

# Webometric Analysis of Engineering College Library Websites in Karnataka State by Using Google Search Engines

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**Abstract—** Library website is a mirror of Library, what are the resources available and services provided in the library are provided, Library Portals are comprises of profile of the library and details of services, resources available in the library and websites are the authenticated information sources of library. The purpose of this paper is to study the Selected Engineering College library websites in Karnataka state and different links, such as self-link, in-links, web pages that are searched by Google search engines should be known through the web based on the data web impact factors computed to know the impact of library websites in the present technological scenario.

## I. INTRODUCTION

To impart specialized education in Engineering and Technology, the Government of Karnataka has established Visvesvaraya Technological University (VTU) at Belagavi ([www.vtu.ac.in](http://www.vtu.ac.in)) as per the VTU act 1994. The main function of which is to affiliate and manage these engineering colleges. VTU is one of the biggest Technological Universities in India, which has 201 (as on 2015) colleges affiliated to it. The intent on these college library websites analyses, technological innovations influencing the global connectivity through information technology and the concept of virtual library gaining momentum. The emergent internet based World Wide Web, as a new media/platform of information delivery, triggered proliferation of web based resource. The increased use of internet and phenomenal increase of web-based resources has stimulated the web based potential library service that enforces the transformation of print media into electronic media. Webometrics, the quantitative study of Web phenomena, is a field encompassing contributions from information science. Computer science and statistical physics. Its methodology draws especially from bibliometrics and scientometrics<sup>1</sup>. Webometric uses link analysis of Total web pages indexed, self-links, in-links, web impact factor and revised impact factor for quality evaluation of library websites by using GOOGLE Search engines (Alta-Vist.com has been merged with Yahoo) and the web presence that reflect the web performance of an institution is below the expected position to college authorities should reconsider their web policy, promoting substantial increases quality of their electronic publications.

## II. REVIEW OF LITERATURE

One of the simplest ways of economizing an enquiry is to review and build upon the work already done by other researchers. Elgharabawy and Ayu<sup>2</sup> examine the effect of conformance to WCAG on Webometrics ranking and also looked at the relation between WCAG conformance and SEO. Ying, Norman and Zhou<sup>3</sup> study online networking in the tourism and analyzed a hyperlink network of 745 tourism stakeholders in Charleston, South Carolina. Zeinolabedini et al<sup>4</sup> analyzed the 38 National Library websites using webometrics methods i.e., in-links, self-links and revised impact factor. Islam<sup>5</sup> conducted study on University websites of Bangladesh through Alta vista search engines and suggested to improve the WIF of the university websites in Bangladesh. The investigation conducted reveals a weak connectivity in the set of official websites of Nigerian University. However, the connectivity becomes stronger when all the university websites are taken into account. It increases significantly with addition of the only fond web communicator to the university websites Penhnikoy & Nwohiri<sup>6</sup>. Thomos & willett<sup>7</sup> analyse the webometric linkages to websites associated with departments of librarianship and information science of University of Sheffield. Webometric analysis for some universities in Lebanon and found that, link analysis to social web analysis, and is used in mainstream information science applications such as research evaluation in addition to applications in the wider social sciences Elhoury, Elkabani & Hamandi<sup>8</sup> presented in 21st centry academic forum conference proceedings 2014 at Berkely. Thanuskodi<sup>9</sup> analyse the selected institutes of National Importance websites in India and found that general information about homepage features are more in IIT's and lease in ISICAL and IISC., Verbeek and Klitkou<sup>10</sup> submitted report on use of webometrics for the analysis of knowledge flows within the European Research Area to better understand knowledge flows within the ERA and between the ERA and third counties. In particular, progress on knowledge sharing was on the most important areas for progress identified in the ERA Green paper consultations. Sujithai and Jeysankar<sup>11</sup> explained the webpage analysis of Indian Institute of Technologies websites and found that External Link Web pages provide more than other link pages.

Babu & others<sup>12</sup> examines 40 central universities websites in India and also develops a novel network diagram showing link structures between web nodes in webometric analysis and warns against taking the analogy between citation analysis and link analysis too far. Thelwal<sup>13</sup> explained Quantitative web research for the social sciences and the importance of the web itself as a communication medium and for hosting an increasingly wide array of documents, from journal articles to holiday brochures etc., Thelwall and Vaughan<sup>14</sup> are described about Webometrics and in this regard have dedicated the special issue to the memory of Thomas C. Almind who, with Peter Ingwersen, who coined the term Webometrics and played a key role in starting field. Jakopee, Hoare and Riordan<sup>15</sup> carry out a comparative analysis of hyperlink connectivity between higher education and research sites within two European Countries. A categorization of both Ireland's and Croatia's educational and research domains and sub-domains served as input to a customized web crawler to compute relevant connectivity measures. Trends and differences in both counties interconnections were observed. Shan & Feng<sup>16</sup> demonstrates the possibility of SL in Chinese university libraries from request, cost, security and humanities, Pavlina<sup>17</sup> presented the correct application of the algorithm, ranking of affected universities extremely improves, which changes overall ranking of other universities, Seeber et al<sup>18</sup> examine the extent to which the presence and number of web links between higher education institutions in European counties.

## III. METHODOLOGY

There are 201 Engineering colleges are affiliated with VTU in Karnataka state, 177 Engineering colleges are private unaided institutions, 2 colleges attained Deemed University status, 13 colleges are managed by Government Aided and remaining 9 Colleges are Private Aided Institutions, out of the total 89 engineering college library are covered under study based on year of establishment inclusion of Private Unaided, Private Aided and Government Colleges. The total 89 college library websites (affiliated to Visvesvaraya Technological University, Belgaum Karnataka state in India) are covered under this study. By using Google search engines collected Web pages indexed by search engines extracted by websites e.g [www.msrit.edu/library/](http://www.msrit.edu/library/) and there Self link by using domain [www.msrit.edu/library/](http://www.msrit.edu/library/) AND [www.msrit.edu/library/](http://www.msrit.edu/library/). in-links extracted using Boolean operators NOT [www.msrit.edu/library/](http://www.msrit.edu/library/) NOT [www.msrit.edu/library/](http://www.msrit.edu/library/) and calculated Web Impact Factor (WIF) with total SL+IL divided by total web page indexed and found Revised Impact Factor (RIF) by in-link divided by total web pages.

The type of domain extension of Engineering College library websites are classified Table.1, out of the Total 25 (28.09%) libraries have .ac.in domain extension, 17 (19.10%) have .edu.in domain extension, (15.79%) 14 libraries have .org domain extension, followed by .com 11 (12.36%), .edu and .in have equal domain extension and remaining 2 have (1.12%) .org.in, (1.12%) Internet Protocol (IP) respectively.

TABLE I. CLASSIFICATION OF ENGINEERING COLLEGE LIBRARIES WEBSITES BY THE DOMAIN EXTS

| Domain  | No. Of Libraries | No. Of Percentage |
|---------|------------------|-------------------|
| .ac.in  | 25               | 28.09             |
| .edu.in | 17               | 19.10             |
| .org    | 14               | 15.73             |
| .com    | 11               | 12.36             |
| .edu    | 10               | 11.24             |
| .in     | 10               | 11.24             |
| .org.in | 1                | 1.12              |
| ip      | 1                | 1.12              |
| TOTAL   | 89               | 100.00            |

#### IV. RANKED BY WIF AND RWIF

Analysis of data is the ultimate step in research process. Link between raw data and systematic representation, interpretation and significant results leading to conclusions. The General purpose search engine such as Alta Vista (presently merged with Yahoo.com) Google and all that is use full in webometrics studies. The present study reports that analysis of data gathered. The data analysis is based on web links for Engineering College Libraries and their Web Impact Factor with Rank wise shown in the Table II

