biomedical applications and Cytotoxicity	MahendraRai	Biotechnology	41	1,983
4	Transition metal Complexes of a Schiff base : Synthesis, characterization, and antibacterial studies	Badwaik V.B.	Chemistry	41	379
5	Green synthesis of copper nanoparticles by Citrus medica Linn.(Idilimbu) juice and its antimicrobial activity	SudhirShende	Biotechnology	38	3,517
6	Software Testing Strategies and Techniques	SheetalThakare	Computer Science	36	4,888
7	Plant phenolic compounds for food, pharmaceutical and cosmetics production	oksanaSyta	Biotechnology	37	2,150
8	Synthesis of Mgo Nanoparticles by Solvent Mixed Spray Pyrolysis Technique for optical Investigation	Dr. Waghuleysandeep A.	Physics	35	1,385

*These publications belong to the members of this institute using Research gate. Status are based on the total number of reads last week

7.6 Institutions Stats overview

Graph No. 2



Graph No. 2 Depicts Institutions stats overview; in the date 06/06/2021 is an average reads from all institutions, Date 02/05/2021 total Counted 10,172 reads, Starting First Read Near about 10,326 Reads ,& Date 06/06/2021 is an Below 541 Reads.

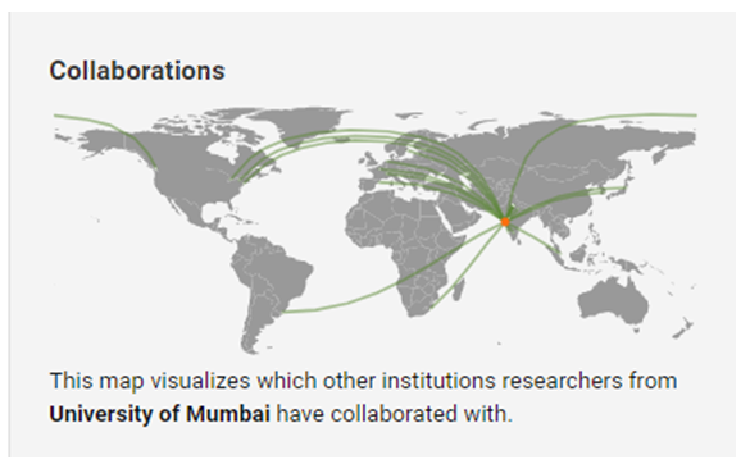
7.7 Geographical Distribution

The data related to Research Contribution has been analyses by top countries Reads it in the table 5.

Table No 5 Country wise Analysis

Country	Total Reads	Rank
India	5214	1
United States	406	2
Malaysia	258	3

Table No. 5 depicts the geographical distribution of authors. India tops the list with 5214 Reads, followed by with United State 406 reads to its credit. Malaysia 258Reads.



Graph No. 3

7.8 Top reads by Institution Ranking:

Table No 6 Country wise Analysis

Institution	Reads	Rank
University of Mumbai	30	1
Arba Minch University	14	2
UniversityKebangsaan Malaysia	14	2

Table No. 6 Depicts the top reads by Institution Ranking, as per Chart Rank one position is The University of Mumabi30 Articles reads by Research Student. Second rank Arba Minch University & UniversityKebangsaanMalayasia, Total 14 Articles Reads by Research Student.

7.9 Conclusion :

Social Networking Sites playing the important role in communicate and share the information among one to one, one to groups and one to worldwide. The Academic Social Network Sites communicates and shares the information about research activities among academics. In very special the Research Gate playing important role in sharing and promoting research activities among research scholars in world wide.

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