



**Summary of Student Research Publication (2013-14 to 2017-18)**

| Sr. No.      | Academic Year | No. of Research Papers Published in |    |            |    | Total | No. of Research Papers listed in standard databases |                |                | Citations |
|--------------|---------------|-------------------------------------|----|------------|----|-------|---|----------------|----------------|-----------|
|              |               | Journal                             |    | Conference |    |       | Scopus  | Web of Science | Google Scholar |           |
|              |               | IJ                                  | NJ | IC         | NC |       |   |                |                |           |
| 1.           | 2017-18       | 22                                  | 3  | 21         | 00 | 46    | 22  | 21             | 36             | 0         |
| 2.           | 2016-17       | 38                                  | 2  | 8          | 2  | 50    | 3   | 2              | 19             | 3         |
| 3.           | 2015-16       | 37                                  | -  | 10         | 2  | 49    | 10  | 6              | 20             | 10        |
| 4.           | 2014-15       | 25                                  | 4  | 10         | 1  | 40    | 8   | 9              | 14             | 21        |
| 5.           | 2013-14       | 11                                  | 3  | 10         | 1  | 25    | 6   | 8              | 15             | 36        |
| <b>Total</b> |               | 133                                 | 12 | 59         | 6  | 210   | 49  | 46             | 104            | 70        |



Academic Year 2017-18

International Journal

| Sr. No. | Author (s)  | Complete Title of the Article          | Title of the Journal  | Volume & Issue Number | Page Nos.      | Month and Year of Publication | ISSN           | Impact Factor | Listed in Standard Databases (Y/N) |                |                | Citations |
|---------|---|--|---|-----------------------|----------------|-------------------------------|----------------|---------------|------------------------------------|----------------|----------------|-----------|
|         |   |  |   |                       |                |                               |                |               | Scopus                             | Web of Science | Google Scholar |           |
| 1.      | Prof. R. S. Ambekar ,Abhishek Tripathi ,Ashish Jha, Utkarsh Singh,    | Solar and Wind Hybrid Power Generation | International Journal for Science and Advance Research in Technology (IJSART) | Volume 4 Issue 5 –    | PP: 864-868    | May 2018                      | 2395-1052      | 4.924         | N                                  | N              | N              | 0         |
| 2.      | Prof. R. S. Ambekar, Ankit Kumar Yadav, Naman Rakesh, Saksham, Yadav, | Solar Tracking System                  | International Journal of Engineering and Techniques-                          | Volume 4 Issue 3      | pp: 146-150    | May – June 2018               | 2395-1303      | 3.546         | N                                  | N              | N              | 0         |
| 3.      | Sulabha U.Kulkarni ,Mayur Nehete                                      | Design Improvement of Premium          | International Journal of Applied Engineering                                  | Volume 13 , number 10 | PP 8596 - 8600 | 15 <sup>th</sup> May ,2018    | ISSN 0973-4562 | 0.14          | N                                  | N              | Y              | 0         |



|    |  |  |  |                      |             |             |   |       |   |   |   |   |
|----|--|--|--|----------------------|-------------|-------------|---|-------|---|---|---|---|
|    |  | Efficiency Induction Motor for higher efficiency and cost reduction                            | Research   |                      |             |             |   |       |   |   |   |   |
| 4. | Prof. Mr. Y.B. ,Mandake, Rohit Patil, Suvodeep Chakraborty | STUDY OF BREAKDOWN PHENOMENON IN SOLID INSULATORS USING SPHERE GAP AND INSULATION TESTING KITS | International Research Journal of Engineering and Technology (IRJET) | Volume: 05 Issue: 04 | 2759 - 2761 | April ,2018 | e- ISSN : 2395-0056 p- ISSN : 2395-0072 | 7.211 | N | N | Y | 0 |
| 5. | Prof Y.B Mandake ,Manan Gupta, Vismita Mitchelle,          | FACTS Based Static VAR Compensation using  | IJRASET- International Journal for Research in Applied Science and   | Volume 6, Issue 5,   | 243- 248    | May 18      | ISSN : 2321-9653                        | 6.887 | N | N | Y | 0 |



|    |   |  |   |                    |         |          |                 |       |   |   |   |   |
|----|---|--|---|--------------------|---------|----------|-----------------|-------|---|---|---|---|
|    | Alok Kumar, Nitin Singh Parihar   | Thyristor Switched Capacitor   | Engineering Technology  |                    |         |          |                 |       |   |   |   |   |
| 6. | Prof Y.B Mandake, Madhur Srivastava, Ankit Kumar, Nripendra Vikram Singh                | Reactive Power Compensation By Thyristor Switched Reactor (TSR) In SVC FACTS | IJSART- International Journal for Science and Advance Research in Technology              | Volume 6, Issue V, | 243-248 | May 2018 | ISSN :2395-1052 | 4.924 | N | N | Y | 0 |
| 7. | Dr.D.S.Bankar, Abhishek Kumar Mishra, Karan Muley, Lakshmi Gautam, Burhanuddin Sabuwala | Interfacing of stepper motor with PLC  | IJAR CET- International Journal of Advanced Research in Computer Engineering & Technology | Volume 7, Issue 5  | 525-528 | May 2018 | ISSN :2278-1323 | 5.53  | N | N | Y | 0 |



|    |   |  |   |                        |             |            |  |       |   |   |   |   |
|----|---|--|---|------------------------|-------------|------------|--|-------|---|---|---|---|
| 8. | Dr.D.S.Bankar,Prof. S.A.Namekar, Adarsh Verma,Arbaj Sayyad,Shrey Kanherkar ,Harishchandra Gore,Hars had Mahajan | Control of Induction Motor Using PLC and VFD   | IRJET- International Research Journal of Engineering and Technology | Volume: 05<br>Issue:05 | 995-997     | May-2018   | e- ISSN :2395 -0056<br>p- ISSN :2395 -0072 | 7.211 | N | N | Y | 0 |
| 9. | Prof.Deepak Bankar,Namita P.Deodhe  | Design of a grid connected PV system and effect of various parameters on energy generation | I-managers Journal on Power Systems Engineering                     | Volume: 6,<br>Issue:1  | 1-8         | Apr-2018   | ISSN :2321 -7499                           | 0.167 | N | N | Y | 0 |
| 10 | Suyog Hirve, Rohan  | Indigenou s Developm   | International Journal of Creative                                   | Volume 6, Issue 2      | 1189 - 1193 | April 2018 | ISSN : 2320-                               | 5.97  | N | N | Y | 0 |



|    |   |   |  |                         |             |                  |                            |       |   |   |   |   |
|----|---|---|--|-------------------------|-------------|------------------|----------------------------|-------|---|---|---|---|
|    | Shukla,<br>Swati<br>Mudaliar  | ent Of<br>Ball<br>Milling<br>Machine<br>To Study<br>Its Effect<br>On The<br>Capacitan<br>ce Of<br>Ultracapac<br>itors | Research<br>Thoughts<br>(IJCRT)  |                         |             |                  | 2882                       |       |   |   |   |   |
| 11 | Prof.Swap<br>nil<br>Namekar<br>,Ankita<br>Srivastav,<br>Raman<br>Pandey,<br>Samiran<br>Singh,Teja<br>nsh<br>Brighuvan<br>shi, | Basic<br>Structure<br>Of Plc  | International<br>Journal Of<br>Engineering<br>And<br>Techniques                    | Volume<br>4 Issue 3     | 169-<br>173 | May-June<br>2018 | Issn:<br>2395-<br>1303     | 3.546 | N | N | Y | 0 |
| 12 | Prof. S.A.<br>Namekar<br>,Shantanu<br>Tomar,<br>Navin<br>Kumar  | Communi<br>cation<br>With<br>Energy<br>Meter And<br>Field   | International<br>Journal For<br>Research In<br>Applied<br>Science &<br>Engineering | Volume<br>6 Issue<br>V, | 738-<br>740 | May 2018         | ISSN<br>:<br>2321-<br>9653 | 6.887 | N | N | N | 0 |



|    |  |   |  |                               |                   |                   |                            |      |   |   |   |   |
|----|--|---|--|-------------------------------|-------------------|-------------------|----------------------------|------|---|---|---|---|
|    | Singh,<br>Sabhijeet<br>Kumar<br>Sachin<br>Maan,<br>Rhishabh<br>Singh | Devices<br>Using Plc  | Technology<br>(IJRASET)  |                               |                   |                   |                            |      |   |   |   |   |
| 13 | Swapnil<br>Namekar,<br>Rutuja S.<br>Chowkule                         | Single<br>Stage<br>Controllin<br>g Of<br>BLDC<br>Motor<br>Drive By<br>Using<br>Proportion<br>al<br>Resonant<br>Controller | International<br>Journal Of<br>Applied<br>Engineering<br>Research                    | Volume<br>13,<br>Number<br>11 | 8778<br>-<br>8782 | June-July<br>2018 | ISSN<br>:<br>0973-<br>4562 | 0.14 | N | N | Y | 0 |
| 14 | Swapnil<br>Namekar,<br>Bhagyashr<br>i Patil,                         | Load Flow<br>& Short<br>Circuit<br>Analysis<br>Of<br>132/33/11<br>kv<br>Substation<br>Using<br>Etap                       | International<br>Journal Of<br>Advance<br>Engineering<br>And Research<br>Development | Volume<br>3,Issue 1           | 1-12              | Jan 2018          | ISSN<br>:<br>2348-<br>4470 | 4.14 | N | N | Y | 0 |



|    |   |   |   |                        |           |                          |                 |       |   |   |   |   |
|----|---|---|---|------------------------|-----------|--------------------------|-----------------|-------|---|---|---|---|
| 15 | Dr.R.M.Holmukhe,Saurabh Takru,Rishabh Singh,Vikas Sen,Yash Sakaria,Saurabh Sharma | Revolutionizing 3D Printer Into 4D Printer                          | International Journal of Engineering and Techniques   | Volume: 4, Issue: 3    | 101-104   | May-June 2018            | ISSN :2395-1303 | 3.546 | N | N | Y | 0 |
| 16 | Anagha Soman, Nupur Lokhande, Dr.D.G.Bharadwaj                                    | Performance analysis of 3 phase Induction motor using ANSYS MAXWELL | International Journal of Pure and Applied Mathematics | Volume: 118, Issue: 16 | 269-280   | 9 <sup>th</sup> Jan-2018 | 1314-3395       | 7.19  | Y | N | N | 0 |
| 17 | Pallavi R.Burande<br>Prof.Mrs. A.R.Soma   | Simulation of 3-phase 2-Stator Induction Motor                      | International Journal of Applied Engineering Research | Volume: 13, Issue: 11  | 9437-9441 | 2018                     | ISSN :0973-4562 | 0.14  | Y | N | N | 0 |





|    | n  | Using MATLAB Platform   | (IJAER)  |                       |         |          |                 |       |   |   |   |   |
|----|--|---|--|-----------------------|---------|----------|-----------------|-------|---|---|---|---|
| 18 | Upender, Anagha R.Soman  | Design and Implementation of PV Power Conversion By Using Modular Multilevel Converter      | IJCRT  | Volume: 6, Issue: 2   | 406-414 | Apr-2018 | ISSN :2320-2882 | 5.97  | Y | N | N | 0 |
| 19 | Anagha Soman, Manmohan Singh, Madhu Verma, Anuj Kanaujia, Sakshi Rai | Reduction of Stray Losses in Distribution Transformer using different materials of Clamping | International Research Journal of Engineering and Technology (IRJET) | Volume: 05, Issue: 05 | 1-3     | May-2018 | ISSN :2395-0056 | 6.171 | N | N | Y | 0 |
| 20 | Prof. Anagha R.Soman, Sachin Madaan, S                               | Performance Analysis of Dual Sator  | International Research Journal of Engineering and                    | Volume: 05, Issue: 05 | 1-6     | May-2018 | ISSN :2395-0056 | 6.171 | N | N | Y | 0 |



|    |   |  |   |                      |                |              |                       |       |   |   |   |   |
|----|---|--|---|----------------------|----------------|--------------|-----------------------|-------|---|---|---|---|
|    | ubh Gupta, Abhishek Singh, Virendra Yadav, Ankit Tiwari | Induction Motor  | Technology (IRJET)  |                      |                |              |                       |       |   |   |   |   |
| 21 | Nawnit Babul, Abhishek Kumar, Subhankar Saha            | Solar Cell Characteristics and Efficiency Plot                               | International Journal for Science and Advance Research in Technology (IJSART) | Volume 4 Issue 5 –   | pp: 792-795    | MAY 2018     | 2395-1052             | 4.924 | N | N | N | 0 |
| 22 | Swapnali Janrao and Prof. Mrs. Rupalee Ambekar          | Fault Diagnosis of an Induction Motor Using Motor Current Signature Analysis | International Journal of Applied Engineering Research                         | Volume 13, Number 12 | pp. 11002-1008 | 30 June 2018 | ISSN 0973-4562 (2018) | --    | N | N | Y | 0 |



