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**Mapping of Research Productivity of Swami  
Ramanand Teerth Marathwada University,  
Nanded on ResearchGate**

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**Abstract**

*The present article make an attempt to find out the research contributions of Swami Ramanand Teerth Marathwada University Nanded (SRTMU) in ResearchGate. It was found that 327 Members of SRTMU have been registered and uploaded their research in ResearchGate. Data were analyzed to find out the ResearchGate RG Scores, Department wise publication of members from SRTMU, Members and their Publications and Top of departments along with their members and various types of documents by top ten departments with publications and authors of SRTMU. The data for the study have been extracted from the website of ResearchGate i.e. [www.researchgate.net](http://www.researchgate.net). Duration of the study is limited up to August 2019.*

**Keywords**

ResearchGate; RG Score; Research productivity of SRTMU in ResarchGate

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**Introduction**

Social networking sites have been changed the way of disseminating of research and information. ResearchGate (RG) is also a social networking site. Such type of sites are stored and disseminating the scholarly publications and indexing databases. These sites are providing statistics like impact of articles and authors as well as their affiliations. The dissemination of research through social networking sites is a new practice that is gaining popularity throughout the world. Such type of sites is helping to disseminate research and increase readers.

**ResearchGate**

ResearchGate was founded in 2008 by scientist Ijad Madisch. Started in Boston and now based in Berlin, Germany, and backed by several U.S.venture capital firms, ResearchGate now has more than 15 million members, with an average of seven researchers signing upper minute (ResearchGate, 2018). The success of ResearchGate 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)

ResearchGate is avail the platform for scientists and researchers to share papers, ask and answer questions, and find collaborators. While reading articles does not require registration, people who wish to become site members need to have an email address at a recognized institution or to be manually confirmed as a published researcher in order to sign up for an account. Members of the site each have a user profile and can upload research output including papers, data, chapters, negative results, patents, research proposals, methods, presentations, and software source code. Users may also follow the activities of other users and engage in discussions with them. Users are also able to block interactions with other users. ResearchGate publishes a citation impact measurement in the form of an "RG Score". RG score is not a citation impact measure. RG Scores have been reported to be correlated with existing citation impact measures,

**Objectives of Study**

The following are the major objectives of this study.

- To know the ResearchGate RG Scores of SRTMU, Nanded.
- To find out the top research contributed members of SRTMU.
- To ranks the departments by their contribution of research.
- To analyze the ResearchGate (RG) scores by top Members.
- To know the Popular researchers by ranking top members.

### Scope & Limitation of Study

The present Study is limited to search results on the Topic of SRTMU, Nanded in ResearchGate database during 31<sup>st</sup> August 2019. The result indicates that there were total 327 Members and 190 publications contributed from SRTMU, Nanded in ResearchGate during the period.

### Methodology

The data were extracted from ResearchGate website i.e. <https://www.researchgate.net> during August 2019. It was found that 327 Members contributing their research from SRTMU in ResearchGate, sharing the information, collaboration and discuss with the subject experts through ResearchGate. Further the data was analyzed to find out the ResearchGate RG Scores.

### Review of Related Literature

Several Studies have been carried out and criticized about the social networking sites. Some of them are Nature (2014), Times of Higher Education (2016) BusinessWeek (2009), Association of Information system (2014), ResearchGate has also been criticized for copyright infringement of published works and copyright violations. Social media releases of research increases the readership of articles, thereby popularizing it quickly (Allen et al., 2013). ResearchGate is transform the way researchers are doing their research (Dolan, 2012)

A 2009 article in Business Week reported that ResearchGate was a "potentially powerful link" in promoting innovation in developing countries by connecting scientists from those nations with their peers in industrialized nations. It said the website had become popular largely due to its ease of use. It also said that ResearchGate had been involved in several

notable cross-country collaborations between scientists that led to substantive developments. A 2012 paper published in *The International Information & Library Review* that explain the use of social networking "for academic purposes", Facebook and ResearchGate were the most popular. A 2016 article in *Times Higher Education* reported that in a survey of the use of academic social networking sites, ResearchGate was the dominant and was as popular as others. Deshmukh Rahul K., Taksande Pratibha G.,(2015) Impact of Correlation on Research Productivity, It has 86 college librarian “ contributions related to the Karl Pearson's correlation has been shown to have correlation created through MATRIX, in which total productivity, Khiste G.P., Awate Avinash & Deshmukh R.K. (2018) Study on literature audit of digital library by J-Gate database. Khiste Gajanan P &Awate Avinash P & Deshmukh Rahul (2018) Mapping of the literature on 'Information Literacy' by Using Science Direct during 2008- 2017. Veer D.K., Khiste G. P. & Deshmukh Rahul (2018) studied the term Information Literacy as reflected in SCOPUS during the period 2007 to 2016. Khiste G.P., Deshmukh R.K. & Kale V.A. (2017) discusses the —Bibliometricl as reflected in J-Gate for the period from2005 to 2016. This study investigates the highly productive authors, Document Type, Geographical distribution by country, etc.

