

## FACULTY PROFILE

**Name :** Mr. Sunita S Tambakad



**Designation :** Assistant Professor  
**Department :** Electrical and Electronics Engineering  
**Employee ID :** 1-467219277  
**E mail ID :** sstee@becbgk.edu, sunita\_raj19@yahoo.co.in  
 (College official ID),  
 (Personal mail ID)

**Contact details :** Sunagad Building, First Floor, 3<sup>rd</sup> Cross, Vidyagiri, Bagalkot

**Vidwan Id :** 124991  
**Qualification :** B.E., M.Tech

**Professional Experience**  
 Teaching experience : 16  
 Industry experience :  
**Administrative Responsibilities :** QP Section Coordinator, Alumni Coordinator, BEC Ladies Hostel Warden

**Teaching :**  
**No. of Projects Guided**  
 UG : 20  
 PG : 10

**Journals (with citations) :**

1. Basavaraj Hugar, Sunita S Tambakad, "Implementation and Analysis of Standalone and Grid Connected Solar Photovoltaic System", E-ISSN:2278-179X, Journal of Environmental Science, Computer Science and Engineering & Technology, Sept-Nov 2013: Vol.2.No.4, 1262-1269.
2. Basaningappa I. Tilaganji, Sunita S Tambakad, "A Novel Nine Switch AC/AC Converter for Wind Turbine Driven Doubly Fed Induction Generator", e- ISSN: 2278-1676, p-ISSN: 2320-3331, IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE), Volume 6, Issue 1(May-June 2013), pp 54-61.

<b>Conferences</b>	:	<ol style="list-style-type: none"> <li>3. Farhanaz mehamood Mulla, Sunita S Tambakad, Ravindra G Patil “Energy Conservation through Lighting Audit – A Case study of Hostel Building”, Proceedings of 3<sup>rd</sup> International Conference on Recent Developments in Control, ISBN: 978-1-7281-2068-3, Automation and Power Engineering (RDCAPE-2019), 10<sup>th</sup>-11<sup>th</sup> Oct, 2019, AMITY University UP, Noida, India.</li> <li>4. Priyanka Mankale., Sunita Tambakad, “Operation of Diesel Power Plant”, Proceedings of 2nd National Conference on Advanced Technologies in Electrical and Electronic Systems, 17-18 Feb 2012, GIT Belgaum, Karnataka State, India.</li> <li>5. Vinuta Koluragi., Sunita Tambakad, “Implementation of SCADA in KPTCL”, Proceedings of 2nd National Conference on Advanced Technologies in Electrical and Electronic Systems, 17-18 Feb 2012, GIT Belgaum, Karnataka State, India.</li> <li>6. Sunita Tambakad, Doddamani, S. S., and Jangamshetti, S.H., “Identification of Optimum Turbine Parameters for Low Wind Speed Regimes”, Proceedings of the IASTED International Conference on Modeling, Simulation and Identification (MSI 2009), Beijing, China, October 12-14, 2009, pp 638-151</li> </ol>
<b>Events Organized</b>	:	<ol style="list-style-type: none"> <li>1. “Modeling and Simulation using MATLAB-SIMULINK for Electrical &amp; Electronics Engineers”, two-days workshop under Faculty Development Activity of BEC-TEQIP, BEC Bagalkot, 22-23 March 2008.</li> <li>2. “Advanced Topics in Power System Engineering”, one-day colloquium under Faculty Development Activity of BEC-TEQIP, BEC Bagalkot, 15 March 2008.</li> </ol>
<b>Conferences/ Symposiums/ Workshops/ Training Programs Attended</b>	:	<ol style="list-style-type: none"> <li>1. Two weeks online certification course on “Digital transformation in teaching Learning process”, from 14<sup>th</sup> Feb to 6<sup>th</sup> March, 2020, organized by NPIU and conducted by IIT Bombay on SWAYAM.</li> <li>2. Two Days TEQIP III Sponsored Workshop on “AICTE-Examination Reform Policy”, from 14<sup>th</sup> to 15<sup>th</sup> Feb 2020 at Basaveshwar Engg College, Bagalkot.</li> <li>3. One Day Workshop on “National Programme on Technology Enhanced Learning”, on 29<sup>th</sup> Nov 2019, by IIT Madras at Basaveshwar Engg College, Bagalkot.</li> <li>4. Two Days Workshop on “Soft Tools for Researchers to Enhance Research Productivity”, under TEQIP III, Jointly organized by Dept of Mechanical Engg and Dept of Industrial and Production Engineering. 11<sup>th</sup> &amp; 12<sup>th</sup> October 2019.</li> <li>5. TEQIP III sponsored One week Faculty Development Program on “Electrical Vehicle-Electric Machine Drives, Power Converters and Latest Technologies” from 22<sup>nd</sup> to 26<sup>th</sup> July 2019, organized by Dept of Electrical and Electronics Engg, at Basaveshwar Engg College, Bagalkot.</li> <li>6. Two days International Symposium on Green Technologies for Sustainable Development during 24<sup>th</sup> –25<sup>th</sup> February 2017, organized by BEC Bagalkot.</li> <li>7. Three days Management Development Programme “Enhancing Managerial Effectiveness” organized and conducted by Indian</li> </ol>