### National Journal

| Sr .<br>No. | Author (s)   | Complete Title of the Article                                  | Title of the Journal | Volume & Issue Number | Page Nos . | Month and Year of Publication | ISSN                       | Impact Factor | Listed in Standard Databases (Y/N) |                |                | Citations |
|-------------|--|--|----------------------|-----------------------|------------|-------------------------------|----------------------------|---------------|------------------------------------|----------------|----------------|-----------|
|             |  |  |                      |                       |            |                               |                            |               | Scopus                             | Web of Science | Google Scholar |           |
| 1           | Pranav V. Paithankar, Datta Chavan, Dr. P B Karandikar   | Cost Reduction & Performance Improvement for Electric Vehicles | Technical Journal    | Volume No. - 41       | 45-49      | Nov-2017                      | ISBN NO. 978-81-924990-5-5 | 0             | N                                  | N              | N              | 0         |
| 2           | Chetan S, Chavan, Dr. R. M. Holmukhe, Dr. P B Karandikar | Review on Wave Energy Converter in making of smart city        | Technical Journal    | Volume No. - 41       | 55-58      | November 2017                 | ISBN NO. 978-81-924990-5-5 | 0             | N                                  | N              | N              | 0         |



|          |                               |   |   |                    |           |           |                    |   |   |   |   |   |
|----------|-------------------------------|---|---|--------------------|-----------|-----------|--------------------|---|---|---|---|---|
| <b>3</b> | Datta s Chavan, B Karandik ar | Significan ce of Vertical Wind Shear for Wing Energy Generation | TIDEE (TERI Informatio n Digest on Energy and Environme nt) | Volume:16,Iss ue:2 | 131 - 137 | June 2017 | ISSN No:097 2-6721 | 0 | N | N | N | 0 |
|----------|-------------------------------|---|---|--------------------|-----------|-----------|--------------------|---|---|---|---|---|

### International Conference

| Sr. No.  | Title of the paper   | Name of the Author(s)  | Name of the Conference   | Date  | Location  | Listed in Standard Databases (Y/N) |                |                | Citations |
|----------|--|--|--|---|---|------------------------------------|----------------|----------------|-----------|
|          |  |  |  |   |   | Scopus                             | Web of Science | Google Scholar |           |
| <b>1</b> | Challenges in transition from Internal Combustion Vehicles to Electric Vehicles in India by 2030 | Samata Parulekar, Prof. R M Holmukhe, Satish Mehta, Athul Raj, Rahul Raj, Dr. P B Karandiakr | International Conference on Energy, Communication, Data Analytics & Soft Computing-(ICECDS)-2017 | 1 & 2 August 2017                               | SKR Engineering College, Poonamalle e, Chennai, Tamil Nadu, India | N                                  | Y              | Y              | <b>0</b>  |
| <b>2</b> | Ice melting from wind turbine blades using resistive heating                                     | Datta. S. Chavan Bhupendra Singh Gadhwal   | “International Conference on Energy, Communication, Data Analytics                               | 1 <sup>st</sup> & 2 <sup>nd</sup> . August 2017 | SKR Engineering College Nazarethpe t, (1.5 Kms                    | Y                                  | Y              | Y              | <b>0</b>  |



**Bharati Vidyapeeth (Deemed to be) University**  
**College Of Engineering, Pune**  
**Department of Electrical Engineering**



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|---|--|--|---|---|---|---|---|---|---|
|   |  | Jaywant<br>Sankpal<br>Siddharth<br>Vivek Sahil<br>Anupama<br>Singh Manish<br>Kumar Dalal<br>Priyanka                                       | and Soft<br>Computing<br>(ICECDS<br>2017)".   |   | from<br>Poonamalle<br>(e),<br>Chennai -<br>600 123.<br><br>Phone :<br>+91<br>944250246<br>5 Email :<br>contact@e<br>cds.org.in  |   |   |   |   |
| 3 | Ice elimination from<br>wind turbine blade<br>using induction<br>heating | Datta. S.<br>Chavan<br>Priyanka Jayw<br>ant Sankpal<br>Siddharth<br>Rahul Yadav<br>Anupama<br>Singh<br>Himanshu<br>Shubham<br>Kumar Mishra | "International<br>Conference on<br>Energy,<br>Communication,<br>Data Analytics<br>and Soft<br>Computing<br>(ICECDS<br>2017)". | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August<br>2017 | SKR<br>Engineerin<br>g College<br><br>Nazarathpe<br>t, (1.5 Kms<br>from<br>Poonamalle<br>(e),<br>Chennai -<br>600 123.<br><br>Phone :<br>+91<br>944250246<br>5 Email :<br>contact@e<br>cds.org.in | Y | Y | Y | 0 |
| 4 | Ice removal from   | Datta. S.  | "International  | 1 <sup>st</sup> & 2                                   | SKR   | Y | Y | Y | 0 |



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|---|--|---|---|---|---|---|---|---|---|
|   | wind turbine using hot water flow through blade                      | Chavan Rajendra<br>PalJaywant<br>Sankpal<br>Siddharth<br>Vivek Sahil<br>Anupama<br>Singh<br>Priyanka<br>Bhupendra<br>Singh<br>Gadhwal     | Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)".                      | <sup>nd</sup> .<br>August<br>2017                     | Engineering College<br>Nazarathpet, (1.5 Kms from Poonamalle),<br>Chennai - 600 123.<br><br>Phone :<br>+91<br>944250246<br>5 Email :<br>contact@ecds.org.in |   |   |   |   |
| 5 | Ice extraction from wind turbine using flow of hot air through blade | Datta. S.<br>Chavan Rahul<br>Yadav<br>Jaywant<br>Sankpal<br>Siddharth<br>Shubham<br>Kumar Mishra<br>Anupama<br>Singh<br>Himanshu<br>Sapna | “ IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)". | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August<br>2017 | SKR Engineering College<br>Nazarathpet, (1.5 Kms from Poonamalle),<br>Chennai - 600 123.<br><br>Phone :<br>+91<br>944250246                                 | Y | Y | Y | 0 |



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|   |  |   |  |   | 5 Email :<br>contact@e<br>cds.org.in  |   |   |   |   |
| 6 | Wind turbine model testing using blower fan sliding mechanism to create wind shear | Datta. S.<br>Chavan Sapna<br>Jaywant<br>Sankpal Indu<br>Anupama<br>Singh Ravleen<br>Kaur<br>Manocha<br>Anamika<br>Shukla<br>Niranjana<br>Nair | “IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)”. | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August<br>2017 | SKR Engineering College<br>Nazarathpet, (1.5 Kms from Poonamalle),<br>Chennai - 600 123.<br><br>Phone :<br>+91<br>944250246<br>5 Email :<br>contact@e<br>cds.org.in | Y | Y | Y | 0 |
| 7 | Wind turbine model testing using all side fans arrangement to create turbulence    | Datta. S.<br>Chavan<br>Jasmine<br>Cheema<br>Jaywant<br>Sankpal Indu<br>Tanya<br>Anupama<br>Singh<br>Anamika                                   | “IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS         | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August<br>2017 | SKR Engineering College<br>Nazarathpet, (1.5 Kms from Poonamalle),<br>Chennai -   | Y | Y | Y | 0 |



|          |   |  |  |   |   |   |   |   |   |
|----------|---|--|--|---|---|---|---|---|---|
|          |   | Shukla Rahul Yadav   | 2017)".  |   | 600 123.<br>Phone :<br>+91<br>944250246<br>5 Email :<br>contact@e<br>cds.org.in   |   |   |   |   |
| <b>8</b> | Towers fixing mechanism to create wake effect in a laboratory wind farm model       | Datta. S. Chavan, Siddharth, Jaywant Sankpal, Sai Ram Reddy Athul Raj Anupama Singh Vishwender Bhupendra Singh Gadhwal | “IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)”. | 1 <sup>st</sup> & 2 <sup>nd</sup> . August 2017 | SKR Engineering College<br>Nazarathpett, (1.5 Kms from Poonamalle), Chennai - 600 123.<br>Phone :<br>+91<br>944250246<br>5 Email :<br>contact@e<br>cds.org.in | Y | Y | Y | 0 |
| <b>9</b> | Adjustable concentric towers to vary tower shadow effect on flicker in wind turbine | Datta. S. Chavan Sai Ram Reddy. Jaywant Sankpal  | “IEEE International Conference on Energy, Communication,   | 1 <sup>st</sup> & 2 <sup>nd</sup> . August 2017 | SKR Engineering College<br>Nazarathpett, (1.5 Kms   | Y | Y | Y | 0 |





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|----|-------------------------------------|--|---|--|---|---|---|---|---|
|    |                                     | Ravleen Kaur<br>ManochaAthul Raj<br>Anupama Singh<br>Vishwender Priyanka   | Data Analytics and Soft Computing (ICECDS 2017)".   |  | from Poonamalle), Chennai - 600 123.<br><br>Phone : +91 9442502465<br>Email : contact@ecdscds.org.in  |   |   |   |   |
| 10 | Wind turbine blade fixing mechanism | Datta. S. Chavan<br>Ravleen Kaur Manocha<br>Jaywant Sankpal<br>Jasmin Cheema<br>Sapna<br>Vishwajeeta Panda<br>Anupama Singh<br>Tanya | “IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)".<br><br>(ISBN): XPLOR E COMPLIANT - CFP17M55-ART - 978-1-5386-1887-5<br><br>SKR | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August 2017 | SKR Engineering College<br>Nazarathpet, (1.5 Kms from Poonamalle), Chennai - 600 123.<br><br>Phone : +91 9442502465<br>Email : contact@ecdscds.org.in | Y | Y | Y | 0 |



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|    |   |  | Engineering College<br>Nazarathpet,<br>(1.5 Kms from Poonamallee),<br>Chennai - 600 123.<br>Phone : +91 9442502465<br>Email : contact@ecds.org.in |  |  |   |   |   |   |
| 11 | Laboratory Test set up to study wind turbine tower models | Datta. S.<br>Chavan Tanya<br>Jaywant<br>Sankpal<br>Anupama<br>Singh Jasmin<br>Cheema<br>Ravleen Kaur<br>Manocha<br>Vishwajeeta<br>Panda<br>Anamika<br>Shukla | “IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)”.  | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August 2017 | SKR Engineering College<br>Nazarathpet, (1.5 Kms from Poonamallee),<br>Chennai - 600 123.<br>Phone : +91 9442502465<br>Email : contact@e | Y | Y | Y | 0 |



