


## FACULTY PROFILE

<b>Name</b>	<b>:</b>	<b>Mr.Mahantesh L. Chikkadesai</b>	
<b>Designation</b>	<b>:</b>	<b>Assistant Professor</b>	
<b>Department</b>	<b>:</b>	<b>Electrical and Electronics Engineering</b>	
<b>Employee ID</b>	<b>:</b>	<b>TEE593</b>	
<b>E mail ID</b>	<b>:</b>	<b>mlcdesai18@gmail.com</b>	
<b>Contact details</b>	<b>:</b>	<b>“MahanthaChetana”, Plot no:126, Vinayak Nagar, Hulyal Layout, Bagalkote-587101</b>	
<b>Orcid ID</b>	<b>:</b>	<b>0000-0002-2091-4219</b>	
<b>Scopus ID</b>	<b>:</b>	<a href="https://orcid.org/57215546608">57215546608</a>	
<b>Vidwan Id</b>	<b>:</b>	<b>124985</b>	
<b>Researcher ID (Web of Science)</b>	<b>:</b>	<b>IZD-9745-2023</b>	
<b>Google Scholar ID</b>	<b>:</b>	<b>u4D4fQMAAAAJ</b>	
<b>Qualification</b>	<b>:</b>	<b>B.E., M.Tech</b>	
<b>Professional Experience</b>	<b>:</b>	<b>01</b>	
Teaching experience	<b>:</b>	<b>--</b>	
Industry experience	<b>:</b>	<b>--</b>	
<b>Administrative Responsibilities</b>	<b>:</b>	<ul style="list-style-type: none"> <li>• <b>Global Ambassador of IEEE Power and Energy Society Humanitarian Activity Committee (PES-HAC) Congress 2023.</b></li> <li>• <b>EXECOM Member IEEE Young Professional Affinity group, Bangalore-2021-2022</b></li> <li>• <b>Chair-BEC IEEE PES SC-2020-21</b></li> </ul>	
<b>Teaching</b>	<b>:</b>	<b>04 years (Teaching Assistant)</b>	
<b>No. of Projects Guided</b>	<b>:</b>	<b>--</b>	
UG	<b>:</b>	<b>--</b>	

