

# DETAILED CURRICULUM VITAE



## Personal Information

|                      |                         |                       |         |
|----------------------|-------------------------|-----------------------|---------|
| <b>Name</b>          | <b>Dr .RAMESH MARPU</b> | <b>Nationality</b>    | INDIAN  |
| <b>Gender</b>        | MALE                    | <b>Marital Status</b> | MARRIED |
| <b>Date of Birth</b> | 06.07.1977              | <b>Religion</b>       | HINDU   |

## Contact Information

|                        |  |  |  |
|------------------------|--|--|--|
| <b>Current Address</b> | <p><b>PROFESSOR &amp; HOD</b><br/> <b>DEPT. OF ELECTRICAL AND ELECTRONICS ENGINEERING</b><br/>         VAAGESWARI COLLEGE OF ENGINEERING,<br/>         KARIMNAGAR, TELANGANA<br/>         :5054527. INDIA.</p> <p><b>PRINCIPAL</b><br/> <b>II SHIFT POLY TECHNIC</b><br/>         VAAGESWARI COLLEGE OF ENGINEERING, KARIMNAGAR<br/>         TELANGANA:5054527. INDIA.<br/> <b>[FROM JULY 2018 TO TILL DATE]</b></p> | <b>E-mail ID.</b>                              | <a href="mailto:marpuramesh223@gmail.com">marpuramesh223@gmail.com</a> |
|                        | <p>#2-108/6/3/G1A<br/>         HARMONY RESIDENCY<br/>         ICRISAR COLONY<br/>         GANGARAM<br/>         CHANDANAGAR<br/>         HYDERABAD<br/>         : 500050. INDIA.</p>   | <b>Work Tel No. /</b><br><br><b>Mobile No.</b> | <b>+917729992705</b><br><br><b>(+91) 8074129102</b>                    |

## Educational Qualification

**Dr. RAMESH MARPU Detailed**

| Degree                      | Bachelor Degree<br>B.Tech.,   | Master Degree<br>M.Tech., | Doctor of Philosophy Ph.D                | MBA                       |
|-----------------------------|---|---------------------------|--|---------------------------|
| Institute / University Name | VITAM,<br>Parvathipuram,JNTUH,<br>Kukatpally  | JNTUK<br>KAKINADA         | JNTUA<br>ANATHAPURAM.                    | GITAM<br>VISAKAP<br>ATNAM |
| Country                     | INDIA   | INDIA                     | INDIA                                    |                           |
| Year of Obtaining Degree    | July - 2002   | July - 2005               | January -2017                            | 2021                      |
| Branch of Specialization    | Electrical and<br>Electronics<br>Engineering  | Advanced Power<br>Systems | Electrical and<br>ElectronicsEngineering | System<br>Manag<br>ement  |
| Title of Ph.D. Dissertation | APPLICATION OF ARTIFICIAL INTELLIGENCE FOR ENHANCEMENT OF STABILITY IN HVDC TRANSMISSION SYSTEM |                           |  |                           |

## Experience

| From<br>D/M/Y | To<br>D/M/Y | Position /Title   | Department<br>Name                              | Institute /<br>University Name  | Nature<br>of<br>work  | Type of work            |
|---------------|-------------|---|---|---|-----------------------|-------------------------|
| 22/02/2017    | 28/09/2018  | Professor and<br>HOD  | Electrical<br>and<br>Electronics<br>Engineering | VAAGESWARI<br>COLLEGE OF<br>ENGINEERING,<br>KARIMNAGAR<br>,TELANGANA:<br>5054527. INDIA | Teaching&<br>Research | Permanent&<br>Full Time |
| 29/09/2018    | TILLDATE    | Principal(II-Shift<br>Polytechnic),<br>Professor and<br>HOD | Electrical<br>and<br>Electronics<br>Engineering | VAAGESWARI<br>COLLEGE OF<br>ENGINEERING,<br>KARIMNAGAR<br>,TELANGANA:<br>5054527. INDIA | Teaching&<br>Research | Permanent&<br>Full Time |
| 01/10/2015    | 20/02/2017  | Associate<br>Professor and<br>HOD                           | Electrical<br>and<br>Electronics<br>Engineering | Methodist Coll<br>ege of<br>engineering and<br>technology .<br>INIDA.                   | Teaching&<br>Research | Permanent&<br>Full Time |
| 05/07/2005    | 30/05/2007  | Associate<br>Professor and<br>HOD                           | Electrical<br>and<br>Electronics<br>Engineering | Medak college<br>of Engineering<br>& Technology.<br>INIDA.                              | Teaching&<br>Research | Permanent&<br>Full Time |
| 01/06/2007    | 30/09/2015  | Assistant<br>Professor and<br>HOD                           | Electrical<br>and<br>Electronics<br>Engineering | Medak college<br>of Engineering<br>& Technology.<br>INIDA.                              | Teaching&<br>Research | Permanent&<br>Full Time |

### Dr. RAMESH MARPU Detailed

|            |            |                             |  |                     |                     |                       |
|------------|------------|-----------------------------|--|---------------------|---------------------|-----------------------|
| 01/06/2004 | 30/05/2005 | Assistant Professor and HOD | Electrical and Electronics Engineering | VBIT JANGOAN INDIA. | Teaching & Research | Permanent & Full Time |
|------------|------------|-----------------------------|--|---------------------|---------------------|-----------------------|

### COURSES TAUGHT

Control Systems, HVDC Transmission, Electrical technology, Electrical Engineering, Electrical machines-I, Electrical machines-II, Power Systems-I, Power Systems-II, Power Systems-III, Modeling of **power system components**, Network Theory, Network Analysis, Electric Circuits, Electrical power distribution systems, Utilization of electrical energy

### RESEARCH ID

| Research id Number            | Organization                 |
|-------------------------------|------------------------------|
| <a href="#">ABC-8460-2021</a> | Web of Science Researcher ID |
| <b>0000-0002-0340-7442</b>    | ORCID                        |
| <b>171363</b>                 | Vidwan-ID                    |

### PATENTS PUBLISHED

| APPLICATION NUMBER | TITLE OF THE INVENTION   |
|--------------------|--|
| 202241016809       | Hybrid and Electric Vehicles Charging at Running Time Vehicles |

### INTERNATIONAL CONFERENCE CHAIR

Organized International Conference on Innovations & Discoveries in Science, Engineering and Management (ICIDSEM-2018), April 9-10 at Vaageswari college of Engineering, Karimnagar, Telangana

### BOOK PUBLISHED

Dr.M.Ramesh,Dr.Sai Ram Inkollu, Basic Concepts of Electrical Engineering, Lulu Publications, 978-0-359-67421-3,2019.

