


FACULTY PROFILE

Name	:	Santoshkumar S. Kandagal	
Designation	:	Assistant Professor	
Department	:	Electrical and Electronics Engineering	
Employee ID	:	EE608	
E mail ID (College official ID), (Personal mail ID)	:	sskee@becbgk.edu sskandagal02@gmail.com	
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Orcid ID	:	0009-0001-0542-9282	
Scopus ID	:	--	
Vidwan Id	:	237606	
Researcher ID (Web of Science)	:	--	
Google Scholar ID	:	4OwOpgsAAAAJ	
Qualification	:	B.E(E&E), M.Tech(PES)	
Professional Experience	:	--	
Teaching experience	:	12	
Industry experience	:	00	
Administrative Responsibilities	:	Institute Innovation Council Member Idea Lab Coordinator	
Teaching	:	Electrical Machine Design, Machines Lab and Power System Lab-II	

No. of Projects Guided UG PG	:	--
	:	28
	:	--
Research Interest Area	:	Electric Vehicles and Battery Technologies
Journals (with citations)	:	<ol style="list-style-type: none"> 1. Altaf Hussain. A. T; Mansoorali. M. S; Sharifsaheb. H. L; Veeresh. S. B, S. S. Kandagal, “Low Cost Automatic Dipper Light Controller of Vehicles Using LDR”, IJSRD - International Journal for Scientific Research & Development Vol. 7, Issue 04, 2019 ISSN (online): 2321-0613 http://ijsrd.com/Article.php?manuscript=IJSRDV7I40489 2. Priyanka. B, Roopashree R Mulimani, S. S. Kandagal, “Electricity Generation by using Conventional Ceiling Fan”, IJSRD - International Journal for Scientific Research & Development Vol. 7, Issue 04, 2019 ISSN (online): 2321-0613 http://ijsrd.com/Article.php?manuscript=IJSRDV7I40630 3. Santosh A Nidasheshi, Mohammedsameer H Yadahalli, Prabhulingayya G Hiremath, Seema Kauser, Kandagal. S. S, “Power Generation by Portable Micro Wind Turbine”, International Journal of Research and Scientific Innovation (IJRSI), Volume IV, Issue VI, June 2017, ISSN 2321–2705 http://www.rsisinternational.org/Vol.IV&IssueVI.php#sthash.wghFd2Xp.dpuf 4. Shilpa P Badavadagi, Sunitha M, Shruti I Betageri, Sujatha S, Kandagal. S. S, “Effective Automatic Attendance System using Face Recognition with RFID Technology”, International Journal of Research and Scientific Innovation (IJRSI) Volume IV, Issue VI, June 2017 ISSN 2321–2705 http://www.rsisinternational.org/Vol.IV&IssueVI.php#sthash.wghFd2Xp.dpuf 5. Kandagal. S. S, G. Suchitra, “Reliability Analysis of Solar Photovoltaic Systems for Maximum Power Tracking”, International Journal of Emerging Technology in Computer Science and Electronics, IJETCSE, Volume: 23, Issue: 06, 2016. ISSN : 0976-1353 http://www.ijetcse.com/wp-content/plugins/ijetcse/file/upload/docx/200Reliability-Analysis-of-Solar-Photovoltaic-Systems-for-Maximum-Power-Tracking-pdf.pdf 6. Pavankumar H. S, Sharanappa N, Soumya Shetter, Tanuja T. M, Kandagal. S. S, “Optimal Design of Cost effective Solar based Power Pack Instrumentation for Circuit Laboratory Applications”, International Journal of Innovations in Engineering, Research and Technology, IJIERT-ICITER-16, ISSN:2394-3696. (Paper ID : IJIERT-P15-843), 26th June 2016, pp: 38-44