PG		
<b>Research Interest Area</b>	:	<b>* Wind Energy Conversion * Solar Energy Conversion * Demand Side Management * Renewable Energy Sources * Smart microgrids</b>
<b>No. of Research Scholars Pursuing</b>	:	--
<b>Awarded</b>	:	--
<b>Patents</b>	:	--
<b>Research Grants</b>	:	--
<b>Publications Books/Chapters</b>	:	--
<b>Journals (with citations)</b>	:	--
<b>Conferences</b>	:	<ol style="list-style-type: none"> <li>1. <b>MahanteshChikkadesai, D. Allu and G. D. Kamalapur, "Comparative Analysis of TCSC and STATCOM in Power System,"</b> 2018 International Conference on Electrical, Electronics, Communication, Computer, and Optimization Techniques (ICEECCOT), Mysuru, India, 2018, pp. 185-190, doi: 10.1109/ICEECCOT43722.2018.9001544. <b>Technical Papers Presented in National Conferences:</b></li> <li>1. <b>MahanteshChikkadesai, G. D. Kamalapur, " Study of Static Synchronous Compensator in Power system network,"</b> Third National Conference on Power System Engineering -2017, SDMCET, Dharwad, India</li> </ol>
<b>Invited Talks</b>	:	--
<b>Events Organized</b>	:	1. National Conservation day celebration (public awareness program) and technical talk on "Energy Conservation" by Dr. Basangouda Ronad on 14th December 2023 in BEC Bagalkote.
<b>Conferences/Symposiums/Workshops/Training Programs Attended</b>	:	<p><b>Conference/Symposium Attended/Paper presented:</b></p> <ol style="list-style-type: none"> <li>1. Participated in two-day National Symposium on "Emerging Trends in Smart Systems" held on 08<sup>th</sup> &amp; 09<sup>th</sup> September 2023, organized by Basaveshwar Engineering College, Bagalkote.</li> <li>2. Participated in the "IEEE Authorship and Open Access Symposium: Tips and Best Practices to Get Published from IEEE Editors" held on 01 September 2023, organized by IEEE Explore Team.</li> <li>3. Participated in the "International Symposium on Artificial Intelligence and Machine Learning-2022" held on 21<sup>st</sup> &amp; 22<sup>nd</sup> September 2022, organized by The Aeronautical Society of India, Bangalore Section and INCOSE India.</li> <li>4. Participated in "IEEE International Conference on Power System Technology", <b>POWERCON-2020</b>, held virtually during September 14-16, 2020.</li> <li>5. Participated and presented technical paper in <b>Third International Conference Electrical, Electronics, Communication, Computers and Optimization Techniques (ICEECCOT-2018) on 14<sup>th</sup> -15<sup>th</sup> December 2018</b> in GSSS Institute of Engineering &amp; Technology for Women, Mysuru. Title of the paper presented: <b>Comparative Analysis of TCSC and STATCOM in Power System</b> Electronic ISBN: 978-1-5386-5130-8, DOI: <a href="https://doi.org/10.1109/ICEECCOT43722.2018.9001544">10.1109/ICEECCOT43722.2018.9001544</a></li> <li>6. <b>Student co-ordinator of Third National Conference on Power System Engineering -2017, SDMCET, Dharwad</b> and presented a paper on 28 April 2017. Title of the paper presented: "Study of Static Synchronous Compensator in Power system network"</li> <li>7. Participated in <b>Paper presentation</b> and awarded 2<sup>nd</sup> prize conducted during "TANTROTSAV-15" a National level technical fest held at Angadi Institute of technology, Belagavi. Title of the paper presented: <b>High Impedence Fault Detection in Distributed System under Distribute Generation.</b></li> <li>8. Participated in <b>Paper presentation</b> conducted during "PLEIADES 2014" a National level technical fest held at B.V. Bhoomaraddi College of engineering and technology, Hubli.</li> </ol>

Title of the paper presented: **Sub Atomic Particles and Developments in CERN**

**Courses/FDP/Workshop/ Training Programs:**

**IIT/NIT/Other Institutes:**

1. 09.08.2021 to 13.08.2021, Completed AICTE Training And Learning (ATAL) Academy online FDP on "Challenges and Control of Green and Sustainable Energy systems using Artificial Intelligence techniques" organized by BVRIT HYDERABAD College of Engineering for Women.
2. 07.12.2020 to 11.12.2020, Participated in AICTE Training And Learning (ATAL) Academy online FDP on "Energy Engineering" organized by Global Academy of Technology.
3. 09.11.2020 to 13.11.2020, Completed AICTE training and Learning (ATAL) Academy FDP on "Artificial Intelligence" at National Institute of Technology, Calicut.
4. 01.06.2020 to 03.06.2020, Participated in online National Three Day Faculty Development Program on "Embedding Research & Development in Academic Environment" organized by the Department of Electrical and Electronics Engineering , Sir M. Visvesvaraya Institute of Technology, Bangalore-562157
5. 03.01.2020 to 12.01.2020, Participated in ten days workshop on "Research Methodology" organized by VTU Human Resource Development Centre (VTU-HRDC), centre for PG studies, Muddenahalli, Chikkaballapur.
6. 01.05.2019 to 31.12.2019, Completed an online course on "Hands-on training on Solar Study Lamp Assembly", recognized by Skill Council for Green Jobs, offered by IIT BombayX, an online learning initiative of Indian Institute of Technology, Bombay. Certificate link: <https://certificate.iitbombayx.in/downloads/fac05ab1526341cf9b3ed7c0aedd8fec/Certificate.pdf>
7. 11.10.2019 to 12.10.2019, Participated in 2 days workshop on "Soft tools for researchers to enhance research productivity" in BEC Bagalkot.
8. 22.07.2019 to 26.07.2019, Attended 5 day workshop on "Electric vehicle-Electric machine drives, Power converters and latest technologies" organized by Electrical and Electronics Department, Basaveshwar Engineering College, Bagalkot.
9. 16-03-2017, Participated in one day Workshop on "Artificial Intelligence Applications to Power System" organized by EEE dept. SDMCET, Dharwad
10. 03.10.2016 to 05.10.2016, Participated in three days national workshop on "Prominence of Photovoltaic (PV) systems in green energy development" organized by EEE dept. SDMCET, Dharwad.
11. 21.03.2016 to 01.04.2016, Participated in the course on "Power Converters for Alternative Energy Sources" Under Gian and MHRD, Govt. of India conducted by NIT Goa.
12. 23.02.2015 to 25.02.2015, Participated in the training programme conducted on "Applications of PLCs in Industrial Automation", organized by KLE Technological University (B. V. Bhoomaraddi College of engineering and technology) Hubli.