Dr.M.Ramesh,V.,Hari Babu, Power System and Economic Operation of Power System, Lulu Publications, 978-0-359-67709-2,2019

| <b>Awards</b>                                  |                    |   |                    |
|--|--------------------|---|--------------------|
| <b>Title</b>                                   | <b>Type/Nature</b> | <b>Institution Name</b>                               | <b>Date / Year</b> |
| BHARAT VIKAS AWARD                             |                    | Self Reliance   | 2017               |
| BEST TEACHER AWARD                             |                    | Institute for Exploring Advances in Engineering(IEAE) | 2018               |
| EXCELLENCE RESEARCH AWARD                      |                    | Institute for Exploring Advances in Engineering(IEAE) | 2018               |
| Dr.APJ Abdul Kalam Life Time Achievement Award |                    |   | 2019               |

| <b>Membership</b>  |                     |  |                    |
|--|---------------------|--|--------------------|
| <b>Title</b>   | <b>Type/Nature</b>  | <b>Institution Name</b>  | <b>Date / Year</b> |
| LMISTE [ LM – 73565 ]  | Life Member         | The Indian Society for Technical Education [ISTE], New Delhi, India.     | 2010               |
| IEEE   | Life Member         | Computer Society of India [CSI], Worli, Mumbai, India.                   | 1998               |
| IAENG [IAENG – 164744 ]  | Life Member         | International Association of   | 2021               |
| Member of Engineering Council of India (MECI)                            | Life Member         | Member of Engineering Council of India (MECI)                            | 2015               |
| International Association of Computer Science and Information Technology | Life Member         | International Association of Computer Science and Information Technology | 2018               |
| International Association of Engineers.                                  | Life Member         | International Association of Engineers.                                  | 2019               |
| IEAE20180325   | Professional Member | Institute for Exploring Advances in Engineering                          | 2017               |

Area of Specialization : **Advanced Power System, FACTS, Stability, AI Techniques**

Research Areas :

- **AI Techniques**
- **Power Quality**
- **FACTS**
- **Power system**

Professional Teaching Experience : **More than 16 - Years**

Research Experience : **More than 06 - Years**

Research Guidance (Ph.D.) : **NIL**

| <b>BOOK CHAPTER PUBLISHED</b>  |   | <b>01</b> |
|--|---|-----------|
| M. Ramesh and A. Jaya Laxmi “Application of Artificial Intelligence Control of HVDC Transmission System” Recent Advances in Mathematical Research and Computer Science Vol. 3, BP Publisher, 2021. | ISBN: 978-93-5547-212-0, eBook ISBN: 978-93-5547-213-7<br>DOI:10.9734/bpi/ramrcs/v3/5276F |           |

### **Research Journal Publications (list):**

| <b>PUBLICATIONS AS ON TODAY [30<sup>th</sup> March, 2022]</b>  |   | <b>TOTAL : 46</b> |
|--|---|-------------------|
| M. Ramesh, Dr. K B V S R Subrahmanyam, “Improvement of Power Transfer Capability of HVDC Transmission System Using Artificial Neural Network (ANN) Controller,” International Journal of Pure and Applied Mathematics (IJPAM)<br><a href="https://acadpubl.eu/hub/2018-120-6/9/834.pdf">https://acadpubl.eu/hub/2018-120-6/9/834.pdf</a> | ISSN: 1314-3395, pp299-327, October, -2018.                   |                   |
| Dr. M. Ramesh, Dr.T.Anil Kumar, “Performance Investigation of Fractional-Order PI Based Unified Power Quality Conditioner,” International Journal of Pure and Applied Mathematics (IJPAM),<br><a href="https://acadpubl.eu/hub/2018-120-6/9/844.pdf">https://acadpubl.eu/hub/2018-120-6/9/844.pdf</a>                                    | ISSN: 1314-3395, Volume 120 No. 6, October 2018, pp. 473-493. |                   |

### Dr. RAMESH MARPU Detailed

|  |  |
|--|--|
| <p>G.Srikanth, Dr. M. Ramesh, "Simulation Of Isolated Boost Converters," International Journal of Pure and Applied Mathematics (IJPAM), ISSN: 1314-3395, Volume 120 No. 6, October 2018,pp. 509-518.</p> <p><a href="https://acadpubl.eu/hub/2018-120-6/9/846.pdf">https://acadpubl.eu/hub/2018-120-6/9/846.pdf</a></p>  | <p>ISSN: 1314-3395, Volume 120 No. 6, October 2018,pp. 509-518.</p>      |
| <p>Dr.T.Anil Kumar, Dr. M. Ramesh, "Real Power Tracing and Estimation in Deregulated Environment using Big Data Analytics," International Journal of Pure and Applied Mathematics (IJPAM), ISSN: 1314-3395, Volume 120 No. 6, October 2018,pp. 535-550.</p> <p><a href="https://acadpubl.eu/hub/2018-120-6/9/845.pdf">https://acadpubl.eu/hub/2018-120-6/9/845.pdf</a></p> | <p>ISSN: 1314-3395, Volume 120 No. 6, October 2018,pp. 535-550.</p>      |
| <p>K.Chandramouli, Dr. M. Ramesh, "A Hybrid Diesel-Wind-Pv-Based Energy Generation System With Brushless Generators," International Journal of Pure and Applied Mathematics (IJPAM), ISSN: 1314-3395, Volume 120 No. 6, October 2018,pp. 495-507.</p> <p><a href="https://acadpubl.eu/hub/2018-120-6/9/848.pdf">https://acadpubl.eu/hub/2018-120-6/9/848.pdf</a></p>       | <p>ISSN: 1314-3395, Volume 120 No. 6, October 2018,pp. 495-507.</p>      |
| <p>M. Ramesh, Power Transfer capability Improvement of HVDC Transmission System using Neuro-Fuzzy(ANFIS) Controller", Asian Power Electronics Journal(APEJ)</p> <p><a href="http://perc.polyu.edu.hk/APEJ/APEJ%20Journal.html">http://perc.polyu.edu.hk/APEJ/APEJ%20Journal.html</a></p>   | <p>Asian Power Electronics Journal, Vol. 8, No. 3, Dec 2014,pp 80-85</p> |
| <p>M. Ramesh, Stabilization of HVDC Transmission System using PI Controller", Journal of Multidisciplinary Engineering Science and Technology</p> <p><a href="https://www.jmest.org/vol-1-issue-5-december-2014/">https://www.jmest.org/vol-1-issue-5-december-2014/</a></p>   | <p>ISSN: 3159-0040, Vol.1, No.5, pp188-197, Dec2014</p>                  |
| <p>Improvement of Stability of HVDC Transmission System Using Static Synchronous Series Compensator (SSSC)", Journal of Advances in Natural and Applied Sciences.</p> <p><a href="https://www.researchgate.net/publication/277333052_Improvement_of_Stability_o">https://www.researchgate.net/publication/277333052_Improvement_of_Stability_o</a></p>                     | <p>ISSN: 1995-0772, EISSN: 1998-1090, Vol.8, No.20, pp1-15Dec2014.</p>   |