	<p>http://www.ijert.org/admin/papers/1467091459_ICITER-%2016%20PUNE.PDF</p> <p>7. Rajiv. K, Maradamma. Y, Nissarahmad. N, Sattyashree. M, Kandagal. S. S, “Generation and Storage of Electricity by Ambient Vibrations and Pressure by using Piezoelectric Devices”, International Journal of Innovations in Engineering, Research and Technology, IJIERT-ICITER-16, ISSN:2394-3696. (Paper ID : IJIERT-P15-848), 26th June 2016. pp: 63-69 http://www.ijert.org/admin/papers/1467092237_ICITER-%2016%20PUNE.PDF</p> <p>8. Kandagal S. S, Santhoshkumar G.M., J.G. Shivanagutti, “On-load Tap Changer Fault Diagnosis and Maintenance of 100 MVA Power Transformer”, National Conference on Emerging Trends in Engineering and Technology (NCETET 2016): January 25, 2016: Jointly Organized by Tontadarya College of Engineering (TCE) Gadag and AES Journals, JOURNAL OF INFORMATION, KNOWLEDGE AND RESEARCH IN ELECTRICAL ENGINEERING (ISSN: ISSN 0975 – 6736 , GIF: 01.1419 , SIF: 02.798). www.ejournal.aessangli.in/ASEEJournals/ELEC105.pdf</p> <p>9. Praveen V.A, Sumaya Fathima, Sumalata I. A, Badiger K. D, Kandagal. S. S, “Automatic Power factor Correction using Capacitor Banks and 8051 microcontroller”, International Journal of Engineering and Technical Research (IJETR), ISSN: 2321-0869, Volume-3, Issue-6, June 2015 (Paper ID: IJETR032510). https://www.erppublication.org/admin/vol_issue1/upload%20Image/IJETR032510.pdf</p>
<p>Conferences :</p>	<ul style="list-style-type: none"> • Kandagal. S. S, G. Suchitra, “Reliability Analysis of Solar Photovoltaic Systems for Maximum Power Tracking”, International Conference on Current Research and Applications in Electrical Science (ICCRAES-16), 4th and 5th October, 2016, PDA College of Engineering, KALABURAGI, KARNATAKA, INDIA • Kandagal S. S, Santhoshkumar G.M., J.G. Shivanagutti, “On-load Tap Changer Fault Diagnosis and Maintenance of 100 MVA Power Transformer”, National Conference on Emerging Trends in Engineering and Technology (NCETET 2016): January 25, 2016: Jointly Organized by Tontadarya College of Engineering (TCE) Gadag and AES Journals, JOURNAL OF INFORMATION, KNOWLEDGE AND RESEARCH IN ELECTRICAL ENGINEERING. • Kandagal S. S, Naik R. L, Jangamshetti S.H, “On Load Tap Changer Fault Diagnosis of 100 MVA Transformer at 220/110 kV Receiving Station” at Second National Conference on “Advanced Technologies in Electrical and Electronic Systems-ATEES-2012”, 17th & 18th February 2012, Gogte Institute of Technology, Belgavi, Karnataka, INDIA. (Paper ID: ATPES17). https://www.erppublication.org/admin/vol_issue1/upload%20Image/IJETR032510.pdf

Invited Talks	<ul style="list-style-type: none"> • Conducted “One day Intensive Hands-on workshop on AutoCAD Electrical”, at K.L.E. SOCIETY'S POLYTECHNIC, MAHALINGPUR, during Jan 2010. • Conducted “Two days Intensive Hands-on workshop on AutoCAD Electrical” at Margadarshan Polytechnic, Ilkal, during July 2010.
Events Organized	--
Conferences/ Symposiums/ Workshops/ Training Programs Attended	<ul style="list-style-type: none"> • Actively participated in the One-week Faculty Development Program on “Recent Trends in Power Electronics and Power Systems” held from March 20-25, 2023, organized by Department of Electrical and Electronics Engineering, National Institute of Engineering, Mysuru. • Participated in One Week Long Term Training Program on “Recent Trends and Challenges on Integration of Power Converters with Electric Vehicle” organized by Department of EEE, CMR Institute of Technology, Bengaluru from 20th Feb to 26th Feb 2023. • Participated in Four Days FDP on “Application of Power Electronics in Smart grid, Renewable Energy Resource and Industrial drives”, held from 12.09.2022- 15.09.2022 organized by Department of Electrical and Electronics Engineering, PESITM, Shivamogga. • Participated and Successfully completed One Week AICTE – VTU Joint Teachers Training Program on “An Overview of Teaching Techniques in Innovation & Design Thinking” between 27th & 31st December 2021 Organized by VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) • Attended One Day workshop on “Review and Refining of Vision-Mission Statements & Good Governance” under PARAMARSH on 3rd March 2020 at Basaveshwar Engineering College, Bagalkot. • Participated in Five days Training Programme on “Outcome Based Education (OBE) & NBA Accreditation” organized by Department of Electronics and Communication Engineering in association with TEQIP 1.3, Visvesvaraya Technological University, Belagavi & IQAC - DBIT from 27th to 31st January 2020 at Don Bosco Institute of Technology, Kumbalagodu, Mysuru Road, Bengaluru - 74. • Participated in the NPTEL Workshop conducted on 29th Nov. 2019 by IIT MADRAS, at Basaveshwar Engineering College, Bagalkot. • Participated in a One day Training Program on "Teaching, Learning and Writing in Engineering Education", organised by Research & Development Wing and Library & Information Center on 28th Nov. 2019 at TCE, Gadag. • Attended the TEQIP 1.3 sponsored Faculty Development Program on "Next Generation Energy Technologies", organized by Department of Electrical and Electronics Engineering, Jain College of Engineering,