**NPTEL/SWAYAM:**

1. **Jul-Sep 2022** (8-week course) completed **NPTEL course by IIT Roorkee** on "**Introduction to Smart Grid**" with a consolidated score of 64%. Certificate link: <https://internalapp.nptel.ac.in/NOC/NOC22/SEM2/Ecertificates/108/noc22ee82/Course/NPTEL22EE82S1473001709039976.jpg>
2. **Sep-Nov 2020** (8-week course) completed **NPTEL course by IIT Roorkee** on "**DC Microgrid and Control System**" with a consolidated score of 70%. Certificate link: <https://internalapp.nptel.ac.in/NOC/NOC20/SEM2/Ecertificates/108/noc20ee84/Course/NPTEL20EE84S31120021099796.jpg>

**Coursera:**

1. **07.07.2022** Completed online course on "**Equivalent Circuit Cell Model Simulation**" authorised by **University of Colorado Boulder and University of Colorado System** and offered through Coursera. Verify at:

<https://www.coursera.org/account/accomplishments/certificate/ST5S7MT9R2PT>

2. **02.06.2022** Completed online course on “**Wind Energy**” authorised by **Technical University of Denmark (DTU)** and offered through Coursera. Verify at: <https://www.coursera.org/account/accomplishments/certificate/EH3GECEQ98HG>
3. **27.04.2020** Completed online course on “**Electric Power Systems**” authorised by **University at Buffalo and The State University of New York** and offered through Coursera. Verify at: <https://www.coursera.org/account/accomplishments/verify/K9NEBPW7NB8J>

#### **Udemy:**

1. **05.05.2020** Completed online course on “**Optimization problems and algorithms**” by Prof. SeyedaliMirjalili from Udemy. Certificate URL: <https://www.udemy.com/certificate/UC-69dde962-c839-4c56-955bb6f7b45aea64/>
2. **16.04.2020** Completed online course on “**Mastering Energy and Power System Optimization in GAMS**” from Udemy. Certificate URL: <https://www.udemy.com/certificate/UC-e9999e82-975f-4c5c-8851-0be6b7c7de59/>