|  |   |
|--|---|
| <p><a href="#">f HVDC Transmission System Using Static Synchronous Series Compensator SSSC</a></p>   |   |
| <p>Enhancement of Power Transfer Capability of HVDC Transmission System Using Fuzzy Logic Controller”, Journal of Advances in Intelligent Systems and Computing- Springer.</p> <p><a href="https://link.springer.com/chapter/10.1007/978-81-322-2217-0_16">https://link.springer.com/chapter/10.1007/978-81-322-2217-0_16</a></p>  | <p>ISBN: 978-81-322-2219-4, Vol.2, pp181-196, Dec-2014.</p>                                       |
| <p>Stability Enhancement of HVDC System Using Fuzzy Based STATCOM”, AASRI PROCEDIA ELSEVIER.</p> <p><a href="https://www.sciencedirect.com/journal/aasri-procedia/vol/2/suppl/C">https://www.sciencedirect.com/journal/aasri-procedia/vol/2/suppl/C</a><br/> <a href="http://toc.proceedings.com/18146webtoc.pdf">http://toc.proceedings.com/18146webtoc.pdf</a></p>   | <p>ISSN: 2212-6716, Vol.2, pp1-322, sep.2012</p>  |
| <p>Stability Enhancement of HVDC System Using PI Based STATCOM” International Review of Automatic Control (Theory and Application)(I.R.E.A.CO),</p> <p><a href="https://www.praiseworthyprize.org/latest_issues/IREACO-latest/IREACO_vol_5_n_6.html#Stability_Enhancement_of_HVDC_System_Using_PI_Based_STATCOM">https://www.praiseworthyprize.org/latest_issues/IREACO-latest/IREACO_vol_5_n_6.html#Stability_Enhancement_of_HVDC_System_Using_PI_Based_STATCOM</a></p>                             | <p>ISSN: 1974-6059<br/>eISSN: 2533-2260<br/>Vol.5 No.6,Nov 2012.<br/>pp. 854-859</p>              |
| <p>“Enhancement of Power Transmission Capability of HVDC System Using Fuzzy Logic Controllers” International Journal of Advances in Engineering &amp; Technology (IJAET)</p> <p><a href="https://www.ijaet.org/media/0004/42I5-IJAET0511517-ENHANCEMENT-OF-POWER-Copyright-IJAET.pdf">https://www.ijaet.org/media/0004/42I5-IJAET0511517-ENHANCEMENT-OF-POWER-Copyright-IJAET.pdf</a><br/> <a href="https://www.ijaet.org/volume-1-issue-5.html">https://www.ijaet.org/volume-1-issue-5.html</a></p> | <p>ISSN: 2231-1963<br/>Nov 2011, pp 401-416.<br/><b>DOI:</b><br/><b>10.7323/ijaet/v1_iss5</b></p> |

**Dr. RAMESH MARPU Detailed**

|  |   |
|--|---|
| <p>Application of HVDC with FACTS Controller for Stabilization of power Transmission Capability” International Journal of Earth Science and Engineering (IJE) January 2012, pp 662-669.</p>  |   |
| <p>M. Ramesh, CH.Sujatha, “Power quality improvement in wind generation system by using multi level FPGA technique in DVR system,” International Journal of Computer Science information And Engg. Technologies (IJCSIET)</p>  | <p>ISSN 2277-4408,<br/>Vol.1, Issue- 5, Series-1,<br/>Jan.2015, pp.1-5</p>  |
| <p>M. Ramesh, Aisha Nilofer, “Research on Motor Drive Mechanism of High-voltage Circuit Breaker and used for vehicle applications,” International Journal of Computer Science information And Engg. Technologies (IJCSIET)</p>   | <p>ISSN 2277-4408,<br/>Vol.1, Issue- 5, Series-2,<br/>Jan.2015, pp.1-6.</p>   |
| <p>M. Ramesh, N. Eashwaramma, “A Novel Hybrid Renewable Resources Constructed With Multilevel Inverter Using SVM Technique,” International Journal of Computer Science Information and Engg. Technologies (IJCSIET).</p>   | <p>ISSN 2277-4408, Vol.1, Issue- 5, Series-3, Jan.2015, pp.1-6</p>  |
| <p>M.Ravalika , M.Thirumala, S.Mounika, Dr.M.Ramesh “ Performance of Three Phase II-Level Inverter With Reduced Number of Switches Using Different PWM Techniques” Journal of Emerging Technologies and Innovative Research (JETIR).<br/><a href="https://www.jetir.org/view?paper=JETIRE006071">https://www.jetir.org/view?paper=JETIRE006071</a><br/>Published Paper URL :: <a href="https://www.jetir.org/view?paper=JETIRE006071">https://www.jetir.org/view?paper=JETIRE006071</a><br/>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIRE006071">https://www.jetir.org/papers/JETIRE006071</a><br/>DOI ID: 10.6084/m9.jetir.JETIRE006071</p> | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 9,<br/>September-2018,pp. 476-486<br/><b>Impact Factor 7.95</b><br/><b>UGC APPROVED</b><br/><b>JOURNAL NO 63975</b></p> |
| <p>B.Rajchandra 1 A.Sharath kumar2 P.Mahesh kumar Dr.M.Ramesh “ A Quad Two Level Inverter Configuration For Four Pole Induction Motor Drive With Single Dc Link” Journal of Emerging Technologies and Innovative Research (JETIR).<br/><a href="https://www.jetir.org/view?paper=JETIRE006070">https://www.jetir.org/view?paper=JETIRE006070</a></p>   | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 9,<br/>September-2018,pp. 463-475<br/><b>Impact Factor 7.95</b><br/><b>UGC APPROVED</b><br/><b>JOURNAL NO 63975</b></p> |