TABLE II. RANKED BY WEB IMPACT FACTOR

| Name of the Colleges   | URL   | Web Page | SL    | IL   | SL+IL | WIF  | Ranked by WIF |
|--|---|----------|-------|------|-------|------|---------------|
| Library And Information Centre, Maharaja Institute Of Technology, Srirangapatna, Near Belawadi Mandya    | <a href="http://www.mitmysore.in/Library_MIT.html">http://www.mitmysore.in/Library_MIT.html</a>                             | 6        | 10    | 5    | 15    | 2.50 | 1             |
| Library And Information Centre, Cambridge Institute Of Technology, K.R.Puram,                            | <a href="http://citech.edu.in/library/">http://citech.edu.in/library/</a>   | 17100    | 32700 | 6480 | 39180 | 2.29 | 2             |
| Library And Information Centre, Dayananda Sagar College Of Engineering, Kumaraswamy Lavout, Bangalore-78 | <a href="http://dayanandasagar.edu/index.php/facilities/library">http://dayanandasagar.edu/index.php/facilities/library</a> | 593      | 572   | 541  | 1113  | 1.88 | 3             |
| Library And Information Centre, N.I.E Institute Of Technology Hootagalli Ind Area, Mysore                | <a href="http://www.nieit.ac.in/departments/library">http://www.nieit.ac.in/departments/library</a>                         | 803      | 758   | 747  | 1505  | 1.87 | 4             |
| Library And Information Centre, J.S.S Academy Of Technical Education Uttarahalli, Mvlasandra, Bangalore  | <a href="http://www.jssateb.ac.in/Library.html">http://www.jssateb.ac.in/Library.html</a>                                   | 169      | 166   | 147  | 313   | 1.85 | 5             |
| Library And Information Centre, Sir M. Visvesvaraya Institute Of Technology, Hunasemaranhalli.           | <a href="http://www.sirmvit.edu/facility/library/">http://www.sirmvit.edu/facility/library/</a>                             | 2030     | 1890  | 1650 | 3540  | 1.74 | 6             |
| Library And Information Centre, Vidya Vardhaka College Of Engineering, Gokulam, Mysore                   | <a href="http://vvce.ac.in/index.php/facilities/library/">http://vvce.ac.in/index.php/facilities/library/</a>               | 132      | 119   | 105  | 224   | 1.70 | 7             |

|  |   |      |      |      |      |      |    |
|--|---|------|------|------|------|------|----|
| Library and information centre,k.l.s.vishwanatha rao deshapande rural institute of technology,halival.                           | <a href="http://vdrit.org/library/">http://vdrit.org/library/</a>   | 3140 | 3080 | 1930 | 5010 | 1.60 | 8  |
| Library And Information Centre,Pes Institute Of Technology And Management, Kotegansoor, Shivamogga                               | <a href="http://pestrust.edu.in/pesitm/library/">http://pestrust.edu.in/pesitm/library/</a>                           | 540  | 499  | 359  | 858  | 1.59 | 9  |
| Library And Information Centre,Sjb Institute Of Technology, Uttarhalli Kengeri Bangalore   | <a href="http://www.sjbit.edu.in/library/index.html">http://www.sjbit.edu.in/library/index.html</a>                   | 195  | 154  | 139  | 293  | 1.50 | 10 |
| Library And Information Centre,Proudadevaraya Institute Of Technology,T.S.P.Dam Raod, Hosnet                                     | <a href="https://pditlibrary.wordpress.com/">https://pditlibrary.wordpress.com/</a>                                   | 27   | 25   | 14   | 39   | 1.44 | 11 |
| Library And Information Centre,Sri Tontadarya College Of Engineering,Gadag   | <a href="http://www.tcelibrary.webs.com/">http://www.tcelibrary.webs.com/</a>   | 617  | 532  | 349  | 881  | 1.43 | 12 |
| Library And Information Centre,Jnana Vikas Institute Of Thchnology, Bidadi, Ramangar Taluk, Ramangara                            | <a href="http://www.jvitedu.in/f_library.php">http://www.jvitedu.in/f_library.php</a>                                 | 48   | 35   | 27   | 62   | 1.29 | 13 |
| Library And Information Centre,Sri Venkateshwara College Of Engineering,Vidyanagar,Chikkaja                                      | <a href="http://www.svcengg.com/library.php">http://www.svcengg.com/library.php</a>                                   | 132  | 101  | 68   | 169  | 1.28 | 14 |
| Library And Information Centre,Coorg Institute Of Technology (Kunda),Halligatur, Ponnampet                                       | <a href="http://citcoorg.edu.in/library/index.html">http://citcoorg.edu.in/library/index.html</a>                     | 9    | 6    | 5    | 11   | 1.22 | 15 |
| Library And Information Centre,New Horizon College Of Engineering, Marathahalli Bangalore  | <a href="http://newhorizonindia.edu/nheengineering/library/">http://newhorizonindia.edu/nheengineering/library/</a>   | 480  | 439  | 144  | 583  | 1.21 | 16 |
| Library And Information Centre,Rao Bahaddur Y Mahabaleswarappa Engg  | <a href="http://www.rymec.in/Library.aspx">http://www.rymec.in/Library.aspx</a>                                       | 146  | 105  | 71   | 176  | 1.21 | 16 |
| Library And Information Centre,Peoples Education Society College Of Engineering,Mandya(Autonomous)                               | <a href="http://www.pescemandya.org/library.php">http://www.pescemandya.org/library.php</a>                           | 206  | 119  | 129  | 248  | 1.20 | 17 |
| Library And Information Centre,Sri Revanasiddeshwara Institute Of Technology,Chokkannahalli, Bangalore                           | <a href="http://srsect.edu.in/library/">http://srsect.edu.in/library/</a>   | 553  | 436  | 206  | 642  | 1.16 | 18 |
| Library And Information Centre,Bms College Of Engineering, Basavanudi, Bangalore   | <a href="http://www.bmsce.in/library-information-center">http://www.bmsce.in/library-information-center</a>           | 3340 | 2010 | 1850 | 3860 | 1.16 | 18 |
| Library And Information Centre,Canara Engineering College, Beniananadavu, Iodumarea Post   | <a href="http://www.canaraengineering.in/library.php">http://www.canaraengineering.in/library.php</a>                 | 256  | 121  | 159  | 280  | 1.09 | 19 |
| Library And Information Centre,Gsss Institute Of Engineering And Technology For Women, Metagalli,Mysore                          | <a href="http://geethashishu.in/departments/library">http://geethashishu.in/departments/library</a>                   | 210  | 61   | 159  | 220  | 1.05 | 20 |
| Library And Information Centre,Anjuman Engineering College For Men, Bhatkal, Nk (Anjuman Institute Of Technology And Management) | <a href="http://www.aitmb.ac.in/about-aitm/facilities?id=117">http://www.aitmb.ac.in/about-aitm/facilities?id=117</a> | 2    | 2    | 0    | 2    | 1.00 | 21 |

