

<b>Name of the Faculty</b>	Ravindrakumar Yadav
<b>Designation</b>	Assistant Professor
<b>Email id</b>	<a href="mailto:ravindrayadav.ec@bitseducampus.ac.in">ravindrayadav.ec@bitseducampus.ac.in</a>
<b>contact number</b>	9824797492
<b>Total Experience</b>	26 Years
<b>Teaching (years,months)</b>	21 Years
<b>Industry (years, months)</b>	6 Years
<b>Professional Summary</b>	<ul style="list-style-type: none"> <li>• Bureau of Energy Efficiency, Ministry of Power, Government of India, Certified Energy Efficiency Professional</li> <li>• Member – Institute of Engineers</li> <li>• Member IEEE</li> <li>• Member Quality Council of India</li> <li>• Chartered Engineer by Royal Chartered</li> <li>• Life member SESI</li> <li>• Life member IAEng</li> <li>• Life member EAI</li> <li>• Life member CEGR</li> <li>• Fellow of AIPC</li> <li>• Institute NAAC Coordinator</li> </ul>
<b>Current Activities</b>	<ul style="list-style-type: none"> <li>• Working as Assistant Professor in Electrical Engineering Department</li> <li>• Member – Board of Governing Council</li> <li>• Liaison – Coordinator of AICTE Approval</li> <li>• Departmental NBA Liaison Coordinator</li> <li>• Technical Expert- Electrical Designing – Expansion</li> </ul>
<b>Specialization Areas</b>	<ul style="list-style-type: none"> <li>• Power System – Electrical Engineering</li> </ul>
<b>Subject Taught (UG/PG)</b>	<ul style="list-style-type: none"> <li>• Electrical Machine</li> <li>• Commissioning and Testing Of Electrical Machine</li> <li>• Switch Gear and Protection</li> <li>• Energy Conservation and Audit</li> </ul>
<b>Qualifications</b>	M. Tech., Ph.D. Pursuing
<b>Skills</b>	<ul style="list-style-type: none"> <li>• Bureau of Energy Efficiency, Ministry of Power , Government of India, Certified Energy Efficiency Professional</li> <li>• Perform Energy Audit – Conservation Activity</li> </ul>
<b>Achievements</b>	<ul style="list-style-type: none"> <li>• Chartered Engineers</li> <li>• Executive Council Member – Gujarat State Centre- Institute of Engineers (2014-16,2016-18,2018-20)</li> <li>• Member - Governing Board for Centre for Continuous Education &amp; Skill</li> </ul>

#### Development (CCESD)

- Reviewer Conference Proceedings
- Reviewer in Springer Series B Journal
- National Coordinator – All India Seminar 2017 – Gujarat State, IEI
- National Coordinator - All India Seminar 2019 – BVM and GSIEI
- Technical Committee member – TEQIP II – FDP –BVM, V V Nagar
- Technical Committee member – STTP - SKECT, Surat
- Member (1999-2005) GVQ, Department of Labour, Department of Training and Employment
- Invited for Memorial Lecture at Institution of Engineers, Gujarat state centre 2016
- Invited for Memorial Lecture at Institution of Engineers, Gujarat state centre 2017
- Invited for Memorial Lecture at Institution of Engineers, Gujarat state centre 2019 on 1<sup>st</sup> December at Bhaikaka Bhvan,
- Delivered Expert talk in STTP, Birla Vishwakarma Mahavidyalaya Engineering College
- Energy Consultant at Muljibhai Patel Urological Hospital, DE&T, Lambhvel Temple Committee for period of 2000-2009
- Copy right of Book published with ISBN