|   |  |
|---|--|
| <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIRE006070">https://www.jetir.org/papers/JETIRE006070</a></p> <p><a href="https://www.jetir.org/view?paper=JETIRE006070">https://www.jetir.org/view?paper=JETIRE006070</a></p> <p>DOI ID: 10.6084/m9.jetir.JETIRE006070</p>   |  |
| <p>M.Aishwarya L.Harshini Dr.M.Ramesh “</p> <p>Design And Transient Operation Assessment Of Resonant Fcls In Bulk Power Systems” Journal of Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIRE006069">https://www.jetir.org/view?paper=JETIRE006069</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIRE006069">https://www.jetir.org/papers/JETIRE006069</a></p> <p><a href="https://www.jetir.org/view?paper=JETIRE006069">https://www.jetir.org/view?paper=JETIRE006069</a></p> <p>DOI ID: 10.6084/m9.jetir.JETIRE006069</p> | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 9,<br/>September-2018,pp. 447-462</p> <p><b>Impact Factor 7.95</b></p> <p><b>UGC APPROVED</b></p> <p><b>JOURNAL NO 63975</b></p> |
| <p>N.Saikiran 1 E.Supriya2 N.Kiran kumar Dr.M.Ramesh “</p> <p>Control Of A Small Wind Turbine In The High Wind Speed Region” Journal of Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIRE006068">https://www.jetir.org/view?paper=JETIRE006068</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIRE006068">https://www.jetir.org/papers/JETIRE006068</a></p> <p><a href="https://www.jetir.org/view?paper=JETIRE006068">https://www.jetir.org/view?paper=JETIRE006068</a></p> <p>DOI ID: 10.6084/m9.jetir.JETIRE006068</p>     | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 9,<br/>September-2018,pp. 431-446</p> <p><b>Impact Factor 7.95</b></p> <p><b>UGC APPROVED</b></p> <p><b>JOURNAL NO 63975</b></p> |
| <p>V.Sindhuja T.Ravali MD.Imran Dr.M.Ramesh “</p> <p>Power Factor Improvement And Dynamic Performance Of An Induction Machine With Converter-Fed Rotor” Journal of Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIRE006067">https://www.jetir.org/view?paper=JETIRE006067</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIRE006067">https://www.jetir.org/papers/JETIRE006067</a></p> <p><a href="https://www.jetir.org/view?paper=JETIRE006067">https://www.jetir.org/view?paper=JETIRE006067</a></p>                       | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 9,<br/>September-2018,pp. 447-462</p> <p><b>Impact Factor 7.95</b></p> <p><b>UGC APPROVED</b></p> <p><b>JOURNAL NO 63975</b></p> |

|  |  |
|--|--|
| <p>DOI ID: 10.6084/m9.jetir.JETIRE006067</p>   |  |
| <p>V.Rajitha P.Sneha M.V.Praveen Reddy Dr.M.Ramesh Ramesh “<br/>Control And Operation Of A Dc Grid-Based Wind Power Generation System In A<br/>Micro Grid” Journal of Emerging Technologies and Innovative Research (JETIR).<br/><a href="https://www.jetir.org/view?paper=JETIRE006066">https://www.jetir.org/view?paper=JETIRE006066</a><br/>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIRE006066">https://www.jetir.org/papers/JETIRE006066</a><br/>DOI ID: 10.6084/m9.jetir.JETIRE006066<br/><a href="https://www.jetir.org/view?paper=JETIRE006066">https://www.jetir.org/view?paper=JETIRE006066</a></p>          | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 9,<br/>September-2018,pp 404-418<br/><b>Impact Factor 7.95</b><br/><b>UGC APPROVED</b><br/><b>JOURNAL NO 63975</b></p> |
| <p>B.Aravind B.Latha B.Pranith kumar Dr.M.Ramesh “<br/>Assessment And Enhancement Of A Full-Scale Pmsg-Based Wind Power<br/>Generator Performance Under Faults” Journal of Emerging Technologies and<br/>Innovative Research (JETIR).<br/><a href="https://www.jetir.org/view?paper=JETIRE006065">https://www.jetir.org/view?paper=JETIRE006065</a><br/>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIRE006065">https://www.jetir.org/papers/JETIRE006065</a><br/>DOI ID: 10.6084/m9.jetir.JETIRE006065<br/><a href="https://www.jetir.org/view?paper=JETIRE006065">https://www.jetir.org/view?paper=JETIRE006065</a></p> | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 9,<br/>September-2018,pp 390-403<br/><b>Impact Factor 7.95</b><br/><b>UGC APPROVED</b><br/><b>JOURNAL NO 63975</b></p> |
| <p>S.Saikiran 1 L.Praveen2 E.Veejetha Dr.M.Ramesh“<br/>Power Controllability Of A Three-Phase Converter With An Unbalanced AC<br/>Source” Journal of Emerging Technologies and Innovative Research (JETIR).<br/><a href="https://www.jetir.org/view?paper=JETIRE006075">https://www.jetir.org/view?paper=JETIRE006075</a><br/>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIRE006075">https://www.jetir.org/papers/JETIRE006075</a><br/>DOI ID: 10.6084/m9.jetir.JETIRE006075<br/><a href="https://www.jetir.org/view?paper=JETIRE006075">https://www.jetir.org/view?paper=JETIRE006075</a></p>                           | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 9,<br/>September-2018,pp 518-526<br/><b>Impact Factor 7.95</b><br/><b>UGC APPROVED</b><br/><b>JOURNAL NO 63975</b></p> |
| <p>M.Sandhya T.Gangabavani2 A.Anilkumar Dr.M.Ramesh”<br/>Modeling And Simulation Of A Novel Solar PV/ Battery Hybrid Energy System<br/>With A Single Phase Five Level Inverter” Journal of Emerging Technologies and<br/>Innovative Research (JETIR).<br/><a href="https://www.jetir.org/view?paper=JETIRE006072">https://www.jetir.org/view?paper=JETIRE006072</a></p>  | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 9,<br/>September-2018,pp 487-496<br/><b>Impact Factor 7.95</b></p>   |