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|---|---|---------|--------|--------|--------|------|----|
| Library And Information Centre,Basava Academy Of Engineering, Nagasandra Post,Bangalore                         | <a href="http://www.basavaacademy.org/library.php">http://www.basavaacademy.org/library.php</a>   | 65      | 34     | 30     | 64     | 0.98 | 22 |
| Library And Information Centre,Basaveshwara Engineering College, P.B.No 53, Vidyasiri, Basalkote-587102         | <a href="http://www.becbgk.edu/library.php">http://www.becbgk.edu/library.php</a>   | 107     | 36     | 68     | 104    | 0.97 | 23 |
| Library And Information Centre,Sri Jayachamarajendra College Of Engineering,Manasa Gangothi,Mysore (Autonomous) | <a href="http://www.sjcecampus.org/index.php/home/library">www.sjcecampus.org/index.php/home/library</a>  | 148     | 50     | 88     | 138    | 0.93 | 24 |
| Library And Information Centre,Atria Institute Of Technology, Anandanagar, Bangalore                            | <a href="http://atria.edu/library/">http://atria.edu/library/</a>   | 1030000 | 717000 | 217000 | 934000 | 0.91 | 25 |
| Library And Information Centre,Angadi Institute Of Technology And Management,Savagaon Road,Belgaum              | <a href="http://aitmknowledgecentre.wix.com/aitm">http://aitmknowledgecentre.wix.com/aitm</a>   | 10      | 5      | 4      | 9      | 0.90 | 26 |
| Library And Information Centre,H.K.B.K College Of Engineering, Nagawara, Arabic College Post, Bangalore         | <a href="http://www.hkbkeducation.org/libraries.php">http://www.hkbkeducation.org/libraries.php</a>   | 1150    | 860    | 145    | 1005   | 0.87 | 27 |
| Library And Information Centre,Malnad College Of Engineering, Salagame Road, Hassan (Autonomous)                | <a href="http://www.mcehassan.ac.in/index.php/2014-04-10-06-58-40/library">http://www.mcehassan.ac.in/index.php/2014-04-10-06-58-40/library</a>                                 | 7       | 5      | 1      | 6      | 0.86 | 28 |
| Library and information centre,t. John institute of technology, bannerghatta road,bangalore                     | <a href="http://www.tjohnit.com/index.php/departments/library">http://www.tjohnit.com/index.php/departments/library</a>   | 427     | 258    | 79     | 337    | 0.79 | 29 |
| Library And Information Centre,Channa Basaveshwara Institute Of Technology,Gubbi, Tumkur                        | <a href="http://www.cittumkur.org/library_aboutus.html">http://www.cittumkur.org/library_aboutus.html</a>   | 4       | 2      | 1      | 3      | 0.75 | 30 |
| Library And Information Centre,Amc Engineering College, Bannerghatta Road,Bangalore                             | <a href="http://www.amcgroup.edu.in/AMCEC/Library.php">http://www.amcgroup.edu.in/AMCEC/Library.php</a>   | 19      | 7      | 7      | 14     | 0.74 | 31 |
| Library And Information Centre,Ghousia College Of Engineering,Ramangar  | <a href="http://www.ghousiaedu.org/engineering/library.htm">www.ghousiaedu.org/engineering/library.htm</a>  | 44      | 15     | 11     | 26     | 0.59 | 32 |
| Library And Information Centre,Nitte Mahalinga Adyanthaya Memorial Institute                                    | <a href="http://nmamit.nitte.edu.in/?page_id=458">http://nmamit.nitte.edu.in/?page_id=458</a>   | 7       | 2      | 2      | 4      | 0.57 | 33 |
| Library And Information Centre,M.S.Engineering College,Navarathna Agrahara,Sadahalli Post, Bangalore            | <a href="http://www.msec.ac.in/pages/view/library">http://www.msec.ac.in/pages/view/library</a>   | 104000  | 28600  | 28200  | 56800  | 0.55 | 34 |
| Library And Information Centre,B.G.S.Institute Of Technology, Bellur Cross, Nagamangala Taluk, Mandva           | <a href="http://www.bgsit.in/library/">http://www.bgsit.in/library/</a>   | 5230    | 1450   | 1120   | 2570   | 0.49 | 35 |
| Library And Information Centre,Sapthagiri College Of Engineering,Chikkasandra, Bangalore                        | <a href="http://www.sapthagiri.edu.in/index.php/administration-2/adminssions/library.html">http://www.sapthagiri.edu.in/index.php/administration-2/adminssions/library.html</a> | 1040    | 256    | 243    | 499    | 0.48 | 36 |
| Library And Information Centre,Sri Dharamasthala Manjunatheswara Engineering College,Dharwad(Autonomous)        | <a href="http://210.212.198.140:8082/library/">http://210.212.198.140:8082/library/</a>   | 9       | 4      | 0      | 4      | 0.44 | 37 |

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|--|---|---------|--------|--------|---------|------|----|
| Library And Information Centre,R.V.College Of Engineering, Mysore Road,Bangalore (Autonomous)                      | <a href="http://www.rvce.edu.in/library">http://www.rvce.edu.in/library</a>   | 61200   | 22600  | 2460   | 25060   | 0.41 | 38 |
| Library And Information Centre,Sri Belimatha Maha Sahamsthana Institute Of Tehcnology,Nelamangala                  | <a href="http://www.sbsmit.org/lib.php">http://www.sbsmit.org/lib.php</a>   | 27      | 9      | 2      | 11      | 0.41 | 38 |
| Library And Information Centre,Siddaganga Institute Of Technology,B.H.Road,Tumkur (Autonomous)                     | <a href="http://www.sit.ac.in/department/lib/lib.html">http://www.sit.ac.in/department/lib/lib.html</a>                       | 3510000 | 964000 | 391000 | 1355000 | 0.39 | 39 |
| Library And Information Centre,St.Joseph Engineering College, Vamanjoor, Mangalore                                 | <a href="http://www.sjec.ac.in/central-library.php">http://www.sjec.ac.in/central-library.php</a>                             | 787     | 159    | 132    | 291     | 0.37 | 40 |
| Library and information centre,moodalkatte institute of technology,moodalakatte, kundapura.                        | <a href="http://dev.mitkundapura.com/library.php">http://dev.mitkundapura.com/library.php</a>                                 | 39      | 7      | 7      | 14      | 0.36 | 41 |
| Library And Information Centre,Bapuji Institute Of Engineering And Technology, Shamanur Road, Davangere            | <a href="http://www.bietdvg.edu/Library/info.html">http://www.bietdvg.edu/Library/info.html</a>                               | 206     | 36     | 37     | 73      | 0.35 | 42 |
| Library And Information Centre,Secab Institute Of Engineering And Technology, Naurasnur, Bijanur                   | <a href="http://www.secab.org/siet/elibrary.html">http://www.secab.org/siet/elibrary.html</a>                                 | 45      | 12     | 3      | 15      | 0.33 | 43 |
| Library And Information Centre,BLDE'S V.P.Dr.P.G.Halakatti College Of Engineering And Technology,Bijapur           | <a href="http://www.bldeacet.ac.in/Library.aspx">http://www.bldeacet.ac.in/Library.aspx</a>                                   | 113     | 25     | 12     | 37      | 0.33 | 44 |
| Library And Information Centre,Karnataka Law Society Gogte Institute Of Technology Udyambag,Beleagum               | <a href="http://www.git.edu/?page_id=261">http://www.git.edu/?page_id=261</a>   | 125000  | 20700  | 19200  | 39900   | 0.32 | 45 |
| Library And Information Centre,Adichunchanagiri Institute Of Technology,Chickmagalur                               | <a href="http://www.aitchikmagalur.ac.in/facilities/library.html">http://www.aitchikmagalur.ac.in/facilities/library.html</a> | 120     | 29     | 8      | 37      | 0.31 | 46 |
| Library And Information Centre,Hke's Sln College Of Engineering Yermarus Camp,Raichur                              | <a href="http://slnceraichur.com/library">http://slnceraichur.com/library</a>   | 177     | 52     | 2      | 54      | 0.31 | 46 |
| Library And Information Centre,K.N.S Institute Of Technology,Hegde Nagar, Yelahanka Hobli,Bangalore                | <a href="http://www.knsit.com/Other_Pages/Library.html">http://www.knsit.com/Other_Pages/Library.html</a>                     | 23      | 6      | 1      | 7       | 0.30 | 47 |
| Library And Information Centre,Nitte Meenakshi Institute Of Technology,Gollahalli,Yelahanka Bangalore (Autonomous) | <a href="http://www.nmit.ac.in/facility-library.php">http://www.nmit.ac.in/facility-library.php</a>                           | 2560    | 588    | 180    | 768     | 0.30 | 47 |
| Library And Information Centre,Islamiah Institute Of Technology,Bangalore  | <a href="http://islamiahit.ac.in/library.html">http://islamiahit.ac.in/library.html</a>                                       | 65      | 16     | 2      | 18      | 0.28 | 48 |
| Library And Information Centre,M.S.Ramaiah Institute Of Technology,Msr Nagar,Bangalore                             | <a href="http://www.msrit.edu/library/">www.msrit.edu/library/</a>  | 88200   | 19200  | 2330   | 21530   | 0.24 | 49 |
| Library And Information Centre,Bangalore Institute Of Technology,Kr Road, Bangalore                                | <a href="http://bit-bangalore.edu.in/library">http://bit-bangalore.edu.in/library</a>   | 2150000 | 516000 | 5330   | 521330  | 0.24 | 49 |