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|    |  |  |  |   | cds.org.in  |   |   |   |   |
| 12 | Laboratory model of surface roughness to test wind turbine voltage flicker | Datta. S.<br>Chavan<br>Manish<br>Kumar Dalal.<br>Jaywant<br>Sankpal<br>Siddharth<br>Athul Raj<br>Anupama<br>Singh Sai<br>Ram Reddy<br>Vishwender | “IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)”. | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August<br>2017 | SKR<br>Engineering College<br>Nazarathpet, (1.5 Kms from Poonamalle),<br>Chennai - 600 123.<br><br>Phone :<br>+91<br>9442502465<br>Email :<br>contact@e<br>cds.org.in | Y | Y | Y | 0 |
| 13 | Wind turbine model testing using point source of air to create wind shear  | Datta. S.<br>Chavan<br>Anamika<br>Shukla.Jaywant<br>Sankpal<br>Indu<br>Niranjana<br>Nair<br>Anupama<br>Singh Tanya<br>Jasmin<br>Cheema           | “IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)”. | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August<br>2017 | SKR<br>Engineering College<br>Nazarathpet, (1.5 Kms from Poonamalle),<br>Chennai - 600 123.<br><br>Phone :  | Y | Y | Y | 0 |



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|    |   |  |  |   | +91<br>944250246<br>5 Email :<br>contact@e<br>cds.org.in   |   |   |   |   |
| 14 | Use of bicycle and gear box for Testing of wind generator model | Datta. S.<br>Chavan<br>Niranjana<br>Nair Jaywant<br>Sankpal<br>Vishwajeeta<br>Panda Yuvraj<br>Singh<br>Anupama<br>Singh Vivek<br>Sahil<br>Rajendra Pal | “IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)”. | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August<br>2017 | SKR<br>Engineering College<br>Nazarathpet, (1.5 Kms from Poonamalle),<br>Chennai - 600 123.<br>Phone :<br>+91<br>944250246<br>5 Email :<br>contact@e<br>cds.org.in | Y | Y | Y | 0 |
| 15 | Testing of wind generator models using Motor drive              | Datta. S.<br>Chavan<br>Vishwajeeta<br>Panda. Jaywant<br>Sankpal<br>Himanshu<br>Rajendra Pal  | “IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing                 | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August<br>2017 | SKR<br>Engineering College<br>Nazarathpet, (1.5 Kms from Poonamalle  | Y | Y | Y | 0 |



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|    |   | Niranjana Nair<br>Anupama Singh<br>Vivek Sahil  | (ICECDS 2017)".  |  | e),<br>Chennai - 600 123.<br><br>Phone :<br>+91<br>944250246<br>5 Email :<br>contact@e<br>cds.org.in  |   |   |   |   |
| 16 | Fabrication of wind turbine from sheep wool     | Datta. S. Chavan<br>Indu<br>Jaywant Sankpal<br>Sudha<br>Swati<br>Anupama Singh<br>Himanshu<br>Rahul Raj | “IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)”. | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August 2017 | SKR Engineering College<br>Nazarathpet, (1.5 Kms from Poonamalle),<br>Chennai - 600 123.<br><br>Phone :<br>+91<br>944250246<br>5 Email :<br>contact@e<br>cds.org.in | Y | Y | Y | 0 |
| 17 | Use of Bamboo for constructing ecofriendly wind | Datta. S. Chavan<br>Sudha   | “IEEE International Conference on  | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August      | SKR Engineering College   | Y | Y | Y | 0 |



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|    | turbine                   | Jaywant Sankpal<br>Indu<br>Yuvraj Singh<br>Anupama Singh<br>Himanshu<br>Swati   | Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)".                                   | 2017   | Nazarathpet, (1.5 Kms from Poonamalle), Chennai - 600 123.<br><br>Phone : +91 9442502465<br>Email : contact@ecdscs.org.in                            |   |   |   |   |
| 18 | Tree mounted Wind turbine | Datta. S. Chavan,<br>Swati<br>Jaywant Sankpal,<br>Vishwender,<br>Yuvraj Singh,<br>Anupama Singh,<br>Himanshu<br>Sudha | "IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)". | 1 <sup>st</sup> & 2 <sup>nd</sup> .<br>August 2017 | SKR Engineering College<br>Nazarathpet, (1.5 Kms from Poonamalle), Chennai - 600 123.<br><br>Phone : +91 9442502465<br>Email : contact@ecdscs.org.in | Y | Y | Y | 0 |



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| 19 | Harmonic analysis and suppression in hybrid wind & PV solar system                               | Tripti Gupta, Swapnil Namekar   | International Conference on Electrical, Electronics, Materials and Applied Science AIP Conf. Proc. 1952 | April 2018                                   | Secunderabad, India   | N | Y | Y | 0 |
| 20 | Performance analysis of Three-phase Dual stator Induction Motor using Matlab/Simulink            | Anagha Soman, Pallavi Burande, Dr.D.S.Bankar  | International Conference on Electrical.Computers,Communication,Mechanical and Computing (EECCMC)        | 28 <sup>th</sup> & 29 <sup>th</sup> Jan 2018 | Priyadarshini Engineering College, Chettiyappanur, Vaniyambadi - 635751, Vellore District, Tamil Nadu, India. | Y | Y | Y | 0 |
| 21 | Challenges in Transition from Internal Combustion Vehicles to Electric Vehicles in India by 2030 | Samata Parulekar, Atul Raj, R.M.Holmukhe, Rahul Raj, Satish Mehta, Dr.P.B. Karandikar | International Conference on energy,Communication,Data analytics and Soft computing (ICECDS)             | 1st and 2nd Aug 2017                         | SKR engineering college, Chennai, Tamil Nadu, India   | Y | Y | Y | 0 |







Academic Year 2016-17

International Journal

| Sr. No. | Author (s)                                  | Complete Title of the Article   | Title of the Journal   | Volume & Issue Number | Page Nos.    | Month and Year of Publication | ISSN      | Impact Factor | Listed in Standard Databases (Y/N) |                |                | Citations |
|---------|---|---|--|-----------------------|--------------|-------------------------------|-----------|---------------|------------------------------------|----------------|----------------|-----------|
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| 23.     | PritiKadam,<br>R M Holmukhe, P B Karandikar | Development of Three Electrode System for Optimizing the Parameters of Hybrid Capacitor | Indian Journal of Sciences and Technology.   | Vol 9,<br>Issue 26    | PP:<br>1-7   | July-2016                     | 0974-6846 | 2.3           | N                                  | N              | Y              | 0         |
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| 25. | Anant S Chavan, D S Chavan                                    | Analysis of Wind-Hydro System Using Battery Storage in Balanced Condition | International Journal of Scientific Research in Computer Science, Engineering and Information Technology | Vol 2, Issue 1 | pp: 1-201   | Jan-Feb 2017 | 2456-3307 | -     | N | N | Y | 0 |
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| 28. | Mohd. Danish, Prashant krSingh, Mrigank Shekhar ,Mrs. S.U.Kulkarni | Automatic gate with track Switching  | International Journal of Advanced Research in computer and communication Engineering | Vol 6, issue 5, | Pp: 545-549       | May 2017    | 2278-1021      | 5.947 | N | N | N | 0 |
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| 33. | Abadh Kumar, Alok Verma, Ashok Ranjan, Prof. Swapnil Namekar     | Speed Control of 230V AC Motor using Thermistor         | International Research Journal of Engineering and Technology (IRJET)           | Vol 4, Issue 5, | Pp: 1764 - 1766 | May 2017  | 2395-0056 | 5.181 | N | N | N | 0 |



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| 37. | Niharika<br>Verma,<br>Prachilada,<br>Sushmita<br>Priya,<br>Prof. A.<br>R.<br>Soman | Electrical<br>Power<br>Generation<br>using<br>Human<br>Locomotive<br>Energy and<br>Its Analysis<br>Alternative<br>Renewable<br>Energy<br>Source | International<br>Journal of<br>Innovative<br>Research in<br>Electrical,<br>Electronics,<br>Instrumentation<br>and<br>Control<br>Engineering<br>and<br>Technology<br>(IJIREICE) | Vol5, Issue 6, | Pp<br>110-<br>114 | June 2017 | ISSN<br>2321-<br>2004 | - | N | N | Y | 0 |



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| 42. | Mr. Mukteshwar N. Patil, Prof. Rajesh M. Holmukhe, Mr. Sadashiv Munde. | Power Quality Study of Electrical Installation in Academic Institute – Case Study           | International Journal of Applied Engineering Research                                      | Volume 12, Number 11 (2017) | pp. 2868 - 2875 | May-June 2017 | 0973-4562 | Indexed in Scopus | N | N | N | 0 |
| 43. | Sagar Bhutada, Shailesh Joshi,   | Insulation Assessment of Oil Impregnated  | Indian Journal of Science and Technology   | Vol 10(21)                  | pp. 1- 6        |               |           | Web of Science    | N | N | Y | 0 |





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| 53. | 307 DattaChavan, HimanshuRana, Anupama Singh, VivekSahil, DivyaParashar, Jaywant Sankpal, ShitalGaikwad and ParashuramKandikar | Voltage flicker noise in wind turbine output                  | International Journal of Control Theory and Applications<br>ISSN : 0974-5572<br>International Science Press<br>Volume 10<br>• Number 37 • 2017 | Volume 10 | Number 37<br>Pg133-143<br>2017 | 20th and 21st April 2017 | ISSN 0974-5572 | - | N | N | Y | 0 |
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| 59. | AshrayS hrivastava, AyushChauhan, VasundharaSharma | Design of Compensator for servomechanism                                 | International Research Journal of Engineering and Technology (IRJET) | Volume 4 ,Issue 5, | Pages 2605 - 2607 | May 2017     | ISSN 2395-0056   | <b>5.181</b> | N | N | Y | 0 |





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| 1 | Abhas Singh,<br>Abhishek<br>Thakur,<br>Ashutosh<br>Kumar Prof. A.<br>R. Soman | Design of<br>Current<br>Limiting<br>Transformer                                      | Vishwakar<br>ma Journal<br>of<br>Engineering<br>Research<br>(VJER) | -                     | Page<br>s 39-<br>41 | Feb-2017           | - | - | N | N | N | 0 |
| 2 | Shripad G<br>Desai1<br>Prof. Dr. D S<br>Bankar2<br>Vishal.V.<br>Mehtre3       | Analysis<br>of short<br>circuit<br>faults in<br>DFIG<br>and<br>PMSG<br>wind<br>farms | The<br>Journal of<br>CPRI,   | Vol.<br>12, No.<br>3, | -                   | Septembe<br>r 2016 | - | - | N | Y | N | 0 |

### International Conference

| Sr.<br>No. | Title of the paper | Name of the<br>Author(s) | Name of the<br>Conference | Date  | Location | Listed in Standard<br>Databases (Y/N) |                   |                   | Citations |
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|          | Comparison of SCIG and DFIG based Wind Farm in ETAP          | D.S.Bankar <sup>1</sup><br>Shripad.G.De sai <sup>2</sup><br>Vishal.V.Meh tre <sup>3</sup>             | conference on Automatic Control and dynamic optimization Techniques (ICACDOT)   | 2016                       | 2016, International Institute of Information Technology, Pune<br>ISSN: Print 978-1-5090-2079-9 |   |   |   |          |
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| <b>3</b> | Impact of vertical wind shear on wind turbine performance    | 316Datta Chavan,<br>DivyaParashar, Anupama Singh,<br>JaywantSankpal,<br>HimanshuRana,<br>ShitalGaikwa | ICCPCT-2017 The International Conference on Circuit, Power and Computing Technologies<br>Website: <a href="http://www.iccpct.in/">http://www.iccpct.in/</a> | 20 th and 21 st April 2017 | Baselious Mathews II College of Engineering, Lake View, Muthupilkad, Sasthancotta              | N | N | Y | <b>0</b> |