|   |   |
|---|---|
| <p><a href="https://www.jetir.org/view?paper=JETIRE006072">https://www.jetir.org/view?paper=JETIRE006072</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIRE006072">https://www.jetir.org/papers/JETIRE006072</a><br/>DOI ID: 10.6084/m9.jetir.JETIRE006072</p>  | <p align="center"><b>UGC APPROVED</b><br/><b>JOURNAL NO 63975</b></p>   |
| <p>A.Anjum Y.Keerthi K.Chandramouli Dr.M.Ramesh “<br/>Decoupled Active And Reactive Power Control For Large-Scale Grid-Connected<br/>Photovoltaic Systems Using Cascaded Modular Multilevel Converters” Journal of<br/>Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIRE006073">https://www.jetir.org/view?paper=JETIRE006073</a><br/><a href="https://www.jetir.org/view?paper=JETIRE006073">https://www.jetir.org/view?paper=JETIRE006073</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIRE006073">https://www.jetir.org/papers/JETIRE006073</a><br/>DOI ID:10.6084/m9.jetir.JETIRE006073</p> | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 9,<br/>September-2018,pp 497-<br/>506</p> <p align="center"><b>Impact Factor 7.95</b><br/><b>UGC APPROVED</b><br/><b>JOURNAL NO 63975</b></p>   |
| <p>A.Harish M.Bharathi E.Vejetha Dr.M.Ramesh “<br/>A 80-Kw Isolated Dc–Dc Converter For Railway Applications” Journal of<br/>Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIRE006074">https://www.jetir.org/view?paper=JETIRE006074</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIRE006074">https://www.jetir.org/papers/JETIRE006074</a><br/>DOI ID: 10.6084/m9.jetir.JETIRE006074<br/><a href="https://www.jetir.org/view?paper=JETIRE006074">https://www.jetir.org/view?paper=JETIRE006074</a></p>  | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 9,<br/>September 2018,pp 507-<br/>517</p> <p align="center"><b>Impact Factor 7.95</b><br/><b>UGC APPROVED</b><br/><b>JOURNAL NO 63975</b></p>   |
| <p>Divya Boga, M. Ramesh,, “A Novel Pulse Width Modulation Scheme for T-Type<br/>Multi-level Inverter,” Journal of Emerging Technologies and Innovative Research<br/>(JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIR1812619">https://www.jetir.org/view?paper=JETIR1812619</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIR1812619">https://www.jetir.org/papers/JETIR1812619</a></p>  | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 12,<br/>December 2018,pp. 131-<br/>136.</p> <p align="center"><b>Impact Factor 7.95</b><br/><b>UGC APPROVED</b><br/><b>JOURNAL NO 63975</b></p> |
| <p>Divya Godishala, M. Ramesh,, “A Periodic Modulation Method to Mitigate<br/>Electromagnetic Interference in Impedance Source DC-DC Converters,” Journal<br/>of Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIR1812621">https://www.jetir.org/view?paper=JETIR1812621</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIR1812621">https://www.jetir.org/papers/JETIR1812621</a></p>  | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 12,<br/>December 2018,pp 141-<br/>146</p> <p align="center"><b>Impact Factor 7.95</b><br/><b>UGC APPROVED</b><br/><b>JOURNAL NO 63975</b></p>   |

**Dr. RAMESH MARPU Detailed**

|  |   |
|--|---|
| <p>CH.Vishnu Teja, M. Ramesh,, “A Zeta Converter for Power Quality Improvement in Brushless DC Motor Drivers,” Journal of Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIR1812623">https://www.jetir.org/view?paper=JETIR1812623</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIR1812623">https://www.jetir.org/papers/JETIR1812623</a></p>  | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 12,<br/>December 2018,pp. 150-155</p> <p><b>Impact Factor 7.95</b></p> <p><b>UGC APPROVED</b></p> <p><b>JOURNAL NO 63975</b></p>  |
| <p>M.Harish Kumar, M. Ramesh,, “Design of DC to Single-Phase AC Voltage Source Converter with Active Power Decoupling Based on Flying Capacitor DC/DC Converter,” Journal of Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIR1812624">https://www.jetir.org/view?paper=JETIR1812624</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIR1812624">https://www.jetir.org/papers/JETIR1812624</a></p> | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 12,<br/>December 2018,pp. 156-161.</p> <p><b>Impact Factor 7.95</b></p> <p><b>UGC APPROVED</b></p> <p><b>JOURNAL NO 63975</b></p> |
| <p>MD.Masood, M. Ramesh,, “A Synchronous Buck DC-DC Converter using Novel Dual mode Control Scheme to Improve Efficiency,” Journal of Emerging Technologies and Innovative Research (JETIR)</p> <p><a href="https://www.jetir.org/view?paper=JETIR1812626">https://www.jetir.org/view?paper=JETIR1812626</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIR1812626">https://www.jetir.org/papers/JETIR1812626</a></p>   | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 12,<br/>December 2018,pp. 170-175.</p> <p><b>Impact Factor 7.95</b></p> <p><b>UGC APPROVED</b></p> <p><b>JOURNAL NO 63975</b></p> |
| <p>P.Vinod Kumar, M. Ramesh,, “An Integration of PV System to a Three-Phase Distribution System Using an LWDF-Based Approach,” Journal of Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIR1812627">https://www.jetir.org/view?paper=JETIR1812627</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIR1812627">https://www.jetir.org/papers/JETIR1812627</a></p>                                    | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 12,<br/>December 2018,pp. 176-183.</p> <p><b>Impact Factor 7.95</b></p> <p><b>UGC APPROVED</b></p> <p><b>JOURNAL NO 63975</b></p> |
| <p>Samatha.T, M. Ramesh,, “Modular Medium-Voltage Grid Connection Converter With Improved Switching Techniques For Solar Photovoltaic Systems,” Journal of Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIR1812629">https://www.jetir.org/view?paper=JETIR1812629</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIR1812629">https://www.jetir.org/papers/JETIR1812629</a></p>                   | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 12,<br/>December 2018,pp. 190-197</p> <p><b>Impact Factor 7.95</b></p> <p><b>UGC APPROVED</b></p>                                 |