- Institute of Management Kozhikode 26th - 28th September 2016.
8. One Day Guest Lecture on “ISRO Satellite Remote Sensing Based Societal Applications on the Web”, 9<sup>th</sup> sept 2016, organized by Department of CSE and Management studies.
  9. Two Days Workshop on “ Electronic System Design and Manufacturing”, organized by CSI-Bangalore Chapter, CLIK, GoK-Dept. of IT & BT and BEC at Basaveshwar Enggg College, Bagalkot, from 29<sup>th</sup> to 30<sup>th</sup> March 2016.
  10. One day workshop on “Outcome based Education”, on 18th December 2015, organized under TEQIP-II, at BEC Bagalkot.
  11. Young Researchers Meet, on 5 th December 2015, organized by IEEE PES Chapter Bengaluru and BEC Bagalkot.
  12. Three Days Faculty Development Programme organized by Teaching Learning Centre, IIT Madras from 12<sup>th</sup> to 14<sup>th</sup> Oct 2015
  13. Two days National Symposium on “Sustainable Energy Technologies for Academic Campuses”, during 5th –6 th June 2015, organized by EEED, BEC Bagalkot.
  14. One week short term course on “Emerging R & D in Wind Energy Conversion-Present and Future Challenges”, during 21st to 26th July 2014, organized by EEED, BEC Bagalkot.
  15. Two Days Workshop on “Effective Leadership for Excellence” organized by International Academy for Competency Enhancement, Bangalore, from 6<sup>th</sup> & 7<sup>th</sup> Feb 2014, at BEC.
  16. Two days national workshop on “Sustainable Innovation-An end to end Approach”, during 29th -30th January 2014, organized by EEED, BEC Bagalkot.
  17. Three Days Workshop on “Wind Power Generation”, organized under TEQIP-II from 26<sup>th</sup> to 28<sup>th</sup> Aug 2013 by Dept of EEE, Siddhartha Institute of Technology, Tumkur.
  18. Three days 9th Karnataka Science Congress-Kannada Vijnana Sammelana, during 15th - 17th September 2013, organized by University of Horticulture Sciences, Bagalkot.
  19. Two days workshop on Awareness and Applications of Mipower Software, during 21st - 22nd October 2010, jointly organized by PRDC Bangalore and Department of E&EE, Basaveshwar Engineering College, Bagalkot.
  20. International Conference on Modeling, Simulation and Identification (MSI 2009), to present paper “Identification of Optimum Turbine Parameters for Low Wind Speed Regimes”, IASTED, Beijing, China, October 12-14, 2009.
  21. One Week Workshop on “ Mission 10X”, organized by WIPRO and ISTE at BEC, BGK from 2nd to 6th Feb 2009.
  22. Three Days Workshop on “Management and Entrepreneurship”, organized under TEQIP by Dept of Mechanical Engg, at BEC, BGK from 22nd to 24th Aug 2008.
  23. One Day Workshop on “ Emotional Intelligence and Effective Leadership”, organized under TEQIP by Dept of EEE, BEC on 27th March 2007.
  24. One Day Workshop on “MATLAB Programming for Electrical and Electronics Engineers”, organized under TEQIP by Dept of EEE, on 16th Oct 2006.
  25. Three Days National Workshop on “Energy Audit”, organized under TEQIP by Energy and Environment Cell, NITK, Suratkal, from 19th to 21st Dec 2005.
  26. Short Term Course on “Instructional Design and Delivery” conducted by National Institute of Technical Teachers Training

and Research, Chennai at BEC, from 08th to 13th Aug 2005.