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|---|--|--|--|-------------------------------------|--|---|---|---|---|
|   |  | d,<br>VivekSaahil<br>and<br>ParashuramK<br>arandikar   | ISBN 978-1-<br>5090-4967-7   |                                     | Kollam<br>district,<br>Kerala-<br>690520,<br>INDIA   |   |   |   |   |
| 4 | Research test set up<br>for wind turbine<br>models   | 326Datta<br>Chavan,<br>JaywantSankp<br>al,<br>DivyaParasha<br>r, Anupama<br>Singh,<br>VivekSaahil,<br>HimanshuRan<br>a,<br>ShitalGaikwa<br>d and<br>ParashuramK<br>arandikar | ICCPCT-2017<br>The<br>International<br>Conference on<br>Circuit, Power<br>and Computing<br>Technologies<br><br>Website:<br><a href="http://www.iccpct.in/">http://www.iccpct.in/</a><br>ISBN 978-1-<br>5090-4967-7 | 20 th<br>and 21<br>st April<br>2017 | Baselious<br>Mathews II<br>College of<br>Engineerin<br>g,<br>Lake View,<br>Muthupilak<br>kad,<br>Sasthancott<br>a<br>Kollam<br>district,<br>Kerala-<br>690520,<br>INDIA. | N | N | Y | 0 |
| 5 | Sixth order model of<br>wind turbine voltage<br>flicker considering<br>vertical wind shear | 357Datta<br>Chavan,<br>VivekSaahil,<br>HimanshuRan<br>a, Anupama<br>Singh,<br>JaywantSankp<br>al,<br>DivyaParshar,   | ICCPCT-2017<br>The<br>International<br>Conference on<br>Circuit, Power<br>and Computing<br>Technologies  | 20 th<br>and 21<br>st April<br>2017 | Baselious<br>Mathews II<br>College of<br>Engineerin<br>g,<br>Lake View,<br>Muthupilak<br>kad,<br>Sasthancott   | N | N | Y | 0 |



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| 6 | Application of wind rose for wind turbine installation  | 426Datta Chavan, SheetalGaikwad, AnupamaSingh, DivyaParashar, JaywantSankpal, HimanshuRana, VivekSaahil and ParashuramK arandikar | ICCPCT-2017 The International Conference on Circuit, Power and Computing Technologies Website:<br><a href="http://www.iccpct.in/">http://www.iccpct.in/</a><br>ISBN 978-1-5090-4967-7 | 20 th and 21 st April 2017                  | Baselious Mathews II College of Engineering, Lake View, Muthupilakad, Sasthancotta Kollam district, Kerala-690520, INDIA. | N | N | Y | 0 |
| 7 | Deicing of wind turbine blade by high frequency dielectric heating fabricating blade as a capacitor | 519 DattaChavan, Anupama Singh, DivyaParashar, ShitalGaikwa   | ICCPCT-2017 The International Conference on Circuit, Power and Computing Technologies   | 20 th and 21 st April 2017 ISBN 978-1-5090- | Baselious Mathews II College of Engineering, Lake View, Muthupilak  | N | N | Y | 0 |



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|   |   | d,<br>JaywantSankpal,<br>VivekSaahil,<br>HimanshuRana and<br>Parashuram  |  | 4967-7                               | kad,<br>Sasthancotta<br>Kollam<br>district,<br>Kerala-<br>690520,<br>INDIA. |   |   |   |   |
| 8 | <b>Analysis of Vertical Axis Wind Turbine by Using Experimental Setup</b> | <b>Shivam Mishra,<br/>Datta S. Chavan,<br/>SachinDwivedi,<br/>Athul Raj,<br/>Dr P.B. Karandikar,<br/>Dr. J.B. Sankpal,</b> | <b>ICETT - 2016<br/>IEEE International Conference on Emerging Technological Trends</b> | <b>21st and 22nd of October 2016</b> | <i>Kollam</i><br><a href="http://www.icett.in">www.icett.in</a>             | N | N | N | 0 |



### National Conference

| Sr. No. | Title of the paper   | Name of the Author(s)   | Name of the Conference   | Date           | Location  | Listed in Standard Databases (Y/N) |                |                | Citations |
|---------|--|---|--|----------------|---|------------------------------------|----------------|----------------|-----------|
|         |  |   |  |                |   | Scopus                             | Web of Science | Google Scholar |           |
| 1       | New Approach to Assess the Insulation Condition of Condenser Bushing       | SagarBhutada, P B Karandikar, Shailesh Joshi, R M Holmukhe      | 32 <sup>nd</sup> National Convention of Electrical Engineers and national seminar on “Sustainable Developments in Indian Power Sector for Next Deacde” | Nov 2016       | The Institution of Engineers, Pune Local Centre (India).                            | N                                  | N              | N              | 0         |
| 2       | Analysis of energy stored in super-capacitors through regenerative braking | Ms. SamataParul ekar, Prof. R.M. Holmukhe , Dr. P.B. Karandikar | National Conference on Power System Engineering-2017   | April-May 2017 | Sri Dharmast halaManju natheshwara College of Engineerin g and Technolog y Dharwad- | N                                  | N              | N              | 0         |



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Academic Year 2015-16

International Journal

| Sr. No. | Author (s)                       | Complete Title of the Article                                       | Title of the Journal   | Volume & Issue Number | Page Nos. | Month and Year of Publication | ISSN           | Impact Factor | Listed in Standard Databases (Y/N) |                |                | Citations |
|---------|----------------------------------|---|--|-----------------------|-----------|-------------------------------|----------------|---------------|------------------------------------|----------------|----------------|-----------|
|         |                                  |   |  |                       |           |                               |                |               | Scopus                             | Web of Science | Google Scholar |           |
| 1.      | Yogeshshimpi<br>Prof. Bankar D S | Harmonics, its mitigation and result of case study of spinning mill | International Journal of Innovative Research in Engineering and Management | Volume 2, Issue 04    | PP. 20-25 | July 2015                     | ISSN 2350-0557 | 2.838         | Y                                  | N              | N              | 0         |
| 2.      | SwapnilWankhede                  | Simulation and modeling of  | International Journal of   | Volume 2, Issue       | PP. 15-19 | July 2015                     | ISSN 2350-0557 | 2.838         | N                                  | N              | Y              | 1         |



|    |                                      |   |  |                   |             |               |                  |       |   |   |   |   |
|----|--------------------------------------|---|--|-------------------|-------------|---------------|------------------|-------|---|---|---|---|
|    | Prof. Bankar D S                     | supercapacitors energy storage system for voltage sag compensation              | Innovative Research in Engineering and Management                            | 04                |             |               |                  |       |   |   |   |   |
| 3. | Dattachavan, MukundMaha gaonkar      | Performance of dstatcom with five level inverter for harmonics mitigation       | International Journal of Engineering Sciences and Emerging Technologies,.    | Volume 8, Issue 3 | PP. 150-157 | November 2015 | ISSN: 22316 604, | -     | N | N | Y | 0 |
| 4. | Datta. S. Chavan, MukundMaha gaonkar | Power Quality Improvement Of Grid Connected Wind Energy System By Using Statcom | International Journal Of Engineering Sciences And Rsearch Technology IJESRT, | Volume 4, Issue 8 | PP. 215-221 | August 2015   | ISSN 2277-9655   | 3.785 | N | N | Y | 0 |
| 5. | SwapnilPagar, Mrs. S.U.kulkarni      | Design and development of control   | International Journal of   | Volume 3, Issue   | pp- 56- 64  | June 2015,    | ISSN 2349-4476   | -     | N | N | N | 0 |



|    |                                  |   |  |                     |                  |             |                 |   |   |   |   |   |
|----|----------------------------------|---|--|---------------------|------------------|-------------|-----------------|---|---|---|---|---|
|    |                                  | system of multiple units in captive power generation                      | Engineering Technology, Management and Applied Scie                          | 6                   |                  |             |                 |   |   |   |   |   |
| 6. | Jyoti v. Bhanse Mrs. SU.kulkarni | New approach of harmonic reduction in inverters                           | International Journal of Engineering Technology, Management and Applied Scie | Volume 3, Issue 6   | pp-188-193       | June 2015,  | ISSN 2349-4476  | - | N | N | N | 0 |
| 7. | SnehalDharme R S Ambekar         | Superconducting Fault Current Limiters for the Power System Applications. | International Journal of Engineering and Management Research.                | Vol. - 5, Issue - 4 | Page No. 227-229 | August 2015 | ISSN: 2250-0758 | - | N | N | N | 0 |





**Bharati Vidyapeeth (Deemed to be) University**  
**College Of Engineering, Pune**  
**Department of Electrical Engineering**



|     |  |  |  |                             |                     |   |  |   |   |   |   |   |
|-----|--|--|--|-----------------------------|---------------------|---|--|---|---|---|---|---|
| 8.  | D.S.Chavan,<br>Mukund.S.Maha<br>gaoonkar2  | Statcom<br>Implementati<br>on And<br>Control Of<br>Voltage<br>Source<br>Inverter To<br>Improve<br>Power Quality<br>Of Grid<br>Connected<br>Wind Energy<br>System | Internation<br>al Journal<br>of<br>Engineerin<br>g<br>Technolog<br>y and<br>Managemen<br>t (IJETM) | Volu<br>me 2,<br>Issue<br>6 | PP.<br>70-73        | Novem<br>ber-<br>Decemb<br>er:<br>2015; | ISSN:<br>2394-<br>6881                 | - | N | N | N | 0 |
| 9.  | Ms.RuchaSarda<br>r, Prof.Mrs.A R<br>Soman  | Multispeed<br>Operation of<br>Dual Stator<br>Winding<br>Induction<br>Motor   | IJSRSET<br>ISSN :<br>2395-1990<br>Online   | Volu<br>me 1<br>Issue<br>2  | PP.-<br>994-<br>999 | May-<br>June<br>2015                    | ISSN :<br>2394-<br>4099                | - | N | N | Y | 0 |
| 10. | Abhishek<br>Gupta<br>AkashAnand<br>Amar Kumar<br>Mani Ankit<br>Kumar D.S.<br>Bankar5 | Alternator<br>Protection<br>Demo Panel<br>using<br>Differential<br>Protection<br>Scheme  | Internation<br>al Journal<br>for<br>Research<br>in<br>Technologi<br>cal Studies                    | Vol.<br>3,<br>Issue<br>5,   | PP.-<br>30-32       | April<br>2016                           | ISSN<br>(online<br>):<br>2348-<br>1439 | - | N | N | N | 0 |
| 11. | Ashwini A<br>Patil, D S  | Comparative<br>Analysis of   | Internation<br>al Journal  | Vol.4<br>,                  | PP.-<br>56-63       | May-<br>2016,                           | ISSN:<br>2455-                         | - | N | N | Y | 0 |



