

<b>Name of the Faculty</b>	Ravindrakumar Yadav
<b>Designation</b>	Assistant Professor
<b>Email id</b>	<a href="mailto:ravindrayadav.ee@bitseducampus.ac.in">ravindrayadav.ee@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>• Associate Member – Institute of Engineers</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> </ul>
<b>Current Activities</b>	<ul style="list-style-type: none"> <li>• Working as Assistant Professor in Electrical Engineering Department,</li> <li>• Liaison – Coordinator of AICTE Approval</li> <li>• Technical Expert- Electrical Designing – Expansion</li> </ul>
<b>Specialization Areas</b>	Power System – Electrical Engineering
<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 Development (CCESD)</li> </ul>
<b>Research Project</b>	

Publications	<ol style="list-style-type: none"> <li>1. Published a research paper on <b><i>“Energy Management of Distributed Generation in Micro Grid System in”</i></b> <b>Journal of Applied Science and Computations</b>” (UGC Approved ) in Volume 5, Issue 1, Pages : 641-643 <b>November 2018</b></li> <li>2. Published a research paper on <b><i>“Rural Electrification through Mini grids in India: Evaluation of Generation”</i></b> in <b>JASC (UGC Approved): Journal of Applied Science and Computations</b> ISSN NO: 1076-5131 Volume 5, Issue 11 page No: 645-648 <b>November 2018</b></li> <li>3. Published a research paper on <b><i>“Rural India : Energy Conservation with tools of Audit and Planning</i></b> in <b>JASC: Journal of Applied Science and Computations ( UGC Approved) ;</b> ISSN NO: 1076-5131 5, Issue 11, November/2018 page no: 649-651</li> <li>4. Published a research paper on <b><i>“Recent Challenges and Opportunities of Electrical Generation and Distribution in Rural Area of India”</i></b> in <b>Scopus Indexed IEEE approved and sponsored 2018 International Conference on Current Trends towards Converging Technologies (ICCTCT)</b> on 01-Jun 2018</li> <li>5. Published a research paper on <b><i>“Power Loss Decomposition Technique in Deregulated Electrical Market for Effective Power System Operation”</i></b> in <b>2018 IEEE Approved Scopus Indexed International Conference on Current Trends towards Converging Technologies (ICCTCT) 2018 Jul-14</b></li> <li>6. Published a research paper on <b><i>“An Investigative and Comprehensive Study about Deregulation (Restructuring) of Indian Power Market”</i></b> in <b>Scopus Indexed Indonesian Journal of Electrical Engineering and Informatics (IJEI)</b> Volume 5 on 22-Feb 2017</li> <li>7. Published a research paper on <b><i>“Novel Concept of Member owned Distributed Generation and Distribution Electric Co operatives for Rural Electrification in India”</i></b> in <b>International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017) IEEE Sponsored Madras Section - 978-1-5386-1887-5/17/\$31.00 Â©2017 IEEE 269-273 2017 IEEE Catalogue (ISBN): Xplore Compliant - CFP17M55-ART - 978-1-5386-1887-5</b></li> <li>8. Published a research paper on <b><i>“A investigative Study about Restructuring of Indian Power Market”</i></b> in <b>International Journal For Research In Applied Science And Engineering Technology</b> ISSN: 2321-9653, Volume 4, Issue VIII, Pages 420-425 in Year 2016</li> <li>9. Published a research paper on <b><i>“An investigative Study about Deregulation (Restructuring) of Indian Power Sector”</i></b> in <b>Journal of International Journal For Innovative Research In Multidisciplinary Field</b> Volume 2, Issue 8, Pages : 129-134 2016</li> <li>10. Published a research paper on <b><i>“A Comprehensive Study about Deregulation of Indian Power Sector”</i></b> in <b>Journal of International Journal for Scientific Research &amp; Development, Volume 4 issue 6 and page no: 321-325 in 2016</b></li> <li>11. Published a research paper on <b><i>“Restructured Power System - A Comprehensive study of Gujarat State”</i></b> in 2016</li> <li>12. Published a research paper on <b><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></b> in 2016</li> <li>13. Published a research paper on <b><i>“Dynamic Modeling, Analysis And Simulation Of Distributed Generation System With Fact Devices -Svc And Statcom”</i></b> in <b>International Conference On Computing , Communication , Electrical, Electronics , Devices And Signal processing</b> in 2015 Conference Supported By IEEE ,Elsevier, Springer, Wiley, Discovery,</li> </ol>
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	<p>IGiGlobal</p> <ol style="list-style-type: none"> <li>14. Published a research paper on <b><i>“A Comprehensive Study about Deregulation of Indian Power Sector”</i></b> in year 2015 for Journal</li> <li>15. Published a research paper on <b><i>“The Scope of Wind Power Production in Gujarat State”</i></b> 2008</li> <li>16. Published a research paper on <b><i>“A Comparative Study of Numerical Relay Algorithms”</i></b> 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</li> <li>17. Published a research paper on <b><i>“Automatic Power Generation Control And Simulation”</i></b> in 2008</li> <li>18. Published a research paper on <b><i>“Design optimization of 25 KVA Distribution transformer”</i></b> in <b>ADIT journal of Engineering</b> , Volume 5 in Dec-2008</li> <li>19. Published a research paper on <b><i>“Mathematical Model of DC Machine for Dynamic Analysis and Simulation”</i></b> presented at <b><i>National Conference on Innovations &amp; Applications of Mathematical Modeling Techniques in Engineering System approved by IEEE 2008</i></b></li> <li>20. Published a research paper on <b><i>“Automatic Power Generation Control And Simulation”</i></b> in 2007</li> <li>21. Published a research paper on <b><i>“Biodiesel is an alternative fuel”</i></b> , Page No-175 to 178: A National Registered Researched Journal, Volume 6, Issue 42, Page No-175 to 178, year 2007</li> <li>22. Published a research paper on <b><i>“Biodiesel-Production from vegetable oils”</i></b> in Journal of Engineering and Technology 2007 : page no.114 to 117.(2007) published by <b><i>Sardar Patel University</i></b></li> <li>23. Published a research paper on <b><i>“Automatic Power Generation Control and Simulation”</i></b> Proceedings of IEEE Conference on Power Systems on 01-May 2006</li> <li>24. Published a book titled, <b><i>“Restructured Power System- A comprehensive study of Gujarat State”</i></b> ISBN: 978-93-5291-101-1</li> </ol>
<b>Activities and honours</b>	<ul style="list-style-type: none"> <li>• Awarded by <b><i>“Distinguished Alumni Award of IEI”</i></b> by Alumni Association – IEI on 11<sup>th</sup> June 2017</li> </ul>
<b>Grant Received</b>	