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|--|---|----------|--------|---------|---------|------|----|
| Library And Information Centre,P.A.College Of Engineering,Kairangala, Bantwal, Mangalore                     | <a href="http://pace.edu.in/facilities-central-library.php">http://pace.edu.in/facilities-central-library.php</a>   | 663000   | 77800  | 73000   | 150800  | 0.23 | 50 |
| Library And Information Centre,Nagarjun College Of Engineering And Technology, Devanahalli,Bangalore         | <a href="http://www.nagarjunaeducation.com/ncet/library.html">http://www.nagarjunaeducation.com/ncet/library.html</a>   | 917      | 97     | 110     | 207     | 0.23 | 50 |
| Library And Information Centre,Vivekananda College Of Engineering And Technology, Nehru Nagar, Puttur        | <a href="http://www.vcetputtur.ac.in/index.php/facilities/library">http://www.vcetputtur.ac.in/index.php/facilities/library</a>                                 | 61       | 8      | 5       | 13      | 0.21 | 51 |
| Library And Information Centre,The Oxford College Of Engineering, Bommanahalli, Hosur Rd, Bangalore          | <a href="http://www.theoxford.edu/engineering/library.htm">http://www.theoxford.edu/engineering/library.htm</a>   | 122000   | 12300  | 12000   | 24300   | 0.20 | 52 |
| Library And Information Centre,Don Bosco Institute Of Technology,Kumbalgarh,Bangalore                        | <a href="http://donboscobangalore.education/dbit/infra-and-facilities/library.php">http://donboscobangalore.education/dbit/infra-and-facilities/library.php</a> | 54       | 5      | 5       | 10      | 0.19 | 53 |
| Library And Information Centre,B.T.L.Institute Of Technology And Management, Bommasandra, Bangalore          | <a href="http://www.btlit.ac.in/index.php/facilities/library">http://www.btlit.ac.in/index.php/facilities/library</a>   | 109      | 12     | 8       | 20      | 0.18 | 54 |
| Library And Information Centre,R.L.Jalappa Institute Of Technology,Kodigehalli,Doddaballapur                 | <a href="http://www.rljit.in/library.html">http://www.rljit.in/library.html</a>   | 2370     | 203    | 200     | 403     | 0.17 | 55 |
| Library And Information Centre,Guru Nanak Dev Engineering College,Bidar                                      | <a href="https://gndecb.org/departments/library.php">https://gndecb.org/departments/library.php</a>   | 36       | 4      | 2       | 6       | 0.17 | 55 |
| Library And Information Centre,Shirdi Sai Engineering College,Anekal Bangalore (Sai Ram Engineering College) | <a href="http://sairamce.edu.in/library/">http://sairamce.edu.in/library/</a>   | 259      | 35     | 8       | 43      | 0.17 | 55 |
| Library and information centre,dr.sri sri shivkumar mahaswamy college of engineering, nelamangala.           | <a href="http://www.drsmce.in/Library.html">http://www.drsmce.in/Library.html</a>   | 343      | 20     | 32      | 52      | 0.15 | 56 |
| Library And Information Centre,Shree Devi Institute Of Technology, Airport Road, Kanjar, Mangalore           | <a href="http://sdc.ac.in/sdit/index.php/facilities/library/">http://sdc.ac.in/sdit/index.php/facilities/library/</a>   | 13200    | 1020   | 979     | 1999    | 0.15 | 56 |
| Library And Information Centre,Bms Institute Of Technology And Management,Yelahanka                          | <a href="https://bmsit.ac.in/library">https://bmsit.ac.in/library</a>   | 14400    | 1690   | 279     | 1969    | 0.14 | 57 |
| Library and information centre,dr. Ambedkar institute of technology, bangalore (autonomous)                  | <a href="http://www.dr-ait.org/library/library.php">http://www.dr-ait.org/library/library.php</a>   | 592000   | 55600  | 25200   | 80800   | 0.14 | 57 |
| Library And Information Centre,Kalpataru Institute Of Technology,Tiptur                                      | <a href="http://www.kittiptur.ac.in/library.html">http://www.kittiptur.ac.in/library.html</a>   | 901      | 66     | 46      | 112     | 0.12 | 59 |
| Library And Information Centre,B.N.M.Institute Of Technology,Bsk 2nd Stage,Bangalore                         | <a href="http://www.bnmit.org/library-information-centre/">http://www.bnmit.org/library-information-centre/</a>   | 2840     | 163    | 144     | 307     | 0.11 | 60 |
| Library And Information Centre,Maratha Mandals Engineering College, Vantmuri Via Kakati,Belgaum              | <a href="http://mmec.edu.in/facilities/library/">http://mmec.edu.in/facilities/library/</a>   | 3800     | 230    | 113     | 343     | 0.09 | 61 |
| Library And Information Centre,Global Academy Of Technology, Rajarajeshwarinagar,Bangalore                   | <a href="http://www.gat.ac.in/index.php/facilities/library">http://www.gat.ac.in/index.php/facilities/library</a>   | 24900000 | 947000 | 1100000 | 2047000 | 0.08 | 62 |

|   |   |          |        |        |        |      |    |
|---|---|----------|--------|--------|--------|------|----|
| Library And Information Centre,Acharaya Institute Of Technology, Soladevanahalli, Bangalore               | <a href="https://sites.google.com/site/aitknowledgecentre/library-links">https://sites.google.com/site/aitknowledgecentre/library-links</a>   | 91       | 6      | 1      | 7      | 0.08 | 62 |
| Library and information centre, mangalore institute of technology and engineering,mijar,moodabidri.       | <a href="http://www.mite.ac.in/library">http://www.mite.ac.in/library</a>   | 11900000 | 649000 | 76100  | 725100 | 0.06 | 63 |
| Library And Information Centre,Vemana Institute Of Technology,Koramanagala, Bangalore                     | <a href="http://www.vemanait.edu.in/library.html">http://www.vemanait.edu.in/library.html</a>   | 622      | 21     | 15     | 36     | 0.06 | 63 |
| Library And Information Centre,Sahyadri College Of Engineering And Management, Adyar,Mangalore            | <a href="https://sahyadri.edu.in/Facilities/Library.html">https://sahyadri.edu.in/Facilities/Library.html</a>   | 66400    | 1940   | 977    | 2917   | 0.04 | 64 |
| Library And Information Centre,K.Venaktaramana Gowda College Of Engineering, Kuruniibhag, Sullia          | <a href="http://www.kvgengg.com/library.html">http://www.kvgengg.com/library.html</a>   | 2310     | 30     | 53     | 83     | 0.04 | 64 |
| Library And Information Centre,Ballari Institute Of Technology And Management, Near Alipur, Bellary       | <a href="http://www.bitm.edu.in/library.html">http://www.bitm.edu.in/library.html</a>   | 88700    | 1980   | 1020   | 3000   | 0.03 | 65 |
| Library And Information Centre,R.T.E.Society's Rural Engineering College,Hulkoti                          | <a href="http://www.rechulkoti.edu.in/library.html">http://www.rechulkoti.edu.in/library.html</a>   | 459      | 10     | 2      | 12     | 0.03 | 65 |
| Library and information centre,hms institute of technology, kythasandra,kesaramadu po.                    | <a href="http://www.hmsit.ac.in/LIBRARY.html">http://www.hmsit.ac.in/LIBRARY.html</a>   | 2090     | 32     | 18     | 50     | 0.02 | 66 |
| Library And Information Centre,Sri Krishna Institute Of Technology, Chikkabanavar, Bangalore              | <a href="http://skit.org.in/library.html">http://skit.org.in/library.html</a>   | 10100000 | 160000 | 56200  | 216200 | 0.02 | 66 |
| Library And Information Centre, National Institute Of Engineering, Manandavadi Road,Mysore (Autonomous)   | <a href="http://www.nie.ac.in/library/">http://www.nie.ac.in/library/</a>   | 65700000 | 711000 | 121000 | 832000 | 0.01 | 67 |
| Library And Information Centre,Amrutha Institute Of Engineering And Mgmt Sciences, Bidadi, Bangalore      | <a href="http://www.aiems.in/facilities/library/">http://www.aiems.in/facilities/library/</a>   | 80300000 | 69000  | 784000 | 853000 | 0.01 | 67 |
| Library And Information Centre,R.N.S Institute Of Technology, Channasandra, Kengeri Road,Bangalore        | <a href="http://www.rnsit.ac.in/library.html">http://www.rnsit.ac.in/library.html</a>   | 22100    | 116    | 57     | 173    | 0.01 | 67 |
| Library And Information Centre,Rajrajeshwari College Of Engineering,Mysore                                | <a href="http://www.rce.org/central-library/">http://www.rce.org/central-library/</a>   | 85600000 | 593000 | 54800  | 647800 | 0.01 | 67 |
| Library And Information Centre,Jawaharlal Nehru National College Of Engineering, Shimoga                  | <a href="http://jnnc.ac.in/jnnc/library.html">http://jnnc.ac.in/jnnc/library.html</a>   | 29200    | 44     | 18     | 62     | 0.00 | 68 |
| Library and information centre,s.j.c. Institute of technology,chickballapur                               | <a href="http://sjcit.ac.in/lib_staff.htm">http://sjcit.ac.in/lib_staff.htm</a>   | 2        | 0      | 0      | 0      | 0.00 | 68 |
| Library And Information Centre,Vivekananda Institute Of Technology, Gudimavu, Kumbalagod, Bangalore       | <a href="http://www.vitb.ac.in/libraryredirect.php">http://www.vitb.ac.in/libraryredirect.php</a>   | 1        | 0      | 0      | 0      | 0.00 | 68 |
| Library And Information Centre,Shridevi Institute Of Engineering And Technology, Sira Road, Tumkur-572106 | <a href="http://shrideviengineering.org/index.php?option=com_content&amp;view=article&amp;id=187&amp;Itemid=311">http://shrideviengineering.org/index.php?option=com_content&amp;view=article&amp;id=187&amp;Itemid=311</a> | 1        | 0      | 0      | 0      | 0.00 | 68 |