|     |   |  |  |                    |                |           |                 |       |   |   |   |   |
|-----|---|--|--|--------------------|----------------|-----------|-----------------|-------|---|---|---|---|
|     | Cahvan  | Buck Converter and Modified Interleaved Buck Converter for Standalone Wind Energy System | of All Research Education and Scientific Methods (IJARESM )    | Issue 5,           |                |           | 6211            |       |   |   |   |   |
| 12. | PriyankaPatil<br>Mrs.S.U.Kulkarni                         | A Novel Method For Islanding Detection Of Distribution System With Distributed Generator | International Journal of Scientific and Research Publications, | Volume 6, Issue 5, | PP.- 449-452   | May 2016  | ISSN 2250-3153  | -     | N | N | N | 0 |
| 13. | Mr.Pradeepkumar S. Mahapure, Prof. A. R. Soman            | Transient Stability Improvement using FACTS Devices:                                     | International Journal of Science and Research (IJSR)           | Vol.5 , Issue 5,   | PP.- 1553-1556 | May-2016, | ISSN: 2319-7063 | 6.391 | N | N | N | 0 |
| 14. | Vishal VamanNehetre , ShripadGanpat Desai, Dr. D S Bankar | Power Comparability Analysis of DFIG and SCIG based Wind Farm                            | International Journal of Scientific Research in Science,       | Vol.2 , Issue 3,   | PP.- 535-539   | May-2016, | ISSN: 2394-4099 | -     | N | N | Y | 0 |



|     |   |  |   |                  |                |           |                 |   |   |   |   |   |
|-----|---|--|---|------------------|----------------|-----------|-----------------|---|---|---|---|---|
|     |   |  | Engineering and Technology  |                  |                |           |                 |   |   |   |   |   |
| 15. | Vishal VamanNehetre , ShripadGanpat Desai, Dr. D S Bankar | Analysis of Squirrel Cage Induction Generator based Wind Farmon ETAP | International Journal of Scientific Research in Science, Engineering and Technology | Vol.2 , Issue 3, | PP.- 530-534   | May-2016, | ISSN: 2394-4099 | - | N | N | Y | 0 |
| 16. | AnupamaKulkarni, R S Desai                                | Study of Power Quality Improvement Using UPQC                        | International Journal of Scientific Research in Science, Engineering and Technology | Vol.2 , Issue 3, | PP.- 947-950   | May-2016, | ISSN: 2394-4099 | - | N | N | N | 0 |
| 17. | Abhinav L. Purkar, Prof P D Bharadwaj                     | Enhancement of Multi Machine Power System Stability Using SSSC       | International Journal of Scientific Research in Science,                            | Vol.2 , Issue 3  | , PP.- 822-827 | May-2016, | ISSN: 2394-4099 | - | N | N | N | 0 |



|     |  |   |   |                    |              |             |                 |                 |   |   |   |   |
|-----|--|---|---|--------------------|--------------|-------------|-----------------|-----------------|---|---|---|---|
|     |  | with Power Oscillation Damping (POD) Controller   | Engineering and Technology  |                    |              |             |                 |                 |   |   |   |   |
| 18. | Ruturaj V. Shinde, Prof. P D Bharadwaj | Soft Synchronization of a Microgrid   | International Journal of Scientific Research in Science, Engineering and Technology | Vol.2 , Issue 3,   | PP.- 860-866 | May-2016,   | ISSN: 2394-4099 | -               | N | N | N | 0 |
| 19. | PradipMandake, Dr. P B Karandikar      | Effect of Separator Thickness Variation for Supercapacitor with Polyethylene Seperator Material | International Journal of Scientific Research in Science, Engineering and Technology | Vol.2 , Issue 2,   | PP.- 967-971 | April-2016, | ISSN: 2394-4099 | -               | N | N | Y | 0 |
| 20. | AnantChavan, Prof.D.S. Chavan          | Hybrid Isolated Wind-Hydro System by Using  | International Journal for Research in Applied                                       | Volume 4 Issue VI, | PP.- 300-310 | June 2016   | ISSN: 2321-9653 | IC Value: 13.98 | N | N | Y | 0 |



|     |                                    |   |   |                  |                |             |                 |                 |   |   |   |   |
|-----|------------------------------------|---|---|------------------|----------------|-------------|-----------------|-----------------|---|---|---|---|
|     |                                    | Induction Generators and Battery Storage                                | Science & Engineering Technology (IJRASET)  |                  |                |             |                 |                 |   |   |   |   |
| 21. | ShwetaMahajan, Prof. S U Kulkarni  | A review of Protection Techniques used in HVDC Transmission Line        | International Journal of Scientific Research in Science, Engineering and Technology | Vol.2 , Issue 3, | PP.- 837-841   | May-2016,   | ISSN: 2394-4099 | -               | N | N | N | 0 |
| 22. | RadhikaUrhekar, S U Kulakrni       | Study and Simulation of SOGI PLL for Single Phase Grid Connected System | International Journal of Scientific Research in Science, Engineering and Technology | Vol.2 , Issue 2  | , PP.- 741-745 | April-2016, | ISSN: 2394-4099 | -               | N | N | N | 0 |
| 23. | Nikhil Salunke, Dr. P B Karandikar | Design and Development of Furnace for Carbon to Be                      | International Journal for Research  | Vol.4 , Issue 4, | PP.- 335-338   | April-2016, | ISSN: 2321-9653 | IC Value:1 3.98 | N | N | N | 0 |



|     |  |   |  |                  |              |             |                 |                 |   |   |   |   |
|-----|--|---|--|------------------|--------------|-------------|-----------------|-----------------|---|---|---|---|
|     |  | Used In Supercapacitor  | in Applied Science and Engineering Technology                                    |                  |              |             |                 |                 |   |   |   |   |
| 24. | PradeepMandake, Dr. P B Karandikar     | Significance of Separator Thickness for Supercapacitor                                  | International Journal for Research in Applied Science and Engineering Technology | Vol.4 , Issue 2, | PP.- 214-218 | April-2016  | ISSN: 2321-9653 | IC Value:1 3.98 | N | N | N | 0 |
| 25. | Ruturaj V. Shinde, Prof. P D Bharadwaj | A review on Generator GridSynchronisation Needs Effects, Parameters and Various Methods | International Journal for Research in Applied Science and Engineering Technology | Vol.4 , Issue 4, | PP.- 715-723 | April-2016, | ISSN: 2321-9653 | IC Value:1 3.98 | N | N | N | 0 |



|     |  |   |  |                    |                        |                 |  |                |   |   |   |   |
|-----|--|---|--|--------------------|------------------------|-----------------|--|----------------|---|---|---|---|
| 26. | Abhinav L. Purkar, Prof. P D Bharadwaj                                   | Improvement of Multi-Machine Power System Stability Using SSSC            | International Journal for Research in Applied Science and Engineering Technology | Vol.4 , Issue 4,   | PP.- 416-421           | April-2016,     | ISSN: 2321-9653                            | IC Value:13.98 | N | N | N | 0 |
| 27. | AnkeetMohakud, Nitin Nagar, PriyatamBehera, Rajat Gupta and R.S. Ambekar | Speed Control of BLDC Motor by Using PWM Technique                        | Transactions on Engineering and Sciences   | Volume 4, Issue 2, | PP.- 21-23             | April-June 2016 | ISSN: 2347-1964 (Online) 2347-1875 (Print) | -              | N | N | N | 0 |
| 28. | MukundMaha gaonkar, D.S.Chavan   | PERFORMANCE OF DSTATCOM WITH FIVE LEVEL INVERTER FOR HARMONICS MITIGATION | International Journal of Engineering Sciences & Emerging Technologies,           | Volume 8, Issue 3  | , pp: 150-157 ©IJES ET | Nov., 2015.     | ISSN: 22316604                             | -              | N | N | N | 0 |



|     |   |  |   |                          |                       |                          |                                     |   |   |   |   |   |
|-----|---|--|---|--------------------------|-----------------------|--------------------------|-------------------------------------|---|---|---|---|---|
| 29. | Anup Kumar,<br>Prasanna D.<br>Bharadwaj                     | EFFECT OF<br>GRID<br>PARAMETER<br>VARIATION<br>ON THE<br>PERFORMANCE OF<br>GROUNDING<br>SYSTEM | International Journal<br>Of<br>Electrical,<br>Electronics<br>And Data<br>Communication,   | Volume-3,<br>Issue-1     | , PP.-<br>29-35       | Nov.-<br>2015            | ISSN:<br>2320-<br>2084              | - | N | N | N | 0 |
| 30. | Rutuja R.Patil <sup>1</sup> ,<br>Suyog S.Hirve <sup>2</sup> | Implementation of Carrier<br>based<br>SVPWM for<br>Grid<br>Connected PV<br>System              | International Journal<br>of<br>Advanced<br>Research<br>in<br>Electrical,<br>Electronics<br>and<br>Instrumentation<br>Engineering<br>ISSN<br>(Print) :<br>2320 –<br>3765 | Vol.<br>5,<br>Issue<br>6 | PP.-<br>4981-<br>4986 | June<br>2016             | ISSN<br>(Online):<br>2278 –<br>8875 | - | N | N | N | 0 |
| 31. | Miss. Bharti R<br>Phirke, Prof.<br>D. S. Chavan             | Transmission<br>Line Fault<br>Detection  | IOSR<br>Journal of<br>Electrical  | Volume<br>11,            | Ver.<br>IV<br>PP 07-  | (May. –<br>Jun.<br>2016) | ISSN:<br>2278-<br>1676,p            | - | N | N | Y | 0 |





|     |  |  |   |                            |               |                       |  |   |   |   |   |   |  |
|-----|--|--|---|----------------------------|---------------|-----------------------|--|---|---|---|---|---|--|
|     |  | Using Synchronizer   | and Electronics Engineering (IOSR-JEEE) e-                            | Issue 3                    | 15            |                       | -ISSN: 2320-3331                       |   |   |   |   |   |  |
| 32. | Mr. R. S. Kadam, Mr. S. S. Hirve         | Synchronization Control of A Microgrid Using Network Based Co-Ordination Control Technique | IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e- | Volume 11, Issue 3 Ver. IV | PP 94-100     | May. – Jun. 2016)     | ISSN: 2278-1676, p<br>-ISSN: 2320-3331 | - | N | N | N | 0 |  |
| 33. | Komal S. Deokar, Rajesh M. Holmukhe      | Overview of Hybrid Renewable Power Generation  | © 2016 IJSRSET Print ISSN : 2395-1990   Online                        | Volume 2   Issue 3         | PP.- 951-953  | 25 June 2016          | ISSN : 2394-4099                       | - | N | N | Y | 0 |  |
| 34. | Radhika Urhekar, Prof. Mrs. S.U.Kulkarni | Comparative Study of PLL Based Grid Synchronization Algorithms for Single Phase System     | IJCTA, x, International Science Press                                 | -                          | pp. 4469-4477 | <b>9 october 2016</b> | -                                      | - | Y | N | N | 0 |  |
| 35. | Shweta Shrikant Mahajan, Prof. Mrs.      | Study and Simulation for Protection of   | IJCTA, International Science  | -                          | pp. 4453-4460 | 9(10), 2016           | -                                      | - | N | N | N | 0 |  |



|     | S.U.Kulkarni   | HVDC Line   | Press   |   |   |   |   |   |   |   |   |   |
|-----|--|---|---|---|---|---|---|---|---|---|---|---|
| 36. | Haripriya H. Kulkarni, D.G. Bharadwaj, Dipti B. Yeolekar and Sheetal B. Mhetre | A Real-Time Intelligent Microcontroller-Based Harmonic Computing with Smart Phone Connectivity                                | © Springer India 2016 Artificial Intelligence and Evolutionary Computations in Engineering Systems, Advances in Intelligent Systems and Computing 394, DOI 10.1007/978-81-322-2656-7_42 | - | - | - | - | - | N | N | Y | 0 |
| 37. | Vidula S. Jape and D.G. Bharadwaj  | A New Approach to Object-Oriented Programming Language for Remote Power Quality Monitoring and Analysis Considering Harmonics | © Springer India 2016 Artificial Intelligence and Evolutionary Computations in Engineering Systems, Advances in Intelligent Systems and Computing 394, DOI 10.1007/978-81-322-2656-7_29 | - | - | - | - | - | N | N | N | 0 |