|  |   |
|--|---|
|  | <b>JOURNAL NO 63975</b>   |
| <p>K.Soumya, M. Ramesh,, “A Virtual Synchronous Control for Voltage-Source Converters Utilizing Dynamics of DC-Link Capacitor to Realize Self-Synchronization,” Journal of Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIR1812628">https://www.jetir.org/view?paper=JETIR1812628</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIR1812628">https://www.jetir.org/papers/JETIR1812628</a></p> | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 12,<br/>December 2018,pp. 184-189.</p> <p><b>Impact Factor 7.95</b></p> <p><b>UGC APPROVED</b></p> <p><b>JOURNAL NO 63975</b></p> |
| <p>Sainath.K, M. Ramesh,, “Common Ground Type Transformerless Inverters for Single Phase Solar Photo-voltaic Systems,” Journal of Emerging Technologies and Innovative Research (JETIR)</p> <p><a href="https://www.jetir.org/view?paper=JETIR1812630">https://www.jetir.org/view?paper=JETIR1812630</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIR1812630">https://www.jetir.org/papers/JETIR1812630</a></p>   | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 12,<br/>December 2018,pp. 198-206.</p> <p><b>Impact Factor 7.95</b></p> <p><b>UGC APPROVED</b></p> <p><b>JOURNAL NO 63975</b></p> |
| <p>K.Mounika, M. Ramesh,, “An Establishment of Neutral Voltage Modulation Strategy for Multilevel Cascaded Inverters under Unbalanced DC Systems,” Journal of Emerging Technologies and Innovative Research (JETIR).</p> <p><a href="https://www.jetir.org/view?paper=JETIR1812634">https://www.jetir.org/view?paper=JETIR1812634</a></p> <p>Published Paper PDF: <a href="https://www.jetir.org/papers/JETIR1812634">https://www.jetir.org/papers/JETIR1812634</a></p>              | <p>ISSN: 2349-5162,<br/>Volume 5, Issue 12,<br/>December 2018,pp. 198-206.</p> <p><b>Impact Factor 7.95</b></p> <p><b>UGC APPROVED</b></p> <p><b>JOURNAL NO 63975</b></p> |
| <p>K. Samatha, A.Anil Kumar, Dr.M. Ramesh,” Ultrahigh Step-Up Dc–Dc Converter for Fuzzy Controller the Use of Three Degree of Freedom Approach.” International Journal of Research.</p> <p><a href="https://journals.pen2print.org/index.php/ijr/article/view/10369">https://journals.pen2print.org/index.php/ijr/article/view/10369</a></p>   | <p>ISSN: 2348-6848,<br/>Volume 4, Issue 14,<br/>November 2017,pp. 4554-4561.</p>  |
| <p>S. Prasuna, N. Kiran Kumar,Dr.M.Ramesh,” A Family Of Excessive Capacity Gain Unique Component Mule Switched Capacitor Percent Rectifiers.” International Journal of Research.</p> <p><a href="https://journals.pen2print.org/index.php/ijr/article/view/9522">https://journals.pen2print.org/index.php/ijr/article/view/9522</a></p>  | <p>ISSN: 2348-6848,<br/>Volume 4, Issue 13,<br/>October 2017,pp. 2138 - 2144.</p>   |

### Dr. RAMESH MARPU Detailed

|   |  |
|---|--|
| Aliya Anjum,kodem.Chandramouli,Dr.M.Ramesh,” A New Nested Neutral Point-Clamped (Nnpc) Converter for Medium-Voltage (Mv) Power Conversion.” International Journal of Research.<br><a href="https://journals.pen2print.org/index.php/ijr/article/view/9523">https://journals.pen2print.org/index.php/ijr/article/view/9523</a>                     | ISSN: 2348-6848,<br>Volume 4, Issue 13,<br>October 2017,pp. 2145 - 2151. |
| Palle Vamshi , MD.Imran , Dr.M.Ramesh,” ZCS Based soft Switching technique for modular inverter fed by PV-Array,” International Journal of Research<br><a href="https://journals.pen2print.org/index.php/ijr/article/view/10764">https://journals.pen2print.org/index.php/ijr/article/view/10764</a>  | ISSN: 2348-6848,<br>Volume 4, Issue 17,<br>December 2017,pp. 603 - 606.  |
| singarapu Shirish,M.Ramana Reddy, Dr.M.Ramesh,” A Novel Transformer-Much Less Four Phase Buck Converter With Low Voltage Stress And Automatic Current Sharing,” International Journal of Research.<br><a href="https://journals.pen2print.org/index.php/ijr/article/view/9519">https://journals.pen2print.org/index.php/ijr/article/view/9519</a> | ISSN: 2348-6848,<br>Volume 4, Issue 13,<br>October 2017,pp. 2112 - 2118. |
| Kallepu Laxmi Bhavani & Dr.M.Ramesh.” Analysis Of Different Topologies For Activ Power Factor Correction In Dc –Dc Converters,” International Journal of Research.<br><a href="https://journals.pen2print.org/index.php/ijr/article/view/9517">https://journals.pen2print.org/index.php/ijr/article/view/9517</a>                                 | ISSN: 2348-6848,<br>Volume 4, Issue 13,<br>October 2017,pp. 2093-2100    |
| Balla Aravind Kumar, M.V.Praveen Reddy, Dr.M.Ramesh,” Improved Design Presaging Govern For 3-Segment Inverter With Gain LC Filter Out,” International Journal of Research.<br><a href="https://journals.pen2print.org/index.php/ijr/article/view/9520">https://journals.pen2print.org/index.php/ijr/article/view/9520</a>                         | ISSN: 2348-6848,<br>Volume 4, Issue 13,<br>October 2017,pp. 2119-2127.   |
| Nallachaitanya,D.Rama Krishna Reddy, Dr.M.Ramesh,” Peak Power Control With An Energy Management System,” International Journal of Research.<br><a href="https://journals.pen2print.org/index.php/ijr/article/view/9521">https://journals.pen2print.org/index.php/ijr/article/view/9521</a>  | ISSN: 2348-6848,<br>Volume 4, Issue 13,<br>October 2017,pp. 2128-2137.   |
| Thota Mahesh Kumar & M. Ramesh.” Design of UPQC to Mitigate Power Quality Issues,” International Journal of Research.<br><a href="https://journals.pen2print.org/index.php/ijr/article/view/10796">https://journals.pen2print.org/index.php/ijr/article/view/10796</a>  | ISSN: 2348-6848,<br>Volume 4, Issue 17,<br>December 2017,pp. 829-843.    |

## Dr. RAMESH MARPU Detailed

|   |  |
|---|--|
| Stability of VSCHVDC System Using Fuzzy Controller “The Indian Journal of Technical Education, (Special Issue for NCEVT’12) April 2012.   | ISSN 0971-3034   |
| Enhancement of power transmission capability of VSC HVDC System using Fuzzy controller’s i-manager’s Journal on Electrical Engineering, <a href="https://imanagerpublications.com/viewarticles/4/195/JEEVol5Iss3">https://imanagerpublications.com/viewarticles/4/195/JEEVol5Iss3</a> | ISSN Print: 0973-8835<br>ISSN Online: 2230-717<br>vol.5.No.3.January-March2012<br>DOI: <a href="https://doi.org/10.26634/jee.5.3.1710">https://doi.org/10.26634/jee.5.3.1710</a> |