Table II Revealed That, The library and information centre, maharaja institute of technology, srirangapatna, near belowadi mandya Stood Rank 1 With (2.50) WIF, Followed by library and information centre, cambridge institute of technology, k.r.puram, Bangalore (2nd Rank), library and information centre, dayananda sagar college of engineering, kumarwamy layout, Bangalore (3rd Rank), LIBRARY AND information centre, n.i.e institute of technology hootagalli ind area, mysore (4th Rank) and library and information centre, j.s.s academy of technical education uttarahalli, mylasandra, Bangalore With 5th Rank With ( 1.85) WIF. Two College Libraries Are Shared 16th Rank I.E., library and information centre, new horizon college of engineering, marathahalli, bangalore and library and information centre,rao bahaddur y mahabaleswarappa engg college, contonment, bellary (1.21) wif. Out of total, library and information centre, r.l.jalappa institute of technology, kodigehalli,doddaballapura, library and information centre,guru nanak dev engineering college,bidar and library and information centre, shirdi sai engineering college,anekal Bangalore (sai ram engineering college) Shared 55th Rank With (0.17) WIF, And 4 college libraries library and information centre, national institute of engineering, manandavadi road,mysore (autonomous), library and information centre,amrutha institute of engineering and mgmt sciences, bidadi, bangalore, library and information centre,r.n.s institute of technology, channasandra, kengeri road,bangalore and library and information centre,rajrajeshwari college of engineering, mysore ROAD,BANGALORE Shared 67th Rank Though More Web Page Indexed With More Self Link And In Link And The Last 68th Rank Shared By 4 College Libraries, LIBRARY AND information centre,jawaharlal nehru national college of engineering, shimoga, library and information centre,s.j.c. institute of technology, chickballapur, library and information centre,vivekananda institute of technology, gudimavu, kumbalagod, bangalore and library and information centre, shridevi institute of engineering and technology, sira road, tumkur with (0.00) wif. Revised web impact factor (rwif) of engineering college libraries also vary. While this may be a useful indication of the influence of engineering college libraries on the web. It may also indicate that, search engines is an imperfect tool for determining the total number of pages at a site and also that the number of pages may be a poor measure of the information content of a site. There are significantly different reasons for linking to one library, rather than others. The study has shown that the quality of research produced by academics is the main reason for attracting links compare to engineering college libraries. Finally all the engineering college libraries have very good links, though some of the libraries have all the links some of the libraries have very less links. In the table iii revealed that the revised web impact factor of engineering college libraries and their ranks.

TABLE III. RANKED BY REVISED WEB IMPACT FACTOR (RWIF)

| Name of the Colleges   | URL   | Web Page | SL   | IL   | RWIF | Ranked by RWIF |
|--|---|----------|------|------|------|----------------|
| Library And Information Centre,N.I.E Institute Of Technology Hootagalli Ind Area, Mysore               | <a href="http://www.nieit.ac.in/departments/library">http://www.nieit.ac.in/departments/library</a>                         | 803      | 758  | 747  | 0.93 | 1              |
| Library And Information Centre,Dayananda Sagar College Of Engineering,Kumarwamy Layout, Bangalore-78   | <a href="http://dayanandasagar.edu/index.php/facilities/library">http://dayanandasagar.edu/index.php/facilities/library</a> | 593      | 572  | 541  | 0.91 | 2              |
| Library And Information Centre,J.S.S Academy Of Technical Education Uttarahalli, Mylasandra, Bangalore | <a href="http://www.jssateb.ac.in/Library.html">http://www.jssateb.ac.in/Library.html</a>                                   | 169      | 166  | 147  | 0.87 | 3              |
| Library And Information Centre,Maharaja Institute Of Technology, Srirangapatna, Near Belowadi Mandya   | <a href="http://www.mitmysore.in/Library_MIT.html">http://www.mitmysore.in/Library_MIT.html</a>                             | 6        | 10   | 5    | 0.83 | 4              |
| Library And Information Centre,Sir M. Visvesvaraya Institute Of Technology,Hunasearanhalli, Bangalore  | <a href="http://www.sirmvit.edu/facilities/library/">http://www.sirmvit.edu/facilities/library/</a>                         | 2030     | 1890 | 1650 | 0.81 | 5              |
| Library And Information Centre,Vidya Vardhaka College Of Engineering,Gokulam, Mysore                   | <a href="http://vvce.ac.in/index.php/facilities/library/">http://vvce.ac.in/index.php/facilities/library/</a>               | 132      | 119  | 105  | 0.80 | 6              |

|   |   |      |      |      |      |    |
|---|---|------|------|------|------|----|
| Library And Information Centre,Gsss Institute Of Engineering And Technology For Women, Metagalli,Mysore         | <a href="http://geethashishu.in/departments/library">http://geethashishu.in/departments/library</a>                             | 210  | 61   | 159  | 0.76 | 7  |
| Library And Information Centre,Sjb Institute Of Technology,Uttarhalli,Kengeri, Bangalore                        | <a href="http://www.sjbit.edu.in/library/index.html">http://www.sjbit.edu.in/library/index.html</a>                             | 195  | 154  | 139  | 0.71 | 8  |
| Library And Information Centre,Pes Institute Of Technology And Management, Kotegangoor, Shivamogga              | <a href="http://pestrust.edu.in/pesitm/library/">http://pestrust.edu.in/pesitm/library/</a>                                     | 540  | 499  | 359  | 0.66 | 9  |
| Library And Information Centre,Vivekananda College Of Engineering And Technology, Nehru Nagar, Puttur           | <a href="http://www.vcetputtur.ac.in/index.php/facilities/library">http://www.vcetputtur.ac.in/index.php/facilities/library</a> | 61   | 8    | 5    | 0.08 | 10 |
| Library And Information Centre,Basaveshwara Engineering College, P.B.No 53, Vidyagiri, Bagalkote-587102         | <a href="http://www.becbgk.edu/library.php">http://www.becbgk.edu/library.php</a>   | 107  | 36   | 68   | 0.64 | 10 |
| Library And Information Centre,Peoples Education Society College Of Engineering,Mandya(Autonomous)              | <a href="http://www.pescemandya.org/library.php">http://www.pescemandya.org/library.php</a>                                     | 206  | 119  | 129  | 0.63 | 11 |
| Library And Information Centre,Canara Engineering College, Benjanapadavu,Jodumarga Post, Bantawal               | <a href="http://www.canaraengineering.in/library.php">http://www.canaraengineering.in/library.php</a>                           | 256  | 121  | 159  | 0.62 | 12 |
| Library and information centre,k.l.s.vishwanatha rao deshapande rural institute of technology,haliyal.          | <a href="http://vdrit.org/library/">http://vdrit.org/library/</a>   | 3140 | 3080 | 1930 | 0.61 | 13 |
| Library And Information Centre,Sri Jayachamarajendra College Of Engineering,Manasa Gangothi,Mysore (Autonomous) | <a href="http://www.sjcecampus.org/index.php/home/library">www.sjcecampus.org/index.php/home/library</a>                        | 148  | 50   | 88   | 0.59 | 14 |
| Library And Information Centre,Sri Tontadarya College Of Engineering,Gadag                                      | <a href="http://www.tcelibrary.webs.com/">http://www.tcelibrary.webs.com/</a>   | 617  | 532  | 349  | 0.57 | 15 |
| Library And Information Centre,Coorg Institute Of Technology (Kunda),Halligatur, Ponnampet                      | <a href="http://citcoorg.edu.in/library/index.html">http://citcoorg.edu.in/library/index.html</a>                               | 9    | 6    | 5    | 0.56 | 16 |
| Library And Information Centre,Jnana Vikas Institute Of Technology, Bidadi, Ramangar Taluk, Ramangara           | <a href="http://www.jvitedu.in/f_library.php">http://www.jvitedu.in/f_library.php</a>   | 48   | 35   | 27   | 0.56 | 16 |
| Library And Information Centre,Bms College Of Engineering, Basavangudi,Bangalore (Autonomous)                   | <a href="http://www.bmsce.in/library-information-center">http://www.bmsce.in/library-information-center</a>                     | 3340 | 2010 | 1850 | 0.55 | 17 |
| Library And Information Centre,Proudadevaraya Institute Of Technology,T.S.P.Dam Raod, Hospet                    | <a href="https://pditlibrary.wordpress.com/">https://pditlibrary.wordpress.com/</a>   | 27   | 25   | 14   | 0.52 | 18 |
| Library And Information Centre,Sri Venkateshwara College Of Engineering,Vidyanagar,Chikkajala,Bangalore         | <a href="http://www.svcengg.com/library.php">http://www.svcengg.com/library.php</a>   | 132  | 101  | 68   | 0.52 | 18 |
| Library And Information Centre,Rao Bahaddur Y Mahabaleshwarappa Engg College,Contonment,Bellary                 | <a href="http://www.rymec.in/Library.aspx">http://www.rymec.in/Library.aspx</a>   | 146  | 105  | 71   | 0.49 | 19 |