#### **Other Online Platforms:**

1. **18, 19, 25-09-2021**, Participated in the “**Career and Leadership Aid Program (CLAP)**” organized by IEEE Region 10 Young Professionals.
2. **16.11.2020**, Completed “**Is the electrical distribution ready for a revolution?**” from educational courses available through the IEEE eLearning Library and the IEEE Learning Network.
3. **03.06.2020**, Completed **MATALB Onramp** self-paced training course from <https://matlabacademy.mathworks.com/>
4. **20.05.2020**, Participated IEEE Bangalore Section Researchers Forum Online Workshop on “**IEEE Reference Management Tool for Research Articles and Thesis Writing**”, by IEEE Bangalore Section.
5. **15.05.2020**, Completed short course on “**Learn to Design your own Solar Home System**”, certificate has been awarded as part of Energy Literacy Drive of the Energy Swaraj Foundation. Honour code certificate No.: SWC1-1250, <http://energyswaraj.org/honor.php>
6. **13.05.2020**, Attended IEEE Bangalore section researcher’s forum online workshop on ‘**Free MOOC to Complement Engineering Education**’. Host: Dr. Abhishek Appaji, Chair IEEE Young Professionals, Bangalore section
7. **04.05.2020 to 09.05.2020**, Completed one week’s online training program on “**Hardware-In-Loop Simulation Technology in Electrical Engineering Domain**”, organized by Quarbz Info Systems, Kanpur & Typhoon HIL GmbH, Switzerland.
8. **02.05.2020**, Completed course module on “**Discover how metrics can boost funding and networking opportunities**” presented by Prof. Hans Zijlsra, offered by researchacademy.com
9. **02.05.2020**, Completed course module on “**Funding**” offered by researchacademy.com
10. **29.04.2020** Completed course module on “**Funding Hacks for Researchers**” presented by Christian DeFeo, Monik C. Jimenez, Richard Wilder, offered by researchacademy.com
11. **28.04.2020**, Completed “**Introduction to Sustainable Development**” from educational courses available through the IEEE eLearning Library and the IEEE Learning Network.
12. **26.04.2020**, Participated in virtual workshop on “**Effective Online Engineering Education Tips & Tricks**” organized by IEEE Young Professionals, Bangalore.
13. **09-04-2020**, Completed E-learning program on “**Machine Learning**” by Tata Steel Digie-Shala.
14. **06-04-2020**, Completed E-learning program on “**Power System Power Cables**” by Tata Steel Digie-Shala.

#### **Online Webinars and Meetings ATTENDED:**

1. **23.10.2021**, Attended webinar on “**Mathematical Modeling and Its Applications**” delivered by Prof.SanjeewaNishanthaPerera, Professor and Chair, HOD, Director, Research and

Development centre for Mathematical Modeling, University of Colombo, Srilanka organized by Department of Electrical and Electronics Engineering, Presidency University, Bengaluru-64.

2. **17.10.2021** Attended Webinar on “**Application of Artificial Intelligence in Electrical Power System**” by Dr. D. P. Kothari Sir, Ex. Director IIT Delhi, Ex. VC VIT Vellore, Ex. Principal VNIT Nagpur India on organized by All India Institute Industry Forum & Techno Vision Academy, ISO 9001:2015 Certified & Accredited by UASL England, UK.
3. **7 & 14.08.2021**, Participated in the “**Sparklers Summit 2021**” organized by IEEE Region 10 (Asia-Pacific) Young Professionals.
4. **03.08.2021**, Participated in moderate discussion with research and educational institutions-fireside chat with experts through online platform on the theme “**Research Opportunities in Wind Energy Technology**” under the category of Southern India (Andhra Pradesh, Karnataka, Kerala, Lakshadweep, Puducherry, Tamil Nadu and Telangana) to commemorate the 75 years of India's Independence (AzadikaAmritMahotsav) organized by National Institute of Wind Energy (NIWE) Chennai with the support of Ministry of New and Renewable Energy (MNRE) Government of India.
5. **30.10.2020**, Attended webinar, hands-on and open panel discussion session titled “**The beginning Era vs The future- Artificial Intelligence**” of MathWorks organized by IEEE India Council.
6. **30.09.2020**, Attended webinar on “**Scientific Writing for Journals**” organized by Springer Nature in collaboration with Visvesvaraya Technological University Consortium.
7. **01.09.2020**, Attended webinar on “**AWSAR (Augmented Writing Skills for Articulating Research) Popular Science Writing**” organized by the Department of Science Technology (DST), GoI and VigyanPrasar (VP).
8. **22.07.2020**, Participated in the Webinar on “**Energy Simulation for Energy Efficient Buildings**” organised by National Productivity Council of India (NPC). Certificate No :N490P20C256569W440.
9. **22.06.2020 to 26.06.2020**, Participated in webinar on “**Understanding Power System Simulation Concepts Through Case Studies**” organized by IEEE PES-IAS Chapter Delhi Section and PES India Chapters Council.
10. **24.06.2020**, Attended webinar on “**Organizing Literature for Effective Research**” organized by Department of Electronics and Communication Engineering Government Engineering College, Haveri.
11. **15.06.2020**, Attended webinar on “**Protective Switchgear-Impacts & Applications**” by Department of Electrical & Electronics Engineering, Basaveshwar Engineering College(A), Bagalkot in collaboration with dbson Universal Power Controls, Tumkuru.
12. **14.06.2020**, Attended webinar on “**Funded Research Projects: Success Practices and Opportunities**”. Host: SasikumarChandran, Founder, HumCen
13. **10.06.2020**, Participated in webinar on “**Financial Planning in Your Life and Beyond**” organized by Department of Electrical and Electronics Engineering, Sir M Visvesvaraya Technology, Bangalore-562157.
14. **08.06.2020**, Participated in webinar on “**Art and challenges of writing papers for IEEE Transactions**” as a part of IEEE Bangalore webinar- Learning Series organised by IEEE Bangalore Section.
15. **05.06.2020**, Attended webinar on “**Energy Conservation**” presented by Mr.G.Pandian, Joint Director, CPRI (BANGALORE) organized by Department of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli
16. **04.06.2020**, Participated in the webinar “**Relevance of IEEE Standards in Teaching, Learning and Industry Collaborations**”, organized by EBSCO Information Services India Pvt. Ltd. in collaboration with IEEE.
17. **30.05.2020**, Participated in National level **e-Quiz on electric Vehicles**, organized by the