### International Conference

| Sr. No. | Title of the paper  | Name of the Author(s)  | Name of the Conference  | Date                       | Location   | Listed in Standard Databases (Y/N) |                |                | Citations |
|---------|---|--|---|----------------------------|--|------------------------------------|----------------|----------------|-----------|
|         |   |  |   |                            |  | Scopus                             | Web of Science | Google Scholar |           |
| 1       | Analysis of voltage flickers using laboratory test set up | Athul Raj,<br>DattaChavan,<br>RishabhKatoc<br>h,<br>Nawal Singh,<br>Tutu Singh<br>ParashuramK<br>arandikar | PESTSE-2016<br>Biennial<br>International<br>Conference on<br>Power And<br>Energy Systems:<br>Towards<br>Sustainable<br>Energy - 2016.<br>Phone: +91-80-<br>25183700<br>(Ext:410,413,40<br>3,409)<br>Fax: +91-80-<br>28440092<br>Mobile No.:<br>+91-<br>9980005071<br>Email:<br>pestse2016@blr.<br>amrita.edu,<br>pestse2016@gm<br>ail.com | January<br>21-23,<br>2016. | conceptuali<br>zed and<br>organized<br>by Amrita<br>School of<br>Engineerin<br>g,<br>Bengaluru<br><br>Amrita<br>School of<br>Engineerin<br>g,<br>#26 and27,<br>Kasavanah<br>alli,<br>Carmelara<br>m P.O.,<br>Bengaluru,<br>India<br>Pin:<br>560035 | Y                                  | Y              | Y              | 0         |



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|---|--|--|--|---------------------------------|---------------------------|---|---|---|---|
| 2 | Generating And Saving Energy By Installing Wind Turbines Along The Railway Tracks. | Avinashkumar<br>Datta. S. Chavan<br>P. B. Karandikar                   | ICESA - 2015 IEEE International Conference on Energy Systems and Application   | 30 October to 01 November 2015, | DYPIET Pimpri, Pune India | Y | Y | N | 0 |
| 3 | Prediction Of Power Yield From Wind Turbines For Hilly Sites                       | Datta. S. Chavan<br>P. B. Karandikar                                   | IEEE International Future Energy Electronics Conference (IEEE IFEEC 2015) will be held   | November 1-4, 2015.             | Taipei, Taiwan            | Y | Y | Y | 0 |
| 4 | A Novel Neem based Supercapacitor and its Modeling using Artificial Neural Network | Seema Mathew<br>Datta. S. Chavan<br>Gaurav Shekhar<br>P. B. Karandikar | IEEE International Conference on Power and Advanced Control Engineering ICPACE 2015 Print ISBN 978-1-4799-8370-4, pp. 216-220 Publisher – IEEE | 12-14 August 2015               | Karnataka Bengaluru       | Y | N | Y | 8 |



|   |   |   |   |      |                            |   |   |   |   |
|---|---|---|---|------|----------------------------|---|---|---|---|
| 5 | Output Voltage Control Scheme for Standalone Wind Energy System                                 | AshwiniPatil<br>Datta S<br>Chavan   | IEEE Sponsored Fifth International Conference On Computation Of Power, Energy, Information And Communication ICCPEIC 2016 | 2016 | Melmaruva thur,<br>Chennai | Y | Y | Y | 0 |
| 6 | Study of output parameters of horizontal axis wind turbibne using experimental test set up      | Athul Raj,<br>DattaChavan,<br>R.B. Gurav,<br>P. B.<br>Karandikar,<br>AkashSaha          | IEEE Sponsored Fifth International Conference On Computation Of Power, Energy,Informat ion And Communication ICCPEIC 2016 | 2016 | Melmaruva thur,<br>Chennai | Y | Y | Y | 0 |
| 7 | Laboratory set up for the study of the effect of vertical shear on horizontal axis wind turbine | Rajesh Giri,<br>Datta S<br>Chavan,<br>Puneet Singh,<br>Athul Raj,<br>P.B.<br>Karandikar | IEEE Sponsored Fifth International Conference On Computation Of Power, Energy,Informat ion And Communication ICCPEIC 2016 | 2016 | Melmaruva thur,<br>Chennai | Y | N | Y | 0 |
| 8 | Space Vector Pulse  | SSH   |   |      |                            | Y | N | N | 0 |



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|----|---|---|---|-------------------|---|---|---|---|---|
|    | Width Modulated Inverter for Grid Coupled Photovoltaic System at the Distribution Level |   |   |                   |   |   |   |   |   |
| 9  | Harmonic Analysis and Mitigation in Wind Power Plants                                   | Dr. D S Bankar, Professor.<br>Shripad Desai M.Tech Scholar,<br>Vishal Mehetre, M.Tech Scholar | 2016 Conference on Advances in Signal Processing  | June 9-11, 2016.  | Cummins College of Engineering for Women, Pune. | Y | Y | Y | 1 |
| 10 | Output Voltage Control Scheme for Standalone Wind Energy System                         | AshwiniPatil M.Tech Scholar<br>Datta S Chavan, Asso. Prof.                                    | IEEE Sponsored Fifth International Conference On Computation Of Power, Energy, Information And Communication ICCPEIC 2016 | 20, 21 April 2016 | Melmaruvar, Chennai                             | N | N | Y | 0 |



### National Conference

| Sr. No. | Title of the paper   | Name of the Author(s)                | Name of the Conference   | Date                 | Location  | Listed in Standard Databases (Y/N) |                |                | Citations |
|---------|--|--------------------------------------|--|----------------------|---|------------------------------------|----------------|----------------|-----------|
|         |  |                                      |  |                      |   | Scopus                             | Web of Science | Google Scholar |           |
| 1       | EFFECT OF GRID PARAMETER VARIATION ON THE PERFORMANCE OF GROUNDING SYSTEM<br>International Journal of Electrical, Electronics and Data Communication (IJEEDC)<br>Paper ID: NC- | Anup Kumar,<br>Prasanna D. Bharadwaj | IRAJ Research Forum<br><br>National Conference on Recent Innovations in Science Engineering and Technology<br><br>(NCRASET – 2015) | 20th September, 2015 | Hotel Madhav International<br>6A, Ramabai Ambedkar Road,<br>Next to Sohrab Hall,<br>Behind Pune Railway | N                                  | N              | N              | 0         |



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|---|---|--|--|-------------------|--|---|---|---|---|
|   | RISETPUNE-20095-49<br>Impact Factor 1.5               |  |  |                   | Station, Tadiwala Rd, Sangamvadi, Pune, Maharashtra 411001 |   |   |   |   |
| 2 | A Review of Merit of FACTS Controller in Power System | Mr. RishabhVerm a, Mr. ChinmayRoze kar, Mr. AmritSrivasta va | Inspire Innovations and Emerging Trends in Electronics and Telecommunication and Electrical Engineering, IIET-2016 | 10-11 March 2016. | Jayawantra oSawant College of Engineerin g, Hadapsar, Pune | N | N | N | 0 |

**Academic Year 2014-15**

**International Journal**

| Sr. No. | Author (s)        | Complete Title of the Article | Title of the Journal              | Volume & Issue Number | Page Nos.  | Month and Year of Publication | ISSN         | Impact Factor | Listed in Standard Databases (Y/N) |                |                | Citations |
|---------|-------------------|-------------------------------|-----------------------------------|-----------------------|------------|-------------------------------|--------------|---------------|------------------------------------|----------------|----------------|-----------|
|         |                   |                               |                                   |                       |            |                               |              |               | Scopus                             | Web of Science | Google Scholar |           |
| 1.      | P V Jalamkar D.S. | Urine Pollution control and   | International Journal of Enhanced | Vol. 03 Issue         | PP 276-279 | August 2014                   | ISSN : 2319- | 1.252         | N                                  | N              | N              | 0         |





|    |  |   |   |                   |                    |                 |                    |       |   |   |   |   |
|----|--|---|---|-------------------|--------------------|-----------------|--------------------|-------|---|---|---|---|
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| 3. | Krishnat R. Dubal, dattatray S. Chavan | Maximum Power Point Tracking System for Wind Generator Using MATLAB                       | International Journal of Engineering and Computer Science; e-   | Vol. 4 - Issue 1  | pp. 1004 3- 1005 0 | January 2015    | ISSN : 2319-7242   | 3.093 | N | N | Y | 0 |
| 4. | Data chavan, Mukund Mahagao nkar       | An Overview of Wind Power Generation  | Novateur publications International journal of innovations in   | Volume 1, issue 1 | pp 1-9             | November - 2014 | ISSN No.2 394-3696 | 1.0   | N | N | Y | 0 |



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| 5. | Dattachavan, Dubalkrishnat           | Hill climbs searching method for wind generator of Maximum power point tracking system             | International Journal of Advanced Engineering Research and Technology (IAERT) | Vol. 2, Issue 7,   | pp.2 57-264   | October 2014   | ISSN No.: 2348 – 8190 | -     | N | N | Y | 2 |
| 6. | Mohammad Ali Adelian, Rahul S. Desai | Using Wavelet for Finding Fault Place and Neural Network for Types of faults in Transmission Lines | International Journal of Engineering Research and General Science.            | Volume 2, Issue 4  | , PP:3 26-337 | June-July 2014 | ISSN 2091-2730        | 3.843 | N | N | N | 0 |
| 7. | Ravishekar S. Hasabnis, Rahul S.     | Simulation of an Electrical Power  | International Journal of Research Studies in                                  | Volume 2, Issue 4, | PP: 38-43     | April 2015     | ISSN 2349-4751        | 1.063 | N | N | N | 0 |



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| 10 | Devesh Raj Saxena AnaghaSoman     | simulation of LCL filter for shunt active power filter in single phase power line using Matlab. | International journal of innovative research in technology.  | VOL. 2            |               | 01/06/2015   | ISSN :- 2349-6002 | ----- | N | N | Y | 0 |



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| 11 | Prof.SuyogHirve, Rohan.D. Shukla, and Dr.P.B.K arandikar | “Developm ent of Indigenous Ball Mill Machine and its Effect on Capacitanc e of Ultra capacitors | International Journal of Innovative and Emerging Research in Engineering,         | Vol. 2, Issue 4,    | PP.- 154-157   | 2015       | ISSN : 2394 – 3343 | - | N | N | N | 0 |
| 12 | Anup Kumar, Prasanna D. Bharadw aj, Sanjai Kumar Yadav   | Grounding System Design for a Small Hydropowe r Station  | International Journal of Emerging Engineering Research and Technology (IJEERT)    | Volu me 3, Issue 4, | PP 22-29       | April 2015 | ISSN : 2349-4395   | - | N | N | N | 0 |
| 13 | Madhuri S. Bhalgat, Prof. P. D. Bharadw aj               | Fault Location Based on Travelling Wave Principle  | International Journal of Innovative and Emerging Research in Engineering (IJIERE) | Volu me 2, Issue 4  | PP.- 135 - 138 | April 2015 | ISSN : 2394 – 3343 | - | N | N | N | 0 |
| 14 | MazinIzz eldinMoh amme, P. D.                            | Automatio n of Laboratory Ball Mill  | International Journal of Innovative and Emerging                                  | Volu me 2, Issue    | PP.- 12-14     | April 2015 | ISSN : 2394 –      | - | N | N | N | 0 |