|   |   |         |        |        |      |    |
|---|---|---------|--------|--------|------|----|
| Library And Information Centre,Basava Academy Of Engineering, Nagasandra Post,Bangalore                 | <a href="http://www.basavaacademy.org/library.php">http://www.basavaacademy.org/library.php</a>   | 65      | 34     | 30     | 0.46 | 20 |
| Library And Information Centre,Angadi Institute Of Technology And Management,Savagaon Road,Belgaum      | <a href="http://aitmknowledgecentre.wix.com/aitm">http://aitmknowledgecentre.wix.com/aitm</a>   | 10      | 5      | 4      | 0.40 | 21 |
| Library And Information Centre,Cambridge Institute Of Technology, K.R.Puram, Bangalore                  | <a href="http://citech.edu.in/library/">http://citech.edu.in/library/</a>   | 17100   | 32700  | 6480   | 0.38 | 22 |
| Library And Information Centre,Amc Engineering College, Bannerghatta Road,Bangalore                     | <a href="http://www.amcgroup.edu.in/AMCEC/Library.php">http://www.amcgroup.edu.in/AMCEC/Library.php</a>   | 19      | 7      | 7      | 0.37 | 23 |
| Library And Information Centre,Sri Revanasiddeshwara Institute Of Technology,Chokkannahalli, Bangalore  | <a href="http://srsect.edu.in/library/">http://srsect.edu.in/library/</a>   | 553     | 436    | 206    | 0.37 | 23 |
| Library And Information Centre,New Horizon College Of Engineering, Marathahalli,Bangalore               | <a href="http://newhorizonindia.edu/nhengineering/library/">http://newhorizonindia.edu/nhengineering/library/</a>   | 480     | 439    | 144    | 0.30 | 24 |
| Library And Information Centre,Malnad College Of Engineering, Salagame Road, Hassan (Autonomous)        | <a href="http://nmamit.nitte.edu.in/?page_id=458">http://nmamit.nitte.edu.in/?page_id=458</a>   | 7       | 2      | 2      | 0.29 | 25 |
| Library And Information Centre,M.S.Engineering College,Navarathna Agrahara,Sadahalli Post, Bangalore    | <a href="http://www.msec.ac.in/pages/view/library">http://www.msec.ac.in/pages/view/library</a>   | 104000  | 28600  | 28200  | 0.27 | 26 |
| Library And Information Centre,Channa Basaveshwara Institute Of Technology,Gubbi, Tumkur                | <a href="http://www.cittumkur.org/library_aboutus.html">http://www.cittumkur.org/library_aboutus.html</a>   | 4       | 2      | 1      | 0.25 | 27 |
| Library And Information Centre,Ghousia College Of Engineering,Ramangar                                  | <a href="http://www.ghousiaedu.org/engineering/library.htm">www.ghousiaedu.org/engineering/library.htm</a>  | 44      | 15     | 11     | 0.25 | 27 |
| Library And Information Centre,Sapthagiri College Of Engineering,Chikkasandra,Bangalore                 | <a href="http://www.sapthagiri.edu.in/index.php/administration-2/adminsions/library.html">http://www.sapthagiri.edu.in/index.php/administration-2/adminsions/library.html</a> | 1040    | 256    | 243    | 0.23 | 28 |
| Library And Information Centre,B.G.S.Institute Of Technology, Bellur Cross, Nagamangala Taluk, Mandya   | <a href="http://www.bgsit.in/library/">http://www.bgsit.in/library/</a>   | 5230    | 1450   | 1120   | 0.21 | 29 |
| Library And Information Centre,Atria Institute Of Technology,Anandanagar,Bangalore                      | <a href="http://atria.edu/library/">http://atria.edu/library/</a>   | 1030000 | 717000 | 217000 | 0.21 | 29 |
| Library and information centre,t. John institute of technology, bannerghatta road,bangalore             | <a href="http://www.tjohnit.com/index.php/departments/library">http://www.tjohnit.com/index.php/departments/library</a>   | 427     | 258    | 79     | 0.19 | 30 |
| Library and information centre,moodalkatte institute of technology,moodalakatte, kundapura.             | <a href="http://dev.mitkundapura.com/library.php">http://dev.mitkundapura.com/library.php</a>   | 39      | 7      | 7      | 0.18 | 31 |
| Library And Information Centre,Bapuji Institute Of Engineering And Technology, Shamanur Road, Davangere | <a href="http://www.bietdvg.edu/Library/info.html">http://www.bietdvg.edu/Library/info.html</a>   | 206     | 36     | 37     | 0.18 | 31 |
| Library And Information Centre,St.Joseph Engineering College, Vamanjoor, Mangalore                      | <a href="http://www.sjec.ac.in/central-library.php">http://www.sjec.ac.in/central-library.php</a>   | 787     | 159    | 132    | 0.17 | 32 |

