(Recent photo in .jpg format should be saved in separate folder. Files should be saved in the name of Employee ID, Ex: TMBA004.doc. TMBA004.jpg)

FACULTY PROFILE

Name	**:**	**Dr. Dakshayani. S. Jangamshetti**	
Designation	**:**	**Professor (CAS)**	
Department	**:**	**Electrical and Electronics Engineering**	
Employee ID	**:**	**TEE004**	
E mail ID (College official ID), (Personal mail ID)	**:**	**dsjee@becbgk.edu, asdj1229@gmail.com**	
Contact details	**:**		
Orcid ID	**:**	**0000-0003-3707-4452**	
Scopus ID	**:**	**56058099100**	
Vidwan Id	**:**	**125062**	
Researcher ID (Web of Science)	**:**	**AAH-4116-2021**	
Google Scholar ID	**:**	**PVjyjiAAAAAJ**	
Qualification	**:**	**PhD**	
Professional Experience			
Teaching experience	**:**	**38**	
Industry experience	**:**	**00**	
Administrative Responsibilities	**:**	1. HoD of E&EE since 24-03-2023 2. HoD of E&EE during 31-08-2015 10-12-2018 3. Member Compensatory CIE and ' I' Grade Consideration and Awarding Committee 2021-22 4. Team Member of Standard Operating Procedures (SOP) for SEE 2019-20, 20-21, 21-22 5. Coordinator for First year (BE, M.Tech, MBA) admissions 2020-21 6. Memeber Secretary of Acamemic Council of BEC during 2015-16, 2016-17, 2017-18, 7. Coordinator of NAAC 2016-17, 8. Member of Academic Council 2012-15 9. Coordinator for document preparation of VTU LIC for 2012-13, 2013-14, 2014-15 10. Member of MPC BEC 2015-16, 11. Member BOE E&EE, BEC for 2011-12	

		12. Member BOE, E&EE VTU Belgaum 2008-2009
Teaching	**:**	
No. of Projects Guided		
UG	**:**	**55+**
PG	**:**	**05**
Research		
Interest Area	**:**	**Signal Processing, Microcontrollers, Instrumentation**
No. of Research Scholars		
Pursuing	**:**	**00**
Awarded	**:**	**06**
Patents	**:**	**-**
Research Grants	**:**	1. Rs. 11.63/- Lakhs from AICTE, [Ref . No. 20/AICTE/RIFD/RPS(POLICY-II)74/2012-13 dated February 4th 2013] 2. Project "Design and development of novel method of embedded based data acquisition and control system for process industry" sanctioned under AICTE sponsored RPS scheme 3. Rs. 5 Lakhs from TEQIP "Signal processing lab". 4. Rs. 6000/ Received from KSCST for the Project "Automatic Flood monitoring and protection of dam" Student Project Program (35th Series) Exhibition at SDM Institute of Technology, Ujire, Dharmastala 13-14 July 2012. 5. Rs. 3000/ Received from KSCST for the Project " Design and Development of SPV source for RO system" Student Project Program (40th Series) Exhibition at SDM College of Engg. & Technology, Dharwad, 30th May 2017. 6. Project " Automatic Flood monitoring and protection of dam" Won First prize and cash prize of Rs. 6000/ during State Level Project Exhibition and Competition for Engineering Students, 12-14 May 2012 held at Sahyadri College of Engineering and Management, Mangalore. 7. Project "Impact analysis of sound level in BEC campus and implementation of IoT based noise alerting system" received Rs.15000 from TEQIP-III grant.
Publications Books/Chapters	**:**	**Nil**
Journals (with citations)	**:**	1. M. Sutagundar, B.G. Sheeparamatti and D.S. Jangamshetti, (2020), "Multi-objective Design Optimization of Microdisk Resonator," Journal of Nanoscience & Nanotechnology-Asia, Vol.10, No.4, pp. 478-485, 2020, Impact factor:0.761, DOI : 10.2174/2210681209666190912152649. SJR Q4,Scopus Indexed 2. Anand H. Unnibhavi, D.S. Jangamshetti, Shridhar K. (2020), "Triphone Model Based Novel Kannada Continuous Speech Recognition System using Kaldi Tool," International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Vol-9, Issue-9, pp. 452-458, July 2020 , Scopus and Elsevier indexed. SJR-Q4(DOI:10.35940/IJITEE.I7210.079920). 3. Anand H. Unnibhavi and D. S. Jangamshetti, (2019),"Continuous Speech Recognition System for Kannada Language with Triphone Modelling using HTK," International Journal of Recent technology and Engineering (IJRTE) Vol-8 Issue-3, pp. 7827-7831, September