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|    | Bharadwaj, S.S.More  | Machine   | Research in Engineering (IJERE)                                   | 5                        |                           |                    | 3343                  |       |   |   |   |   |
| 15 | AmrutaJamdade<br>Prof.<br>Mrs. S S More                                | Power Quality Events and Protection at Designing of Power Supply Board.                                       | International Journal of Science and Research (IJSR)              | Vol.3<br>Issue<br>7      | PP.-<br>1786<br>-<br>1790 | July 2014          | ISSN<br>2319-<br>7064 | 3.358 | N | N | N | 0 |
| 16 | AnasAbdulqaderkhalaf, Prof<br>P.D.<br>Bharadwaj<br>Assistant professor | Enhanced Fault RIDE-THROUGH Technique for PMSG Wind Turbine Systems Using DC Link Based Rotor-Side Controlled | International Journal of Engineering Research and General Science | Volume 2,<br>Issue<br>4, | PP.-<br>541-<br>548       | June-July,<br>2014 | ISSN<br>2091-<br>2730 | -     | N | N | N | 0 |
| 17 | Satyen Kumar,  | Stability Concern of  | International Journal of  | Volume 2,                | PP.-<br>107-              | 2015               | ISSN:<br>2394<br>-    | -     | N | N | N | 0 |



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|    | Swati Shirish More, GauravSh ekhar  | Large Power Projects in India   | Innovative and Emerging Research in Engineering                                  | Issue 4            | 110                  |            | 3343               |   |   |   |   |   |
| 18 | Ms. Rani Choudhary 1<br>Prof.Mrs. S.S.More 2  | Effective Approach for Cost Saving Operation in a Water Pumping Station – A Case Study. | International Journal of Engineering Technology, Management and Applied Sciences | Volume 3, Issue 5, | PP.- 129-136         | May 2015,  | ISSN 2349-4476     | - | N | N | N | 0 |
| 19 | Ashish K. Zanje <sup>1</sup> ,<br>Prof. Swati S.More <sup>2</sup>                       | Arc Flash Hazard: An Overview and It's Calculation Methods                              | International Journal of Engineering and Management Research                     | Volume-5, Issue-2  | Page Number: 758-761 | April-2015 | ISSN 2250-0758,    | - | N | N | N | 0 |
| 20 | Swati Mudaliar <sup>a</sup> ,<br>Anagha.R .Soman <sup>b</sup><br>and Dr.P.B.K arandikar | Generation, Storage and Analysis of Electrical Energy using Pedal Power                 | International Journal of Innovative and Emerging Research in Engineering         | Volume 2, Issue 4, | PP.- 145-148         | 2015       | ISSN : 2394 - 3343 | - | N | N | N | 0 |



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| 21 | Saurabh H. Thakare <sup>1</sup> , Rahul s. Desai <sup>2</sup> | Control techniques of high step up converter for photovoltaic system  | International journal of innovative research in electrical, electronics, instrumentation and control engineering | Vol. 3, Issue 5,  | PP.- 68-70 | May 2015 | ISSN 2321-2004 | -- | N | N | N | 0 |
| 22 | Mr. Jeevan J. I namdar<br>Mr. Rahul S. Desai                  | P-Q theory based design of Unified Power Quality Conditioner for tranquillization of voltage and current unbalance under Non Linear Load condition. | International journal of innovations in engineering research and technology [ijiert]                             | Volume 1, Issue 1 | PP.- 1-6   | Nov-2014 | --             | -  | N | N | N | 0 |



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| 23 | Gaurav Shekhar1, P.B. Karandikar2, Mukesh Rai3 | Investigation of Carbon Material Derived From Leaves of Tree for the Electrodes of Super capacitor | International Journal of Emerging Engineering Research and Technology            | Volume 2, Issue 6, | PP 127-131   | September 2014 | ISSN 2349-4409 | - | N | Y | Y | 2 |
| 24 | Swapnil S. Pagar Prof. Mrs. S. U. Kulkarni     | Design and Development of Control System for Multiple Units in Captive Power Generation            | International Journal of Engineering Technology, Management and Applied Sciences | Volume 3, Issue 6  | PP.- 56-64   | June 2015,     | ISSN 2349-4476 | - | N | N | N | 0 |
| 25 | Jyoti. V. Bhanse Prof. Mrs. S.U.Kulkarni       | New Approach for Harmonics Reduction in Inverters  | International Journal of Engineering Technology, Management and Applied Sciences | Volume 3, Issue 6  | PP.- 188-193 | June 2015      | ISSN 2349-4476 | - | N | N | y | - |





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|---------|---|--|----------------------|-----------------------|------------|-------------------------------|------|---------------|------------------------------------|----------------|----------------|-----------|
|         |   |  |                      |                       |            |                               |      |               | Scopus                             | Web of Science | Google Scholar |           |
| 1       | D.S. Bankar,<br>Dr. D.B. Talange,               | Reference Frame Analysis and Modeling Techniques of Doubly Fed Induction Generator | Electrical India     | Vol 54 No. 7          | pp 36-54   | July 2014,                    | -    | -             | N                                  | N              | Y              | 0         |
| 2       | Yogesh B. Mandake,<br>Mr. Prasanna D. Bharadwaj | Underground Cable Fault Locator System   | IEEMA Journal        |                       | Page 62-64 | August 2014                   | -    | -             | N                                  | N              | N              | 0         |
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|   | Prasanna D. Bharadwaj                                     | Distribution Network          |               |                  |            |            |   |                |   |   |   |   |
| 4 | Mr. N P Mahulkar<br>Dr. P B Karandikar<br>Mrs. Swati More | New Trends In SUPERCAPACITORS | Ieema Journal | Vol. 5, Issue 10 | PP.- 52-56 | June. 2014 | - | ISSN 0970-2946 | N | N | N | 0 |

**International Conference**

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|         |  |                               |   |                            |           | Scopus                             | Web of Science | Google Scholar |           |
| 1       | Enhancement of Low voltage ride through capability of DFIG used in Wind Power Applications | D.S. Bankar, Dr. D.B. Talange | IEEE International Conference on Industrial Instrumentation and Control (ICIC 2015)<br>ISBN-IEEE: 978-1-4799-7165-7 Catalog No-IEEE: CFP15ZBA-ART<br>Page(s): 289 - 293<br>INSPEC | 28 <sup>th</sup> May, 2015 | Pune COEP | Y                                  | Y              | Y              | 0         |



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| 2 | Transient analysis of grid connected Doubly-fed induction generator                      | D.S. Bankar,<br>Dr. D.B. Talange     | IEEE International Conference on Industrial Instrumentation and Control (ICIC 2015)<br>ISBN-IEEE: 978-1-4799-7165-7<br>Catalog No-IEEE: CFP15ZBA-ART<br>Publication Year: 2015,<br>Page(s):1278 - 1283 | 28 <sup>th</sup> May, 2015 | Pune COEP  | Y | Y | Y | 3 |
| 3 | Cosine Model Of Flicker Due to Vertical Wind Shear in a Wind Turbine Sited on a Building | Datta. S. Chavan<br>P. B. Karandikar | The 4th Climate Change Technology Conference (CCTC 2015)   | 25-27 May 2015             | Hotel Omni Mont-Royal in the city of Montreal, Canada. | N | N | Y | 0 |
| 4 | Computation Of Flicker Due To Vertical Wind Shear in a Wind Turbine                      | Datta. S. Chavan<br>P. B.            | The 4th Climate Change Technology Conference   | 25-27 May 2015             | Hotel Omni Mont-Royal in the city of                   | Y | Y | Y | 5 |



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|   | Mounted on a Hill With Cosine Approach  | Karandikar .                | (CCTC 2015)   |                      | Montreal, Canada.                |   |   |   |   |
| 5 | Assessment of Flicker Due to Vertical Wind Shear in a Wind Turbine Mounted on a Hill with Linear Approach | D S Chavan, P.B Karandikar, | IEEE, Fourth International Conference on Artificial Intelligence and Applications in Engineering and Technology ICAIET2014 IEEE Conference record number #34470 3 – 5 December 2014 pp. 259-263 Print ISBN 978-1-4799-7910-3 Publisher - IEEE | 3 – 5 Decem ber 2014 | Kota Kinabalu, Sabah (Malaysia)  | Y | Y | Y | 1 |
| 7 | Linear Model of Flicker Due to Vertical Wind Shear in a Wind a Turbine Mounted on a Green Building        | D S Chavan, P.B Karandikar, | IEEE Fourth International Conference on Artificial Intelligence and Applications in   | 3 – 5 Decem ber 2014 | Kota Kinabalu, Sabah (Malaysia), | Y | Y | Y | 6 |



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|---|--|--|---|-----------------|--|---|---|---|---|
|   |  |  | Engineering and Technology<br>ICAIET2014<br>IEEE<br>Conference<br>record number<br>#34470<br>3 – 5 December<br>2014<br>pp. 253-258<br>Print ISBN 978-1-4799-7910-3<br>Publisher -<br>IEEE |                 |  |   |   |   |   |
|   | Transient analysis of grid connected Doubly fed induction generator  | Prof. S.S. Hirve, Prof. D. S. Bankar, A. J. Wadgaonkar, Dr. D. B. Talange      | 2015 International Conference on Industrial Instrumentation and Control (ICIC)  | May 28-30, 2015 | 978-1-4799-7165-0 ©2015 IEEE   | Y | Y | N | 2 |
| 8 | Enhancement of Low voltage ride through capability of DFIG used in Wind Power Applications<br><br>ISBN-Proceedings: 978-1-4799-7165-7/15/\$31.00 ©2015 | A. J. Wadgaonkar, Prof. D. S. Bankar, Prof. P. D. Bharadwaj, Dr. D. B. Talange | 2015 International Conference on Industrial Instrumentation and Control (ICIC), College of Engineering  | May 28-30, 2015 | College of Engineering, Pune (COEP), Wellesely Road, Shivaji Nagar, Pune - | N | Y | N | 0 |



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|    | IEEE Conference Record #34660   |   | Pune, India   |                  | 411005 (MH), India                                      |   |   |   |   |
| 9  | Assessment of Supercapacitor Based on Carbon Material Synthesized from Neem Tree Leaves | 1Gaurav Shekhar,<br>2Ashutosh Phatak,<br>3Mukesh Rai and<br>4Parashuram BalwantKaran dikar  | 2015 IEEE INTERNATIONAL CONFERENCE ON ELECTRICAL, COMPUTER AND COMMUNICATION TECHNOLOGIES | 05-07 March 2015 | SVS College of Engineering Coimbatore, Tamilnadu, India | Y | N | N | 0 |
| 10 | Studying the Impact of metal Oxide in the development of Hybrid Capacitor               | 1Gaurav Shekhar,<br>2Niraj P Mahulkar,<br>3Mukesh Rai and<br>4Parashuram BalwantKaran dikar | 2 <sup>nd</sup> International conference on Electronics and Communication Systems.        | 26-27 Feb. 2015  | Karpagam, College of Engineering, Coimbatore            | Y | Y | N | 0 |

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| 1   | Synthesis of Carbon from neem tree leaves as an electrode for supercapacitor | GauravShekhar, P B Karandikar, AshutoshPathak | National Conference on Ancient Science and Technolog: Retrospection and Aspirations (ASTRA 2015) | 10, 11/01/2015 | Fergusson College, Pune. | N               | N              | Y              | 0 |

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International Journal

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| 1 | Prof. D S Bankar<br>Miss. SnehaPatil | Enhancement of Fault Ride through of DFIG based wind Energy Conversion System with the Application of SMES | International Journal of Emerging Technology and Advanced Engineering<br>ISSN 2250-2459, | Volume 4 Issue5    | PP.- 447-454 | May 2014      | - | -     | N      | N              | Y              | 1 |
| 2 | Kalpana Patel,<br>S.U.Kulkarni       | Energy Audit of an Industrial Unit- A Case Study   | International Journal of Emerging Science and Engineering (IJESE)<br>ISSN: 2319-6378     | Volume-2, Issue-1, | PP-22-26     | November 2013 | - | 1.19  | N      | N              | N              | 0 |
| 3 | Dattachavan,<br>Dubalkrishnat        | Maximum Power Point Tracking Using Hill Climb Searching Method for   | International journal of advanced information science and technology (IJAIST )           | Vol. 26 No. 2      | PP.- 65-75   | June 2014     | - | 3.564 | N      | N              | Y              | 0 |