|   |   |         |        |        |      |    |
|---|---|---------|--------|--------|------|----|
| Library And Information Centre,Karnataka Law Society Gogte Institute Of Technology Udyambag,Belgaum                 | <a href="http://www.git.edu/?page_id=261">http://www.git.edu/?page_id=261</a>   | 125000  | 20700  | 19200  | 0.15 | 33 |
| Library And Information Centre,Nitte Mahalinga Adyanthaya Memorial Institute Of Technology, Nitte (Dk) (Autonomous) | <a href="http://www.mcehassan.ac.in/index.php/2014-04-10-06-58-40/library">http://www.mcehassan.ac.in/index.php/2014-04-10-06-58-40/library</a>                 | 7       | 5      | 1      | 0.14 | 34 |
| Library And Information Centre,H.K.B.K College Of Engineering, Nagawara, Arabic College Post, Bangalore             | <a href="http://www.hkbkeducation.org/libraries.php">http://www.hkbkeducation.org/libraries.php</a>   | 1150    | 860    | 145    | 0.13 | 35 |
| Library And Information Centre,Nagarjun College Of Engineering And Technology, Devanahalli,Bangalore                | <a href="http://www.nagarjunaeducation.com/ncet/library.html">http://www.nagarjunaeducation.com/ncet/library.html</a>   | 917     | 97     | 110    | 0.12 | 36 |
| Library And Information Centre,BLDE'S V.P.Dr.P.G.Halakatti College Of Engineering And Technology,Bijapur            | <a href="http://www.bldeacet.ac.in/Library.aspx">http://www.bldeacet.ac.in/Library.aspx</a>   | 113     | 25     | 12     | 0.11 | 37 |
| Library And Information Centre,P.A.College Of Engineering,Kairangala, Bantwal, Mangalore                            | <a href="http://pace.edu.in/facilities-central-library.php">http://pace.edu.in/facilities-central-library.php</a>   | 663000  | 77800  | 73000  | 0.11 | 37 |
| Library And Information Centre,Siddaganga Institute Of Technology,B.H.Road,Tumkur (Autonomous)                      | <a href="http://www.sit.ac.in/department/lib/lib.html">http://www.sit.ac.in/department/lib/lib.html</a>   | 3510000 | 964000 | 391000 | 0.11 | 37 |
| Library And Information Centre,The Oxford College Of Engineering, Bommanahalli, Hosur Rd, Bangalore                 | <a href="http://www.theoxford.edu/engineering/library.htm">http://www.theoxford.edu/engineering/library.htm</a>   | 122000  | 12300  | 12000  | 0.10 | 38 |
| Library And Information Centre,Don Bosco Institute Of Technology,Kumbalgod,Bangalore                                | <a href="http://donboscobangalore.education/dbit/infra-and-facilities/library.php">http://donboscobangalore.education/dbit/infra-and-facilities/library.php</a> | 54      | 5      | 5      | 0.09 | 39 |
| Library and information centre,dr.sri sri sri shivkumar mahaswamy college of engineering, nelamangala.              | <a href="http://www.drsmce.in/Library.html">http://www.drsmce.in/Library.html</a>   | 343     | 20     | 32     | 0.09 | 39 |
| Library And Information Centre,R.L.Jalappa Institute Of Technology,Kodigehalli, Doddaballapura                      | <a href="http://www.rljit.in/library.html">http://www.rljit.in/library.html</a>   | 2370    | 203    | 200    | 0.08 | 40 |
| Library And Information Centre,Sri Belimatha Maha Sahamstana Institute Of Tehcnology,Nelamangala                    | <a href="http://www.sbsmit.org/lib.php">http://www.sbsmit.org/lib.php</a>   | 27      | 9      | 2      | 0.07 | 41 |
| Library And Information Centre,B.T.L.Institute Of Technology And Management, Bommasandra, Bangalore                 | <a href="http://www.btlit.ac.in/index.php/facilities/library">http://www.btlit.ac.in/index.php/facilities/library</a>   | 109     | 12     | 8      | 0.07 | 41 |
| Library And Information Centre,Nitte Meenakshi Institute Of Technology,Gollahalli,Yelahanka, Bangalore (Autonomous) | <a href="http://www.nmit.ac.in/facility-library.php">http://www.nmit.ac.in/facility-library.php</a>   | 2560    | 588    | 180    | 0.07 | 41 |
| Library And Information Centre,Shree Devi Institute Of Technology, Airport Road, Kenjar, Mangalore                  | <a href="http://sdc.ac.in/sdit/index.php/facilities/library/">http://sdc.ac.in/sdit/index.php/facilities/library/</a>   | 13200   | 1020   | 979    | 0.07 | 41 |
| Library And Information Centre,Secab Institute Of Engineering And Technology, Naurasapur, Bijapur                   | <a href="http://www.secab.org/siet/elibrary.html">http://www.secab.org/siet/elibrary.html</a>   | 45      | 12     | 3      | 0.07 | 42 |

|  |   |          |        |       |      |    |
|--|---|----------|--------|-------|------|----|
| Library And Information Centre, Adichunchanagiri Institute Of Technology, Chickmagalur                         | <a href="http://www.aitechmagalur.ac.in/facilities/library.html">http://www.aitechmagalur.ac.in/facilities/library.html</a>                 | 120      | 29     | 8     | 0.07 | 42 |
| Library And Information Centre, Guru Nanak Dev Engineering College, Bidar                                      | <a href="https://gndecb.org/department/s/library.php">https://gndecb.org/department/s/library.php</a>                                       | 36       | 4      | 2     | 0.06 | 43 |
| Library And Information Centre, Kalpataru Institute Of Technology, Tiptur                                      | <a href="http://www.kittiptur.ac.in/library.html">http://www.kittiptur.ac.in/library.html</a>   | 901      | 66     | 46    | 0.05 | 44 |
| Library And Information Centre, B.N.M. Institute Of Technology, Bsk 2nd Stage, Bangalore                       | <a href="http://www.bnmit.org/library-information-centre/">http://www.bnmit.org/library-information-centre/</a>                             | 2840     | 163    | 144   | 0.05 | 44 |
| Library And Information Centre, K.N.S Institute Of Technology, Hegde Nagar, Yelahanka Hobli, Bangalore         | <a href="http://www.knsit.com/Other_Pages/Library.html">http://www.knsit.com/Other_Pages/Library.html</a>                                   | 23       | 6      | 1     | 0.04 | 45 |
| Library And Information Centre, R.V. College Of Engineering, Mysore Road, Bangalore (Autonomous)               | <a href="http://www.rvce.edu.in/library">http://www.rvce.edu.in/library</a>   | 61200    | 22600  | 2460  | 0.04 | 45 |
| Library and information centre, dr. Ambedkar institute of technology, bangalore (autonomous)                   | <a href="http://www.dr-ait.org/library/library.php">http://www.dr-ait.org/library/library.php</a>   | 592000   | 55600  | 25200 | 0.04 | 45 |
| Library And Information Centre, Global Academy Of Technology, Rajarajeshwarinagar, Bangalore                   | <a href="http://www.gat.ac.in/index.php/facilities/library">http://www.gat.ac.in/index.php/facilities/library</a>                           | 24900000 | 947000 | ##### | 0.04 | 45 |
| Library And Information Centre, Islamiyah Institute Of Technology, Bangalore                                   | <a href="http://islamiyahit.ac.in/library.html">http://islamiyahit.ac.in/library.html</a>   | 65       | 16     | 2     | 0.03 | 46 |
| Library And Information Centre, Shirdi Sai Engineering College, Anekal Bangalore (Sai Ram Engineering College) | <a href="http://sairamce.edu.in/library/">http://sairamce.edu.in/library/</a>   | 259      | 35     | 8     | 0.03 | 46 |
| Library And Information Centre, Maratha Mandals Engineering College, Vantmuri Via Kakati, Belgaum              | <a href="http://mmec.edu.in/facilities/library/">http://mmec.edu.in/facilities/library/</a>   | 3800     | 230    | 113   | 0.03 | 46 |
| Library And Information Centre, M.S.Ramaiah Institute Of Technology, Msr Nagar, Bangalore (Autonomous)         | <a href="http://www.msrit.edu/library/">www.msrit.edu/library/</a>  | 88200    | 19200  | 2330  | 0.03 | 46 |
| Library And Information Centre, Vemana Institute Of Technology, Koramanagala, Bangalore                        | <a href="http://www.vemanait.edu.in/library.html">http://www.vemanait.edu.in/library.html</a>   | 622      | 21     | 15    | 0.02 | 47 |
| Library And Information Centre, K.Venaktaramana Gowda College Of Engineering, Kurunjibhag, Sullia              | <a href="http://www.kvgengg.com/library.html">http://www.kvgengg.com/library.html</a>   | 2310     | 30     | 53    | 0.02 | 47 |
| Library And Information Centre, Bms Institute Of Technology And Management, Yelahanka, Bangalore               | <a href="https://bmsit.ac.in/library">https://bmsit.ac.in/library</a>   | 14400    | 1690   | 279   | 0.02 | 47 |
| Library And Information Centre, Acharaya Institute Of Technology, Soladevanahalli, Bangalore                   | <a href="https://sites.google.com/site/aitknowledgecentre/library-links">https://sites.google.com/site/aitknowledgecentre/library-links</a> | 91       | 6      | 1     | 0.01 | 48 |
| Library And Information Centre, Hke's Sln College Of Engineering Yermarus Camp, Raichur                        | <a href="http://slnceraichur.com/library">http://slnceraichur.com/library</a>   | 177      | 52     | 2     | 0.01 | 48 |
| Library and information centre, hms institute of technology, kythasandra, kesaramadu po.                       | <a href="http://www.hmsit.ac.in/LIBRARY.html">http://www.hmsit.ac.in/LIBRARY.html</a>   | 2090     | 32     | 18    | 0.01 | 48 |