### Data Analysis

#### RG Score of SRTMU,

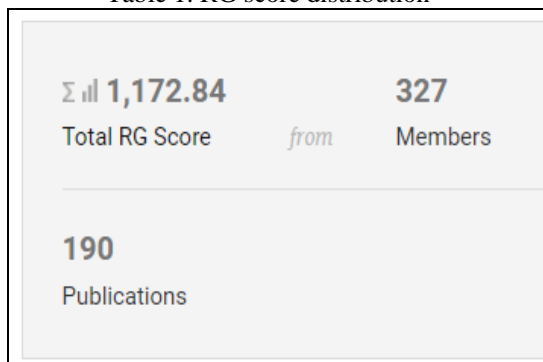
The RG Score measures scientific reputation based on how your work is received by your peers. It believe that researchers are the best judges of each other's work and that all a person's research, published or not, deserves credit. RG Score is calculated based on any contribution of research on ResearchGate or add to your profile, such as published articles, unpublished research, projects, questions, and answers. RG score of SRTMU research productivity is shown table No.1 and graph No. 1 and 2.

**Table 1:** RG score of SRTMU research productivity

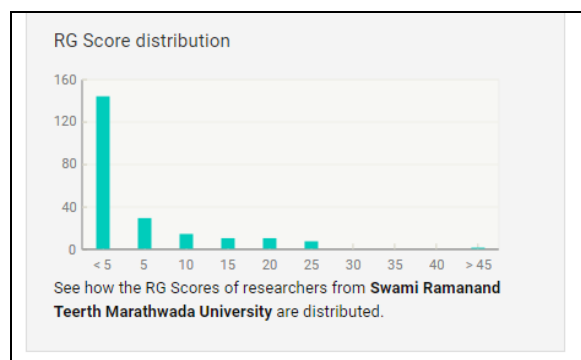
Sr. No.	Researchers of RG Score Distribution
<5	144
5-10	29
10-15	14
15-20	10

20-25	10
25-30	7
30-35	0
35-40	0
40-45	0
45-50	1
Total members	215

Table 1. RG score distribution



Graph No. 1 Total RG score of SRTMU



Graph 2 Distribution of RG score of SRTMU

Graph No.1 shows that, the total RG Score of SRTMU, Nanded was 1172.84 by 327 Members in ResearchGate. Table No. 1 and Graph no. 2 reveals that researchers RG score range less than 5 to 45-50 range. RG score less than 5 found 144 members and highest 45-50 found one member.

#### Ranking of Departments along with Members

The study was ranked the top departments on the basis of member's participation or registration in ResearchGate. The table No.2 shows that the top department from SRTMU in ResearchGate.

Table 2: Ranking of Departments along with Members (Top Department)

Sr. No.	Department	Members	%	Rank
1.	School of Life Sciences	75	27.99	1
2.	School of Chemical Sciences	33	12.31	2
3.	School of Earth Sciences	32	11.94	3
4.	School of Computational Sciences	29	10.82	4
5.	School of Physical Sciences	28	10.45	5
6.	School of Pharmacy	26	9.70	6
7.	School of Mathematical Sciences	15	5.60	7
8.	School of Commerce and Management Sciences	13	4.85	8
9.	School of Educational Sciences	5	1.87	9
10.	School of Languages & Literature	5	1.87	9
11.	School of Social Sciences	4	1.49	10
12.	School of Media Studies	3	1.12	11
13.	School of Fine and Performing Arts	0	0.00	12
			100.00	

Table 2 shows that the School of life sciences ranked first with participation of 75 (27.99%) members in ResearchGate. Department of Computer Sciencel ranked second with 33 (10.71%) members sharing in RsearcheGate. It further found that the school of

Media studies ranked twelve with contribution of only 3 (1.12%) less number of members.