#### **Research Project**

**Publications**

1. Pre Print of titled ***“Rural Electrification: Practical exposition of Hybrid Solar PV-Wind for Grid Integrated Power Systems in India”*** is accepted to publish in Scopus, Elsevier and UGC Care listed journal **‘International Journal of Engineering and Advanced Technology (IJEAT)’** that (ISSN: 2249- 8958) will publish at **Volume-9 Issue-2, December 2019** in Regular Issue on **30 December 2019**. It will be available live at <http://www.ijeat.org/download/volume-9-issue-2/>
2. Published a research article on ***“Renewable Energy: Distributed Generation And Microgrid In Rural Area”*** in UGC Approved journal IJRAR - International Journal of Research and Analytical Reviews, Volume 6 Issue 3, Pages 336-339 Publisher E-ISSN 2348-1269, P-ISSN 2349-5138 : Publication date **April 2019**
3. Published a research article on ***“Distributed Generation In India: A Review”*** in UGC Approved journal IJRAR - International Journal of Research and Analytical Reviews, Volume 6 Issue 1, Pages 438-445 Publisher E-ISSN 2348-1269, P-ISSN 2349-5138 : Publication date **February 2019**
- 4.
5. Published a research paper on ***“Energy Management of Distributed Generation in Micro Grid System in”*** Journal of Applied Science and Computations” (UGC Approved ) in Volume 5, Issue 1, Pages : 641-643 **November 2018**
6. Published a research paper on ***“Rural Electrification through Mini grids in India: Evaluation of Generation”*** in JASC (UGC Approved): Journal of Applied Science and Computations ISSN NO: 1076-5131 Volume 5, Issue 11 page No: 645-648 **November 2018**
7. Published a research paper on ***“Rural India : Energy Conservation with tools of Audit and Planning*** in JASC: Journal of Applied Science and Computations ( UGC Approved ) ; ISSN NO: 1076-5131 5, Issue 11, November/2018 page no: 649-651
8. Published a research paper on ***“Recent Challenges and Opportunities of Electrical Generation and Distribution in Rural Area of India”*** in Scopus Indexed IEEE approved and sponsored 2018 International Conference on Current Trends towards Converging Technologies (ICCTCT) on 01-Jun 2018
9. Published a research paper on ***“Power Loss Decomposition Technique in Deregulated Electrical Market for Effective Power System Operation”*** in 2018 IEEE Approved Scopus Indexed International Conference on Current Trends towards Converging Technologies (ICCTCT) 2018 Jul-14
10. Published a research paper on ***“An Investigative and Comprehensive Study about Deregulation (Restructuring) of Indian Power Market”*** in Scopus Indexed Indonesian Journal of Electrical Engineering and Informatics (IJEI) Volume 5 on 22-Feb 2017
11. Published a research paper on ***“Novel Concept of Member owned Distributed Generation and Distribution Electric Co operatives for Rural Electrification in India”*** in International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017) IEEE Sponsored Madras Section - 978-1-5386-1887-5/17/\$31.00 ©2017 IEEE 269-273 2017 IEEE Catalogue (ISBN): Xplore Compliant - CFP17M55-ART - 978-1-5386-1887-5
12. Published a research paper on ***“A investigative Study about Restructuring of Indian Power Market”*** in International Journal For Research In Applied Science And Engineering Technology ISSN: 2321-9653, Volume 4, Issue VIII, Pages 420-425 in Year 2016
13. Published a research paper on ***“An investigative Study about Deregulation (Restructuring) of Indian Power Sector”*** in Journal of International Journal For Innovative Research In Multidisciplinary Field Volume 2, Issue 8, Pages : 129-134 2016
14. Published a research paper on ***“A Comprehensive Study about Deregulation of Indian***

	<p><i>Power Sector</i>” in Journal of <i>International Journal for Scientific Research &amp; Development, Volume 4 issue 6 and page no: 321-325 in 2016</i></p> <p>15. Published a research paper on <i>“Restructured Power System - A Comprehensive study of Gujarat State”</i> in 2016</p> <p>16. Published a research paper on <i>“A Novel Approach Towards Strengthening and Efficient Rural Electrification Program in the Field of Distribution and Distributed Generation with Inclusion of Cooperative Sector in the Deregulated Electricity Market Of India”</i> in 2016</p> <p>17. Published a research paper on <i>“Dynamic Modeling, Analysis And Simulation Of Distributed Generation System With Fact Devices -Svc And Statcom”</i> in International Conference On Computing , Communication , Electrical, Electronics , Devices And Signal processing” in 2015 Conference Supported By IEEE ,Elsevier, Springer, Wiley, Discovery, IGIglobal</p> <p>18. Published a research paper on <i>“A Comprehensive Study about Deregulation of Indian Power Sector”</i> in year 2015 for Journal</p> <p>19. Published a research paper on <i>“The Scope of Wind Power Production in Gujarat State”</i> 2008</p> <p>20. Published a research paper on <i>“A Comparative Study of Numerical Relay Algorithms”</i> International Conference on Emerging technologies and Applications in Engineering, Technology and Sciences” .- 2, Vol-II, ISBN: 978-81-906220-1-1, Page No-1650 to1654, 2008</p> <p>21. Published a research paper on <i>“Automatic Power Generation Control And Simulation”</i> in 2008</p> <p>22. Published a research paper on <i>“Design optimization of 25 KVA Distribution transformer”</i> in <b>ADIT journal of Engineering</b> , Volume 5 in Dec-2008</p> <p>23. Published a research paper on <i>“Mathematical Model of DC Machine for Dynamic Analysis and Simulation”</i> presented at <i>National Conference on Innovations &amp; Applications of Mathematical Modeling Techniques in Engineering System approved by IEEE 2008</i></p> <p>24. Published a research paper on <i>“Automatic Power Generation Control And Simulation”</i> in 2007</p> <p>25. Published a research paper on <i>“Biodiesel is an alternative fuel”</i> , Page No-175 to 178: A National Registered Researched Journal, Volume 6, Issue 42, Page No-175 to 178, year 2007</p> <p>26. Published a research paper on <i>“Biodiesel-Production from vegetable oils”</i> in Journal of Engineering and Technology 2007 : page no.114 to 117.(2007) published by <b>Sardar Patel University</b></p> <p>27. Published a research paper on <i>“Automatic Power Generation Control and Simulation”</i> Proceedings of IEEE Conference on Power Systems on 01-May 2006</p> <p>28. Published a book titled, <i>“ Restructured Power System- A comprehensive study of Gujarat State”</i> ISBN: 978-93-5291-101-1</p>
<b>Activities and honours</b>	<ul style="list-style-type: none"> <li>• Awarded by <b>“Distinguished Alumni Award of IEI”</b> by Alumni Association – IEI on 11<sup>th</sup> June 2017</li> </ul>

<b>Grant Received</b>	
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