### Presented in International & National Conference & Published in Proceedings:

[International Conference Proceedings & National Conference Proceedings ] **TOTAL : 11**

#### INTERNATIONAL CONFERENCE PROCEEDINGS:

|  |   |
|--|---|
| <p>“Fault Identification in HVDC using Artificial Intelligence Recent Trends and Perspective ” IEEE 2<sup>nd</sup> International conference on Power, Signals, Control &amp; Computation (EPSCICON 2012), Vidya Academy of Science &amp; Technology, Thrissur, India on 3-6 Jan 2012.</p> <p><a href="https://ieeexplore.ieee.org/document/6175256/citations#citations">https://ieeexplore.ieee.org/document/6175256/citations#citations</a></p> | <p><b>DOI:</b><br/>10.1109/EPSCIC<br/>ON.2012.6175256</p> <p>ISBN:978-1-4673-0449-8</p> <p>Print ISBN:978-1-4673-0446-7</p> <p>CD:978-1-4673-0448-1</p> <p><b>Publisher: IEEE</b></p> <p><b>13</b><br/>Paper<br/>Citations</p> <p><b>1340</b><br/>Full<br/>Text Views</p> |
| <p>STABILTY OF POWER TRANSMISSION CAPABILITY OF HVDC SYSTEM USING FACTS CONTROLLERS” IEEE 2<sup>nd</sup>International conference on Computer Communication and Informatics(ICCCI2012),Sri Shakthi Institute of Engineering and Technology, Sri Shakthi Nagar,India on 10-12 Jan 2012.</p> <p><a href="https://ieeexplore.ieee.org/document/6158889">https://ieeexplore.ieee.org/document/6158889</a></p>   | <p>ISBN:978-1-4577-1583-9</p> <p>Print ISBN:978-1-4577-1580-8</p> <p>CD:978-1-4577-</p>   |

## Dr. RAMESH MARPU Detailed

|  |   |
|--|---|
|  | <p>1582-2</p> <p><b>Publisher: IEE<br/>E<br/>3<br/>Paper<br/>Citations</b></p> <p><b>1846<br/>Full<br/>Text Views</b></p> <p>DOI: <b>10.1109/IC<br/>CCI.2012.615888<br/>9</b></p> |
| <p>“Artificial Intelligence Based Stability in HVDC System-A Review” First International conference on Power Electronics and Controls (ICEPEC 2012), PSG College of Technology Coimbatore, India on 24 -25 Nov 2011, pp 1-10.</p>  |   |
| <p>“Application Of HVDC With Facts Controllers for Stabilization Of Power Transmission Capability” International Conference on Recent Advances and Challenges in Energy (RACE 2012) on 4th -6th Jan 2012, Manipal University Manipal, Karnataka , India</p>  |   |
| <p>“Stability of VSC-HVDC System Using Fuzzy Controller” National Conference on Emerging Vistas of Technology in 21st Century “FUTURISTIC TRENDS IN ELECTRICAL ENGINEERING” (NCEVT’12). April 2012.</p>  |   |
| <p>Stability Enhancement of HVDC System Using Fuzzy Based STATCOM” International Conference on Power and Energy Systems (2012 AASRI Conference on Power and Energy Systems, Published by Elsevier B.V. Selection and/or peer review under responsibility of American Applied Science Research Institute) on 4<sup>th</sup> -5th Sep 2012, Hang Kong.<br/><a href="https://reader.elsevier.com/reader/sd/pii/S2212671612001357?token=A0603210AADCBA03F3439347AC4D653D9167A863FEABA235EA873F0D37D4AD04F0CE9452721A68C87239843D9E59D2E1&amp;originRegion=eu-west-1&amp;originCreation=20220329110239">https://reader.elsevier.com/reader/sd/pii/S2212671612001357?token=A0603210AADCBA03F3439347AC4D653D9167A863FEABA235EA873F0D37D4AD04F0CE9452721A68C87239843D9E59D2E1&amp;originRegion=eu-west-1&amp;originCreation=20220329110239</a></p> | <p>ISSN: 22126716</p> <p><a href="https://doi.org/10.1016/j.aasri.2012.09.036">https://doi.org/10.1016/j.aasri.2012.09.036</a></p> <p>Published by Elsevier B.V</p>               |
| <p>“Enhancement of Power Transfer Capabilityof HVDC Transmission System Using Fuzzy Based Static Synchronous Series Compensator (SSSC)” International Conference on Paradigms in Engineering and Technology (ICPET2016). Methodist college of Engineering and Technology, abids, Hyderabad on 2nd -3rd March 2016.</p>   |   |
| <p>“maximum power point tracking using neural networks for grid connected photo voltaic system” International Conference on Paradigms in Engineering and Technology (ICPET2016). Methodist college of Engineering and Technology, abids, Hyderabad on 2nd -3rd March 2016.</p>   |   |
| <p>“Enhancement of Power Transfer Capability Of HVDC Transmission System using ANN Controller” International Conference on Paradigms in Engineering and Technology</p>   |   |



### Dr. RAMESH MARPU Detailed

|   |  |
|---|--|
| (ICPET2016), Methodist college of Engineering and Technology, abids, Hyderabad on 2nd - 3rd March 2016.   |  |
| “Power Flow Improvement in Transmission Lines Using UPFC” International Conference on Paradigms in Engineering and Technology (ICPET2016). Methodist college of Engineering and Technology, abids, Hyderabad on 2nd -3rd March 2016.                                  |  |
| “Performance Investigation of Fractional-Order PI based Unified Power Quality Conditioner” International Conference on Paradigms in Engineering and Technology (ICPET2016). Methodist college of Engineering and Technology, abids, Hyderabad on 2nd -3rd March 2016. |  |