#### Top RG Score of Member

The data was analyzed the top RG score of member same is shown in Table 3 from different departments in ResearchGate and the

**Table 3:** Top RG Score of Member

Sr. No.	Author	Department	RG	Research Items	Reads	Citation	H-index		Rank
							Others	Self	
1	R. S. Mane	School of Physical Sciences	46.53	326	49618	5939	38	37	1
2	S. Mohan Karuppayil	School of Life Sciences	29.52	87	19442	1965	24	21	2
3	Rahul V Pinjari	School of Chemical Sciences	29.43	40	2418	470	13	13	3
4	Krishna Chaitanya Gunturu	School of Chemical Sciences	28.21	32	3662	409	11	11	4
5	Surendra Gattani	School of Pharmacy	28.13	68	16295	988	19	19	5
6	Rajendra Khairnar	School of Physical Sciences	27.89	69	8887	456	10	9	6
7	Bhaskar Dawane	School of Chemical Sciences	26.58	65	7329	588	15	13	7
8	Kashinath Bogle	School of Physical Sciences	26.05	30	33635	587	11	11	8
9	Sambhaji Shivajirao Bhande	Centre for nanomaterials and Energy devices	24.34	24	4257	239	10	9	9
10	Omprakash Yemul	School of Chemical Sciences	23.5	42	6085	255	7	7	10
11	Avinash Puyad	School of Chemical Sciences	22.41	26	1355	163	8	7	11
12	Balaji Gautam Ghule	School of Physical Sciences	21.54	18	4258	24	2	2	12
13	Suraj Jadhav	School of Computational Sciences	21.51	11	1364	663	10	10	13
14	Santosh Deosarkar	School of Chemical Sciences	21.28	55	2166	157	7	3	14
15	Savita Patil	School of Life Sciences	21.2	79	3081	458	10	10	15
16	D D Pawar	School of Mathematical Sciences	20.45	60	2070	118	6	3	16
17	M. K. Patil	School of Physical Sciences	20.31	46	1710	76	4	3	17

Table 3 shows that, members ranking for research Publication in ResearchGate affiliated to SRTMU. There were total 327 researchers contributed from SRTMU among them following 17 members ranked on basis of more than 20 RG score. Highest RG score 46.53 get by Mane D.S. from physical Science

department and second number was achieved by S. Mohan Karuppayil with score of 26.52 from life science department. Patil M.K. has acquire 17 number by scoring 20.31 RG score from Physical Science department.

**Top Popular members**

**Table 4:** Top Popular Member of SRTMU in ResearchGate

Sr.	Author	Department	RG score	Research Items	Reads	Citation
1	Nilesh Vitthal Limbore	School of Commerce and Management Sciences	0.67	20	120790	42
2	Pramod Patil	School of Management Sciences	5.53	17	77542	6
3	Dr. Vyankatesh Balajirao Yannawar	School of Earth Sciences	10.47	37	18635	54
4	R. S. Mane	School of Physical Sciences	46.53	326	49618	5939
5	Dashrath Banduke	School of Earth Sciences	0	3	1304	4
6	Surendra Gattani	School of Pharmacy	28.13	68	16295	988
7	Ranjeet Vijaysingh Tehra	School of Commerce and Management Sciences	0	9	9725	0
8	Komal Gomare	School of Life Sciences	3.19	9	7157	27
9	S. Mohan Karuppayil	School of Life Sciences	29.52	87	19442	1965
10	Vasant Madhav Wagh	School of Earth Sciences	16.31	34	16145	186

Table 4 shows that the highly top ten Popular Member of SRTMu in ResearchGate. This information displayed default under the institution on ResearchGate website. It is observed that Nilesh vitthal Limbore was most popular member in ResearchGate from SRTMU. Second number was

Patil Pramod from department of Mangement Science from SRTMU.

**Top publications by reads**

Top publication of SRTMu affiliated members ranked by number of reads in last week in ResearchGate.

**Table 5:** Top publications by reads

Sr. NO.	Title	Author	Department	*Reads Last Week	Total Reads
1	A Study Of Banking Sector In India And Overview Of Performance Of Indian Banks With Reference To Net Interest Margin And Market Capitalization Of Banks	Nilesh Vitthal Limbore	School of Commerce and Management Sciences	801	69608
2	Water Quality Assessment Of Nagzari Dam Of Maharashtra	Vyankatesh Balajirao Yannawar	School of earth science	496	1901
3	Disaster Management in India	Pramod Patil	School of Management science	342	23797
4	An Overview of Indian FMCG Sector	Pramod Patil	School of Management science	281	28218
5	Crop Combination Calculate Based on Weaver's Method in Malshiras Tahsil	Somnath Gaikwad	Geography	246	1039

6	Simple and low-temperature polyaniline-based flexible ammonia sensor: A step towards laboratory synthesis to economical model design	R.S. Mane	School of Physical Science	244	1337
7	An Analytical Study Of Indian Agriculture Crop Production And Export With Reference To Wheat	Nilesh Vitthal Limbore	School of Commerce and Management Sciences	143	7905
8	Review Of Modified Distribution Method In Current Business	Nilesh Vitthal Limbore	School of Commerce and Management Sciences	138	8695
9	Rice Productivity in Satara Distric : A Geographical Analysis	Dashrath Banduke	School of earth science	136	248
10	An Empirical Case Study of Women Self Help Group (SHG) functioning in Nanded City	Ranjeet Vijaysingh Tehra	School of Commerce and Management Sciences	128	3063