|  |   |          |        |        |      |    |
|--|---|----------|--------|--------|------|----|
| Tumkur   |   |          |        |        |      |    |
| Library And Information Centre,Sahyadri College Of Engineering And Management, Adyar,Mangalore                                   | <a href="https://sahyadri.edu.in/Facilities/Library.html">https://sahyadri.edu.in/Facilities/Library.html</a>   | 66400    | 1940   | 977    | 0.01 | 48 |
| Library And Information Centre,Ballari Institute Of Technology And Management, Near Alipur, Bellary                              | <a href="http://www.bitm.edu.in/library.html">http://www.bitm.edu.in/library.html</a>   | 88700    | 1980   | 1020   | 0.01 | 48 |
| Library And Information Centre,Sri Krishna Institute Of Technology, Chikkabanavar, Bangalore                                     | <a href="http://skit.org.in/library.html">http://skit.org.in/library.html</a>   | 10100000 | 160000 | 56200  | 0.01 | 48 |
| Library and information centre, mangalore institute of technology and engineering,mijar,moodabidri.                              | <a href="http://www.mite.ac.in/library">http://www.mite.ac.in/library</a>   | 11900000 | 649000 | 76100  | 0.01 | 48 |
| Library And Information Centre,Amrutha Institute Of Engineering And Mgmt Sciences, Bidadi, Bangalore                             | <a href="http://www.aiems.in/facilities/library/">http://www.aiems.in/facilities/library/</a>   | 80300000 | 69000  | 784000 | 0.01 | 48 |
| Library And Information Centre,Vivekananda Institute Of Technology, Gudimavu, Kumbalagod, Bangalore                              | <a href="http://www.vitb.ac.in/libraryre_direct.php">http://www.vitb.ac.in/libraryre_direct.php</a>   | 1        | 0      | 0      | 0.00 | 49 |
| Library And Information Centre,Shridevi Institute Of Engineering And Technology, Sira Road, Tumkur-572106                        | <a href="http://shrideviengineering.org/index.php?option=com_content&amp;view=article&amp;id=187&amp;Itemid=311">http://shrideviengineering.org/index.php?option=com_content&amp;view=article&amp;id=187&amp;Itemid=311</a> | 1        | 0      | 0      | 0.00 | 49 |
| Library And Information Centre,Anjuman Engineering College For Men, Bhatkal, Nk (Anjuman Institute Of Technology And Management) | <a href="http://www.aitmb.ac.in/about-aitm/facilities?id=117">http://www.aitmb.ac.in/about-aitm/facilities?id=117</a>   | 2        | 2      | 0      | 0.00 | 49 |
| Library and information centre,s.j.c. Institute of technology,chickballapur  | <a href="http://sjcit.ac.in/lib_staff.htm">http://sjcit.ac.in/lib_staff.htm</a>   | 2        | 0      | 0      | 0.00 | 49 |
| Library And Information Centre,Sri Dharamasthala Manjunatheswara Engineering College,Dharwad(Autonomous)                         | <a href="http://210.212.198.140:8082/library/">http://210.212.198.140:8082/library/</a>   | 9        | 4      | 0      | 0.00 | 49 |
| Library And Information Centre,R.T.E.Society's Rural Engineering College,Hulkoti   | <a href="http://www.rechulkoti.edu.in/library.html">http://www.rechulkoti.edu.in/library.html</a>   | 459      | 10     | 2      | 0.00 | 49 |
| Library And Information Centre,R.N.S Institute Of Technology, Channasandra, Kengeri Road,Bangalore                               | <a href="http://www.rnsit.ac.in/library.html">http://www.rnsit.ac.in/library.html</a>   | 22100    | 116    | 57     | 0.00 | 49 |
| Library And Information Centre,Jawaharlal Nehru National College Of Engineering, Shimoga   | <a href="http://jnnce.ac.in/jnnce/library.html">http://jnnce.ac.in/jnnce/library.html</a>   | 29200    | 44     | 18     | 0.00 | 49 |
| Library And Information Centre,Bangalore Institute Of Technology,Kr Road, Bangalore  | <a href="http://bit-bangalore.edu.in/library">http://bit-bangalore.edu.in/library</a>   | 2150000  | 516000 | 5330   | 0.00 | 49 |
| Library And Information Centre, National Institute Of Engineering, Manandavadi Road,Mysore (Autonomous)                          | <a href="http://www.nie.ac.in/library/">http://www.nie.ac.in/library/</a>   | 65700000 | 711000 | 121000 | 0.00 | 49 |
| Library And Information Centre,Rajrajeshwari College Of Engineering,Mysore Road,Bangalore  | <a href="http://www.rrce.org/central-library/">http://www.rrce.org/central-library/</a>   | 85600000 | 593000 | 54800  | 0.00 | 49 |

Once again library and information centre,n.i.e institute of technology hootagalli ind area, mysore ranked 1st with (0.93) rwif, followed by library and information centre,dayananda sagar college of engineering,kumaraswamy layout, bangalore (2nd rank), library and information centre,j.s.s academy of

technical education uttarahalli, mylasandra, bangalore (3rd rank) library and information centre,maharaja institute of technology, srirangapatna, near belawadi mandya (4th rank) and library and information centre,sir m.visvesvaraya institute of technology,hunasemaranhalli,bangalore stood 5th rank with (0.81) revised web impact factor. The library and information centre,jnana vikas institute of technology, bidadi, ramangar taluk, ramangara and library and information centre,coorg institute of technology (kunda),halligatur, ponnampet shared 16th rank with (0.56) rwif and also many libraries have been shared equal ranks. 37th rank shared three libraries, library and information centre,siddaganga institute of technology,b.h.road,tumkur (autonomous), library and information centre,p.a.college of engineering,kairangala, bantwal, mangalore and library and information centre,blde's v.p.dr.p.g.halakatti college of engineering and technology,bijapur with (0.11) revised impact factor, though have more number of web pages indexed with self and in links, and four libraries shared 41st rank with (0.07) rwif i.e., library and information centre,shree devi institute of technology, airport road, kenjar, mangalore, library and information centre,sri belimatha maha sahamsthana institute of tehcnology,nelamangala , library and information centre,b.t.l.institute of technology and management, bommasandra, bangalore and library and information centre,nitte meenakshi institute of technology,gollahalli,yelahanka,bangalore (autonomous) with less number of web pages indexed with self link and in links. 8 engineering college libraries have shared 48th rank with (0.01) rwif with more number of web page indexed, library and information centre,sahyadri college of engineering and management, adyar,mangalore (66400), library and information centre,ballari institute of technology and management, near alipur, bellary (88700), library and information centre,amrutha institute of engineering and mgmt sciences, bidadi, bangalore (80300000), library and information centre,mangalore institute of technology and engineering,mijar,moodabidri. (11900000) and library and information centre,sri krishna institute of technology, chikkabanavar, bangalore with (101000000) web pages indexed and remaining 3 libraries have less number of web pages indexed finally eleven engineering college libraries are shared last rank (49th) with (0.00) revised web impact factor, library and information centre,r.t.e.society's rural engineering college,hulkoti, library and information centre,r.n.s institute of technology, channasandra, kengeri road,bangalore, library and information centre,bangalore institute of technology,kr road, bangalore (2150000), library and information centre, national institute of engineering, manandavadi road,mysore (autonomous) though having more number of web pages (65700000), library and information centre,rajrajeshwari college of engineering,mysore road,bangalor (85600000), library and information centre,jawaharlal nehru national college of engineering, shimoga, library and information centre,anjuman engineering college for men, bhatkal, nk (anjuman institute of technology and management) and library and information centre,sri dharamasthala manjunatheswara engineering college,dharwad(autonomous) followed by library and information centre,s.j.c. Institute of technology,chickballapur, library and information centre,vivekananda institute of technology, gudimavu, kumbalagod, bangalore and library and information centre,shridevi institute of engineering and technology, sira road, tumkur.

## V. CONCLUSION

Engineering colleges are providing higher education in technical courses and their Libraries are providing information needs of the user's community in the information era. Further the library website are to be more expose to the outside world, based on the present study, "Fig.1" majority of the library website have less number of web pages indexed with their links and vary in their Revised Impact Factor, only few library websites have more Web Impact Factor (WIF).

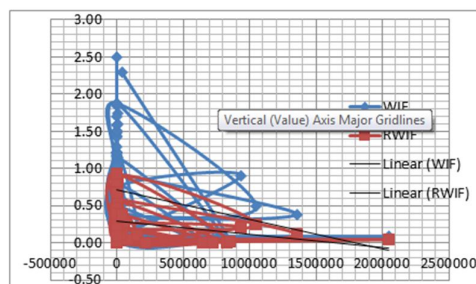


Figure 1. Scatter Chart of WIF and RWIF

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