		2019, ISSN: 2277-3878. (SJR: 0.107),(Scopus Indexed & UGC indexed journal Impact factor =1), (DOI :10.35940/ijrte.C5394.098319) Corpus ID: 212468978 4. Anand H. Unnibhavi and D. S. Jangamshetti, (2018), "Development of Kannada Speech Corpus for Continuous Speech Recognition," International Journal of Computer Applications (0975 – 8887) Vol. 179 – No.53, pp 1-4, June 2018. Impact factor:0.79 (Scopus Indexed journal Impact factor=3.14)(DOI: 10.5120/ijca2018917255) Q4(0.19),H index-13, ISSN-1206212X 5. Chayalakshmi C.L, D.S. Jangamshetti and Savita Sonoli,(2018), "Multiple linear regression analysis for prediction of boiler losses and boiler efficiency," International Journal of Instrumentation and Control Systems (IJICS) Vol.8, No.2, pp.1-9 April 2018, H Index: 12, DOI : 10.5121/ijics.2018.8201 [ISSN :2319 - 412X; e-ISSN : 2249 - 1147] 6. Manjula Sutagundar, B.G. Sheeparamatti, and D.S. Jangamshetti, (2017), "ANN modeling of Motional Resistance for Micro Disk Resonator," IGI Global Publication, International Journal of Applied Evolutionary Computation (IJAEC), Vol. 8, Issue 4, pp. 14-31, Oct-Dec 2017, DOI: 10.4018/IJAEC.2017100102, ISSN: 1942-3594|EISSN: 1942-3608] Impact Factor:0.03 7. Chayalakshmi C. L., D.S. Jangamashetti, and Savita Sonoli, (2016), "Time series analysis and forecasting of boiler efficiency," International Journal of Electronics, Communication, and Instrumentation Engineering Research and development (IJECIERD) ISSN(P), 2249-684X: ISSN(E):2249-7951, Vol. 6, Issue 1, Feb 2016, 1-8. Impact Factor(JCC) : 7.4583, scopus indexed, 8. Chayalakshmi C. L., D.S. Jangamashetti, and Savita Sonoli, "Monitoring Boiler Efficiency using DASY lab and a Case Study on Analysis of Boiler Losses", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol. 3. pp. 68-74, Issue 6, June 2015. Impact factor-6.581, UGC approved journal 9. Manjula Sutagundar, B.G. Sheeparamatti, and D.S. Jangamshetti, "Research Issues in MEMS Resonators,"Research Inventy: International Journal of Engineering and Science2014, Vol. 4, Issue 8, August 2014 10. Chayalakshmi C. L., D.S.Jangamashetti, and Savita Sonoli, "ARM7 Based Automatic Soot Blower Control System", International Journal of Instrumentation and Control Systems (IJICS), Vol. 4. No. 3, pp. 11-19, July 2014. 11. A.Sreedevi, D.S. Jangamshetti (2013) "Extraction Of Spots In DNA Microarrays Using Genetic Algorithm", Signal & Image Processing : An International Journal (SIPIJ) Vol.4, No.6, pp.83-93, December 2013. DOI: 10.5121/sipij.2013.4607 12. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, (2012) "Binaural dichotic presentation to reduce the effects of spectral masking in moderate bilateral sensorineural hearing loss", International Journal of Audiology Vol 51(4), pp. 334-344. 2012. Q1(0.98), H-index-75, ISSN- 14992027, 17088186 13. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, (2012). "Multi-band frequency compression for improving speech perception by listeners with moderate sensorineural hearing loss", Journal of Speech Communication Vol, 54(3), pp. 341-350, 2012. 14. Himajit Aithal, A. Anil Kumar, A. Sreedevi, D.S.Jangamshetti "Compression of Micro-array Images Using Spatial Redundancy" CIIT International Journal of Digital Image Processing, 309-314, Vol.