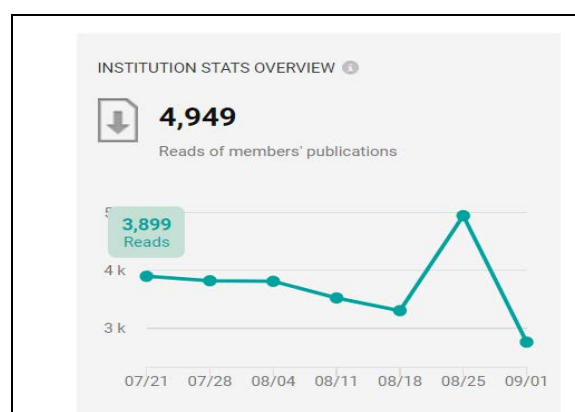
The table 5 reveals that the publication of these members from SRTMU reads by number of readers. Above rank is based on the total number of reads last week. “A Study Of Banking Sector In India And Overview Of Performance Of Indian Banks With Reference To Net Interest Margin And Market Capitalization Of Banks” author Nilesh Vitthal Limbore was first rank by reads last week as per analysis of ResearchGate & on Second rank was “Water Quality Assessment Of Nagzari Dam Of Maharashtra” author Vyankatesh Balajirao Yannawar from SRTMU.

### Institutions Stats overview

This section gives an overview of reads from last week by total, country and institutions. Reads by SRTMU are calculated based on ResearchGate members only.

**Table 6:** Institutions Stats overview

Sr. No.	Date	Reads of Members
1.	21.7.19	3899
2.	28.7.19	3822
3.	4.8-19	3812
4.	11.8.19	3524
5.	18.8.19	3304
6.	25.8.19	4949
7.	1.9.19	3076



Graph No. 3 Institutions Stats overview

Table 6 and Graph No. 3 depicts institutions stats overview on the basis of weekly reads; Highest reads found on dated 25.8.2019 and lowest reads on 01.09.2019.

### Geographical Distribution

The data related to geographical distribution of research contribution has been analysed by top countries reads it in the table 7.

Table 7: Top reads by Institution Ranking

Institutes	Reads
Rajarshi Shahu College, Latur	
Shivaji University, Kolhapur	
Swami Ramanand Teerth Marathwada University	

Table 7 Depicts that the top reads by Institution Ranking, as per the table Rajarshi Shahu College, Latur rank first by 201 reads. Rank second by Shivaji University Kolhapur by reading 139 and Swami Ramanand Teerth Marathwada University ranked third by 14 reads.

### Top reads by Institution Ranking

Following institutions ranked belonging to the reads of SRTMU members contribution in ResearchGate.

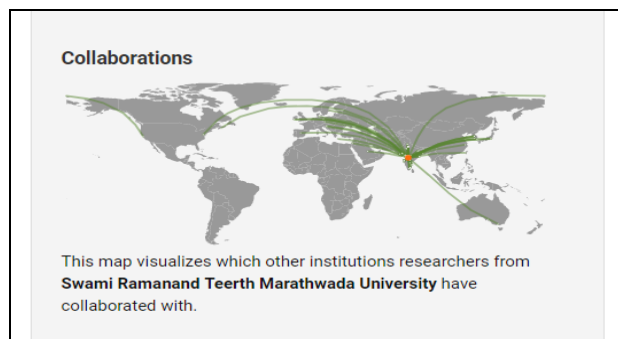
**Table 8:** Geographical Distribution

Country	Total Reads	Rank
India		1
Ethiopia		2
Nigeria		3

Table 8 shows that the geographical distribution of authors. India tops the list with 1268 reads, followed by with Ethiopia 251 reads to its credit. Nigeria 39 Reads.

### Collaborations

Following graph shows that the collaboration of other institutions form world to SRTMU.



Graph No.4 Collaboration of SRTMU

### Conclusion

Social Networking Sites like ResearchGate playing the vital role in communicate and share the research and information between groups and worldwide. ResearchGate has been criticized by different agencies and organizations for protection beside copy right violation, the dark side of academic writing, fake publishers, ghost journals, and fake impact ratings. Then also ResearchGate were most popular

academic social networking site. ResearchGate was promoting research and innovation by connecting scientists with their peers in academic world. ResearchGate has provide access easily and literature made available, that's why it is become very popular. ResearchGate playing important role in sharing and promoting research activities among research scholars in world wide.

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