	<p>Belagavi on 12-13 October 2019.</p> <ul style="list-style-type: none"> • Participated in "One day Workshop on eSim, a First Course in the IoT Series for Teachers" held at K.L.E. Institute of Technology, Dharwad on 21 September 2019. This training was organised by the Teaching Learning Centre ICT at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Training (PMMMNTT), MHRD, Govt. of India. • Participated in “VTU Consortium Training Programme on E-Resources for Academic Excellence”, Organised by Library and Information Center “Jnana Sangama”, Tontadarya College of Engineering, Gadag, held on 20th August, 2019. • Participated in TEQIP-III Sponsored Faculty Development Program on "Electric Vehicles - Electric Machine Drives, Power Converters and Latest Technologies" from 22nd to 26th July 2019 organized by Department of Electrical and Electronics Engineering, Basaveshwar Engineering College (Autonomous), Bagalkot-587102. • Attended two days faculty workshop on “PATENT IT YOURSELF-FROM FILING TO GRANT” held at Sanjay Ghodawat university, Kholapur, Maharastra, on 24th and 25th August, 2018. • Participated and successfully completed 3-days “Faculty Development Program for Student Induction (FDP-SI)” during 7-9 June, 2018 at KLS GIT, BELAGAVI organized by the All India Council for Technical Education (AICTE). • Attended the short term course on “Application of Micro Grid Generation together with Clean Energy Technology (MG CET-2018)”, organized by the department of Electrical & Electronics Engineering, Pondicherry Engineering College, Puducherry-605 014, from 29.01.2018 to 02.02.2018 under the sponsorship of Quality Improvement Programme, AICTE, Govt. of India. • Participated in AICTE sponsored Two Weeks Faculty Development Programme on “Applications of MATLAB/SIMULINK in Control and Power System Engineering”, organized by the department of Electrical & Electronics Engineering, B.L.D.E.A’s V. P. Dr. P. G. Halakatti College of Engineering and Technology, Vijayapur from 19th November to 2nd December 2017. • Attended Grand Finale of “Smart India Hackathon-2017” at SKCET Coimbatore.Organised by Government of India. • Actively participated in Three days Faculty Development Program on “Research Thrust in Renewable Energy 2016”, organized by the department of Electrical & Electronics Engg. GSSSIETW, Mysuru in association with KREDEL and CARTEL AUTOMATION from 27th to 29th of January 2016. • Participated in the “National Conference on Horizons in Power Engineering” (NCHPE-15), organized by the Department of Electrical &
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	<p>Electronics Engg. on 29th April, 2015 held at K. S. School of Engineering & Management, Bengaluru.</p> <ul style="list-style-type: none"> • Attended Five Days Faculty Development Programme on “Advances in HVAC, HVDC & FACTS Controllers” under TEQIP-II from 13th to 17th July 2015, organized by the Department of Electrical & Electronics Engg, MSRIT, Bengaluru. • Participated in TEQIP-II sponsored Short Term Course on “Emerging R&D in Wind Energy Conversion-Present and Future Challenges” from 21st to 26th July 2015, organized by the Department of Electrical & Electronics Engg, BEC (Autonomous), Bagalkot. • Actively participated in One day Workshop on “Controllers Design for Power Systems Applications” organized by the Department of Electrical & Electronics Engg, SDM College of Engg. & Tech. Dharwad, on 21st March 2014. • Attended the TEQIP-II sponsored Two Days National workshop on “Sustainable Innovation-an End to End Approach” from 29th to 30th January 2014, organized by the Department of Electrical & Electronics Engg, BEC (Autonomous), Bagalkot. • Participated in the TEQIP-II sponsored “Two days Intensive Hands-on Workshop on MATLAB Programming for Electrical & Electronics Engineers” from 30th – 31st December 2013, organized by the Department of Electrical & Electronics Engg, BEC (Autonomous), Bagalkot. • Participated in National level Seminar on “Ethical Issues in Engineering System Design” organized by the Department of Electrical & Electronics Engg, SDM college of Engineering and Technology, Dharwad, 24th August 2013, Sponsored by TEQUIP 1.2 • Participated in a Four days VTU-VGST Faculty Development Program on “Wind Power, Solar Energy and Municipal Solid Waste” from 20th July 2013 to 23rd July 2013, organized by the Department of Mechanical Engineering, Rural Engineering College, Hulkoti. • Attended one day workshop on “MODERN COMPUTING TRENDS” organized by BEC IEEE on 16th October 2001, BEC (Autonomous), Bagalkot. • Participated in Two Day Workshop on “Awareness and Applications of Mi-POWER Software” conducted as part of PRDC-BEC EEED MoU activity on 21st and 22nd October 2010. • Attended 3 - days Training Program on “AutoCAD Electrical” organized by the Department of Electrical & Electronics Engg, B.E.C Bagalkot, from 26th to 28th February 2008.
<p>Awards and Honors :</p>	<ul style="list-style-type: none"> • Received “Best Teacher Award 2019” from Institute of Scholars (InSc)