		<p>department of E&amp;EE, BLDEA's V.P. Dr. P. G. Halakatti College of Engineering &amp; Technology, Vijayapur.</p> <ol style="list-style-type: none"> <li>18. <b>30.05.2020</b>, Participated in webinar on “<b>AI and Data Science</b>” organized by IEEE Circuits and Systems (CAS) society Bangalore Chapter in association with IEEE Bangalore Section.</li> <li>19. <b>28.05.2020</b>, Participated in webinar on “<b>Sizing of On-Grid, Off-Grid Solar PV System &amp; Solar Water Pumping</b>” organized by National Productivity Council under Ministry of Commerce &amp; Industry, GoI.</li> <li>20. <b>25.05.2020</b>, Attended webinar on “<b>Prominence of electric vehicle in smart grid</b>” organized by REVA University IEEE PES Student Branch Chaptr in collaboration with IEEE PES Bangalore Chapter.</li> <li>21. <b>03.05.2020</b>, Participated in World Intellectual Property Week-Quiz, organized by Institution's Innovation Council of Sri Sairam College of Engineering, Bengaluru</li> <li>22. <b>28.04.2020</b>, Participated in webinar on “<b>AI application in Electric Power Industry and Career Opportunities</b>” organized by IEEE Student Branch BMSIT&amp;M, Bangalore.</li> <li>23. <b>28.04.2020</b>, Participated in webinar on “<b>Discover ideas for your projects, research with IEEE Xplore</b>” organized by IEEE Bangalore Section. Speaker: Mr. Dhaukumar Pattanshetti</li> <li>24. <b>23.04.2020</b>, Attended webinar on “<b>The Story of Microgrids: Past, Present, and Future</b>” organized by HOMER Energy.</li> <li>25. <b>20.04.2020 18:00 – 20:30 Hrs</b>, Attended webinar on ‘<b>Writing a Competitive Research Grant Proposal</b>’, Cisco WebEx Webinar. Host: IEEE Bangalore Section; Speaker: Dr. Abhishek Appaji</li> <li>26. <b>13.04.2020 to 23.04.2020</b>, Participated in webinar series on “<b>Humanitarian Technologies</b>” organized by IEEE Bangalore Section.</li> </ol>
<b>Awards and Honors</b>	<b>and</b>	<b>:</b> <u>Scholarships:</u> <ol style="list-style-type: none"> <li>1. Research Assistantship received under TEQIP-III from Sep-2019 to May-2021 during Ph.D at Basaveshwar Engineering College Bagalkote</li> </ol>