**Impact of publications: [ Citations - 62; H - Index: 03; i10: index - 02]**

### PARTICIPATED FDP/WORKSHOP

|   |
|---|
| Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Faculty Development Program on Electric Vehicles from 18-01-2021 to 22-01-2021 at College of Engineering, Cherthala.  |
| Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Faculty Development Program on "Green Technology & Sustainability Engineering" from 15-02-2021 to 15-02-2021 at SREE VIDYANIKETHAN ENGINEERING  |
| Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Faculty Development Program on "Electrical & Computer Engineering" from 22-02-2021 to 26-02-2021 at MAHENDRA ENGINEERING COLLEGE AUTONOMOUS   |
| Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Faculty Development Program on Internet of Things (IoT)" from 15-03-2021 to 19-03-2021 at GOVERNMENT COLLEGE OF ENGINEERING.  |
| Participated & completed successfully Online Faculty Development Program on Real time Hard ware in the loop (HIL) Simulation for Power Electronics & power Systems organized by Department of Electrical and Electronics Engineering ANRUG University India from 27 <sup>th</sup> to 29 <sup>th</sup> May 2020.                           |
| Participated & completed successfully Online Faculty Development Program on Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-Vehicles organized by Department of Electrical and Electronics Engineering BAPATLA ENGINEERING COLLEGE India from 01/06/2020 to 05/06/ 2020. |
| Participated & completed successfully Online Faculty Development Program on IoT with Artificial Intelligence organized by Department of Electrical and Electronics Engineering CR REDDY COLLEGE OF ENGINEERING Eluru, AP, India from 27/05/2020 to 29/05/ 2020.   |

### **Dr. RAMESH MARPU Detailed**

|   |
|---|
| Participated & completed successfully Online Short Term Training Program on MATLAB Based Teaching learning in Mathematics, Science & Engineering organized by Department of Electronics Engineering Ramrao Adik Institute of Technology Nerul, Navi, Mumbai, India from 18/05/2020 to 22/05/ 2020.  |
| Participated & completed successfully Two-Week Online Faculty Development Program on Research Opportunities in Electrical Engineering organized by Department of Electrical and Electronics Engineering GOVERNMENT COLLEGE OF ENGINEERING, KARAD, India from 07/05/2020 to 16/05/ 2020              |
| Participated & completed successfully Online Faculty Development Program on Modern Trends in Electrical Engineering organized by Department of Electrical and Electronics Engineering, Nagpur Institute of Technology and Institute of Engineers, Nagpur, India from 07/19/05/2020 to 23/05/ 2020   |
| Participated & completed successfully one Week Online Faculty Development Program on Arduino organized by Prakasam Engineering College in Association with IIT-Bombay funded by National Mission on Education through ICT, MHRD from 20/05/2020 to 25/05/ 2020                                      |
| Participated Webinar on Machine Learning & its Application in Electrical Engineering organized by Department of Electrical and Electronics Engineering and Institute of Engineers (India) (IEI) Student Chapter, VNR&VJIT, TS on 30 <sup>th</sup> May 2020.   |
| Participated Webinar on Artificial Intelligence & its Application in Electrical Distribution System organized by Department of Electrical and Electronics Engineering and Institute of Engineers (India) (IEI) Student Chapter, VNR&VJIT, TS on 28 <sup>th</sup> May 2020.                          |
| Participated Webinar on Resonance Converters & Their Application in EV Charging organized by Department of Electrical and Electronics Engineering and Institute of Engineers (India) (IEI) Student Chapter, VNR&VJIT, TS on 29 <sup>th</sup> May 2020.  |
| Participated Webinar on Electric Mobility-History and Technology organized by Department of Electrical and Electronics Engineering, JBIT, TS on 22 <sup>th</sup> May 2020.  |
| Participated Online National Seminar on Importance of Infrastructure and Learning Resources in the Revised Accreditation framework (RAF) NAAC organized by Internal Quality Assurance cell on 06 <sup>th</sup> June 2020. Sponsor by the university Grant Commission (UGC) Under Paramarsha Scheme. |
| Participated & completed successfully Online Course on Introduction to ARTIFICIAL INTELLIGENCE by NPTEL&TCS ION from 09/03/2020 to 10/05/ 2020  |
| Successfully Completed Online Course on ELECTRIC POWER SYSTEM by University at Buffalo and the State University of New York and offered through Coursera from 10/02/2020 to 11/05/ 2020   |
| Successfully Completed Online Course on Energy Enterprise by University at Buffalo and the State University of New York and offered through Coursera from 10/02/2020 to 11/05/ 2020   |
| Participated & completed successfully Online Five Day Faculty Development Program on Trends in Electrical Engineering organized by Department of Electrical and Electronics Engineering, Vishnu Institute of Technology, Bhimavaram 08/06/2020 to 12/06/ 2020.                                      |
| Participated & completed successfully One Week Online Faculty Development Program on Implementation and   |

## **Dr. RAMESH MARPU Detailed**

|  |
|--|
| Simulation of Electrical Engineering Applications using PLECS Tool organized by Department of Electrical and Electronics Engineering With Association With PLEXIM ,Switzerland , Vaadgevi College of Engineering , Warangal 25/05/2020 to 29/05/ 2020. |
| Participated & completed successfully 5- Day work shop on Introduction to electrical power engineering (IUCEE-09) Conducted by ISTE and Infosys, Mysore. From 06 <sup>th</sup> -10 <sup>th</sup> July'09.  |
| Participated & completed successfully 5-day workshop on “Impact teaching skills conducted by Wipro Technologies at BVRIT, Hyderabad. (MISSION10X).   |
| Participated & completed successfully Attended 3-day national power system conference (NPSC-2010) from 15 <sup>th</sup> –17 <sup>th</sup> DEC-2010 conducted by Osmania University, Hyderabad.   |
| Participated & completed successfully Attended 1 day Tutorial on Virtual High Voltage Laboratory conducted by JNTUH College of Engineering (Autonomous),Hyd  |
| Participated & completed successfully Attended 2-day National level workshop on “ NCES conducted by BVRIT College of Engineering, Narsapur, A.P.2004   |
| Participated & completed successfully Attended 1-day workshop on “Faculty Development Program on Quality Education” Conducted by UGC-ACADEMIC STAFF COLLEGE JNTUH Kukatpally, Hyderabad  |
| Participated & completed successfully one week technical workshop on “ design and analysis of photo voltaic power system” during 12-18 Feb 2016, MCET, HYD   |

### **REFERENCES:**

1. Dr.A. Jayalaxmi, Professor in EEE Dept, JNTUH, Kukatpally, Hyderabad
2. Dr. G.N Srinivas, Vice Principal, JNTUH, Kukatpally, Hyderabad
3. Dr.Anji Reddy, Professor in CIVIL Dept, JNTUH, Kukatpally, Hyderabad
4. Dr.Mangu, HOD, Osmania University, Hyderabad

**Dr.Ramesh Marpu**