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| 4 | DattaChavan, DeepaPatil                                 | Modelling of Dynamic Voltage Restorer for Mitigation of Voltage Sag and Swell Using Phase Locked Loop | International Journal of Science and Research (IJSR) <a href="http://www.ijsr.net">http://www.ijsr.net</a> | Volume 3 Issue 6 June 2014, | PP.- 2137 - 2143 | June 2014  | - | 3.358 | N | N | Y | 0 |
| 5 | DattaChavan, DeepaPatil                                 | Review of Control Techniques for Dynamic Voltage Restorer   | International Journal of Science and Research (IJSR) <a href="http://www.ijsr.net">http://www.ijsr.net</a> | Volume 3 Issue 6 June 2014, | PP. 2175 - 2177  | June 2014  | - | 3.358 | N | N | Y | 0 |
| 6 | D S Chavan, V.L. Koakate, P.B Karandikar, NirajMahulkar | Study of Measurement and Control Aspects of Wind Tunnel   | International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control       | Volume 2, Issue 3,          | PP.- 1291 - 1294 | MARCH 2014 | - | 1.112 | N | N | Y | 1 |



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| 7 | AnasAbdulq<br>aderKhalaf ,<br>Prof. P. D.<br>Bharadwaj | FAULT<br>STABILIT<br>Y<br>ANALYSIS<br>OF PMSG<br>BASED<br>WIND<br>TURBINES<br>THROUGH<br>ENHANCE<br>D<br>CONTROL<br>STRATEG<br>Y   | International<br>Journal of<br>Electrical<br>Engineering<br>and<br>Technology<br>(IJEET)<br>ISSN 0976 –<br>6545(Print)<br>ISSN 0976 –<br>6553(Online) | Volume<br>5, Issue<br>6 | pp.<br>35-<br>43    | June (2014)        | - | Journal<br>Impact<br>Factor<br>(2014):<br>6.8310 | N | N | Y | 0 |
| 8 | AnasAbdulq<br>aderkhalaf,<br>Prof P.D.<br>Bharadwaj    | Enchanced<br>Fault RIDE-<br>THROUGH<br>Technique<br>for PMSG<br>Wind<br>Turbine<br>Systems<br>Using DC<br>Link Based<br>Rotor-Side | International<br>Journal of<br>Engineering<br>Research and<br>General<br>Science<br>ISSN 2091-<br>2730  | Volume<br>2, Issue<br>4 | PP.-<br>541-<br>548 | June-July,<br>2014 |   |  | N | N | N | 0 |



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| 9 | Mrs. R. D. Hartalkar, AnaghaSom an | Modelling and simulation of Multilevel Inverter Based STATCOM for compensation of reactive power | International Journal of Inventions in Computer Science and Engineering ISSN (Online): 2348 –3539, ISSN (Print): 2348 –3431 | Volume 1 Issue 6 2014  | PP.- 1-3 | 01/06/2014   | -  | --- | N | N | Y | 0 |
| 1 | Anil Tilekar AnaghaSom an          | " Smooth starting for L.T/ H.T 3 Phase IM using HFSR starter method for Pumping application"     | International journal on innovative research in Electrical, Electronics , Instrumentation and control Engineering           | Vol.2, Issue 6         |          | 01/06/2014   | -- | --- | N | N | Y | 0 |
| 1 | J. D. Wagule S. U. Kulkarni        | Power Upgradation in Transmission line By  | International Journal of Engineering and Extended Technology  | Vol.2, Issue 10 PP.-1- | 7        | October-2013 | -  | -   | N | N | N | 0 |



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|  |  | Simultaneous AC-DC Transmission | Research (IJEETR) ISSN 2322 – 0163 |  |  |  |  |  |  |  |  |  |  |
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| 1       | D.S. Bankar, Dr. D.B. Talange, | Low Voltage Ride Through Capability Improvement Of DFIG Using Feed Forward Current Regulator | The Journal of CPRI  | Vol. 9, No. 2         | pp. 231–240  | June 2013                     | -    | -             | N                                  | Y              | Y              | 0         |
| 2       | D.S. Bankar, Dr. D.B. Talange, | Unified Power Quality Conditioner - A Tool for Power Quality Improvement                     | IEEMA Journal        | Volume 05, Issue No 5 | pp 170 - 178 | January 2014                  | -    | -             | N                                  | N              | Y              | 0         |



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|   |  | of Wind Energy Conversion System |                  |               |            |              |   |   |   |   |   |   |
| 3 | Datta. S. Chavan 1<br>V.L.Kokate,<br>P. B. Karandikar3 | Wind tunnel R and D need         | Electrical India | vol. 54, no.1 | pp.104-109 | January 2014 | - | - | N | N | Y | 0 |

**International Conference**

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|         |   |  |   |                    |                    | Scopus                             | Web of Science | Google Scholar |           |
| 1       | Low Voltage Ride through Capability Improvement of DFIG using Feed Forward Current Regulator          | D.S. Bankar, Dr. D.B. Talange  | 2 <sup>nd</sup> International conference on Advances in Computer Science and Engineering          | July 1-2, 2013,    | Los Angeles,       | N                                  | N              | N              | 0         |
| 2       | Computation of Flicker Due to Vertical Wind Shear in a Wind Turbine Sited on a Hill Using Wind Tunnel | Datta. S. Chavan, Aditi Rana Mahal Raj Singh, . Dr. P.B.Karandikar, Dr. S.S. Deo | IEEE 8th International Power Engineering and Optimization Conference PEOCO2014, 24-25 March, 2014 | 24, 25 March 2014. | Langkawi, Malaysia | N                                  | Y              | Y              | 2         |



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|   |  |   | Print ISBN 978-1-4799-2421-9<br>Pages -231-236<br>Publisher-IEEE  |                    |   |   |   |   |   |
| 3 | Modeling of Flicker in Wind Turbine on a Green Building Due to Vertical Wind Shear"                                  | Datta. S. Chavan, AditiRana Mahal Raj Singh, Dr. P.B.Karandikar, Dr. S.S. Deo | IEEE 8th International Power Engineering and Optimization Conference PEOCO2014, 24-25 March, 2014<br>Print ISBN 978-1-4799-2421-9<br>Pages :- 225-230<br>Publisher-IEEE | 24, 25 March 2014. | Langkawi, Malaysia  | Y | Y | Y | 0 |
| 4 | Modeling of Flicker due to Vertical Wind Shear initiated by vegetation in a Riverside Wind Turbine Using Wind Tunnel | Datta. S. Chavan AditiRana Mahal Raj Singh, S. D. Bhide, P. B. Karandikar     | ICDCS 2014 IEEE 2 <sup>nd</sup> International Conference on Devices, Circuits and Systems – ICDCS 2014.   | March 6-8, 2014    | Karunya University, Coimbatore , Tamil Nadu, India. ICDCS 2014, | Y | N | N | 4 |
| 5 | Empirical Model of flicker due to vertical wind shear instigated by civilization in a                                | Datta. S. Chavan AditiRana Mahal Raj  | ICDCS 2014 IEEE 2 <sup>nd</sup> International Conference on   | March 6-8, 2014    | Karunya University, Coimbatore , Tamil                          | Y | N | N | 4 |



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|   | seashore wind turbine using wind tunnel  | Singh, S. D.<br>Bhide, P. B.<br>Karandikar  | Devices,<br>Circuits and<br>Systems –<br>ICDCS 2014.<br>ICDCS 2014   |                                     | Nadu,<br>India.<br>ICDCS<br>2014,  |   |   |   |   |
| 6 | Computation of Flicker as a result of Turbulence in a Wind Turbine Sited on a Green Building Using Wind Tunnel | Datta. S.<br>Chavan<br>AbhaykumarP<br>andey,<br>Santoshkumar<br>, P. B.<br>Karandikar | ICCPCT-2014<br>IEEE<br>International<br>Conference on<br>Circuits, Power<br>and Computing<br>Technologies<br>Print ISBN 978-<br>1-4799-2395-3<br>Pages -554-559<br>Publisher : -<br>IEEE | 20th -<br>21st of<br>March<br>2014. | Noorul<br>Islam<br>Centre for<br>Higher<br>Education,<br>Kumaracoil<br>,<br>Thuckalay,<br>Kanyakum<br>ari district,<br>Tamilnadu-<br>629180,<br>INDIA. | Y | Y | Y | 8 |
| 7 | Assessment of Flicker owing to Turbulence in a Wind Turbine placed on a hill Using Wind Tunnel                 | Datta. S.<br>Chavan<br>AbhaykumarP<br>andey,<br>Santoshkumar<br>, P. B.<br>Karandikar | ICCPCT-2014<br>IEEE<br>International<br>Conference on<br>Circuits, Power<br>and Computing<br>Technologies<br>Print ISBN 978-<br>1-4799-2395-3<br>Pages – 560-566<br>Publisher : -        | 20th -<br>21st of<br>March<br>2014. | Noorul<br>Islam<br>Centre for<br>Higher<br>Education,<br>Kumaracoil<br>,<br>Thuckalay,<br>Kanyakum<br>ari district,<br>Tamilnadu                       | Y | Y | Y | 8 |



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| 8  | Influence of horizontal wind shear on flicker emission severity in wind farm.   | Datta. S.<br>Chavan 1 S.<br>D. Bhide 2 P.<br>B. Karandikar<br>3       | 4th International Conference on Advances in Energy Research ICAER 2013,                   | 12<br>Decem<br>ber,<br>2013. | Indian<br>Institute of<br>technology,<br>IIT,<br>Mumbai,<br>India 10- | N | N | N | 0  |
| 9  | “Effect of vertical wind shear on flicker in wind farm  | DattaChavan,<br>S.D. Bhide<br>and P.B.<br>Karandikar,                 | IEEE Global Humanitarian Technology Conference, Print ISBN 978-1-4799-1094-6, pp. 203-208 | 23-24<br>August<br>2013.     | South Asia Satellite, GHTC SAS, Trivandrum, Kerala, India             | Y | Y | N | 11 |
| 10 | Overview of Demand Response Options and Regulatory Initiatives from Maharashtra Perspective. (Publication on IEEE Explore website ) | Raviraj V.<br>Kadam,<br>Siddharth B.<br>Rokade,<br>Rajesh<br>Holmukhe | IEEE-ISGT Asia 2013-Innovative Smart Grid Technologies Conference                         | 10-13<br>Nov,20<br>13        | Banglore  | Y | Y | N | 1  |

### National Conference





| Sr. No. | Title of the paper   | Name of the Author(s)  | Name of the Conference  | Date             | Location           | Listed in Standard Databases (Y/N) |                |                | Citations |
|---------|--|--|---|------------------|--------------------|------------------------------------|----------------|----------------|-----------|
|         |  |  |   |                  |                    | Scopus                             | Web of Science | Google Scholar |           |
| 1       | Investigations of activated carbon Material for electrodes of hybrid-capacitor | DattaChavan, NP Mahulkar, V Singh, S Singh, DattaChavan, P B Karandikar, | National level conference on energy and environment, NC2E-2014 at University of Pune ISBN no - 978-93-83993-10-9. page 188-191. | 24 February 2014 | University of Pune | N                                  | Y              | Y              | 0         |