		3, No. 5, March 2011 15. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, (2007). "Multi-band frequency compression for reducing the effects of spectral masking," Int. Journal of Speech Tech. Vol. 10, No. 4, pp. 219-227, 2007, Q2(0.24), H-index-26, ISSN- 13812416, 15728110 16. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, (2006) "Perceptually balanced filter response for binaural dichotic presentation to reduce the effect of spectral masking," J. Acoust . Soc. Am., Vol. 120, no.5, pp. 3253, 2006. Q1(0.66), H-index-176, ISSN 15208524, 00014966 17. Cheeran, A. N., Pandey, P. C., Jangamashetti, D. S. (2002). "Optimal sweep cycle for time-varying comb filters for binaural dichotic presentation to improve speech perception in sensorineural hearing impairment," J. Acoust. Soc. Am. Vol. 111(5), Pt. 2(2), 2426. Q1(0.66), H-index-176, ISSN 15208524, 00014966 18. Pandey, P. C., Jangamashetti, D. S., and Cheeran, A. N. (2001). "Binaural dichotic presentation to reduce the effect of increased temporal and spectral masking in sensorineural hearing impairment," J. Acoust. Soc. Am., Vol. 110(5), Pt. 2, 2705. Q1(0.66), H-index-176, ISSN 15208524, 00014966 19. Cheeran, A. N., Pandey, P. C., and Jangamashetti, D. S. (2001) "Comb filters for binaural dichotic presentation to improve speech perception by persons with bilateral sensorineural hearing impairment," J. Acoust. Soc. Am., Vol. 110(5), Pt. 2, 2705. Q1(0.66), H-index-176, ISSN 15208524, 00014966 20. Chayalakshmi C. L., D.S. Jangamashetti, and Savita Sonoli, "Parameter optimization for forecasting of Boiler Losses and Efficiency using statistical model", Journal of control and Instrumentation Engineering (JoCI), Vol. 2. Issue 1, pp 1-19, MAT Journals, Journal DOI No: 10.37591/JoCI, 2016.
Conferences	**:**	1. Anand Unnibhavi and D. S. Jangamashetti (2017), "LPC Based Speech Recognition for Kannada Vowels" Proc. International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT), GSSS, Institute of Engineering & Technology for Women, Mysuru, pp. 642-645, 15-16 Dec. 2017, 978-1-5386-2361-9/17/$31.00 ©2017 IEEE. 2. Chayalakshmi C. L., D.S.Jangamashetti, and Savita Sonoli (2016), "Prediction of Boiler Efficiency based on Multiple Linear Regression Model", Proc. of International Conference on Current research topics in Power Nuclear & Fuel Energy (PNFE-2016), (Associated **International Conference on Recent Trends in Engineering, Science and Technology-** ICRTEST-2016) St. Peter's Engineering College, Dullapally, Hyderabad, Telangana, India, 25-27, October 2016, Published in Journal of Elsevier Energy Procedia (ISSN: 1876-6102). 3. Anand Unnibhavi and D. S. Jangamashetti (2016) "A Survey of speech Recognition on South Indian Languages" International Conference on Signal Processing, Communication, Power and Embedded System (SCOPES) C-U-T-M (Centurion University of Technology and Management), Paralakhemundi, Orissa, India, 3-5, October 2016, IEEE XPLORE. 4. D. S. Jangamashetti and S.H. Jangamshetti (2015) "Design, Implementation and Testing of Theft and Maintenance Monitoring of Batteries of Stand-alone SPV systems" Proc. International conf. ICRERA 2015, Palermo, Italy, 22-25, Nov 2015, DOI: 10.1109/ICRERA.2015.7418443 5. Chayalakshmi C. L., D.S. Jangamashetti, and Savita Sonoli (2015),

		"Boiler Efficiency Estimation from Hydrogen Content in Fuel", Proc. of Fourth International Conference on Advances in Computing, Communications and Informatics (ICACCI-2015), SCMS, Kochi, India pp.1107-1110, August 10-13, 2015. ISBN 978-1-4799-8792-4/15 IEEE XPLORE, 978-1-4799-8792-4/15, 2015, IEEE, 1107-1110. 6. Manjula Sutagundar, B.G. Sheeparamatti, D.S. Jangamshetti, "Genetic Algorithm Optimization of Microcantilever Based Resonator,"Seventh ISSS International Conference on Smart Structures and Systems, July 2014. 7. Chayalakshmi C. L., D.S.Jangamashetti, and Savita Sonoli (2013), "Design and Development of an ARM Platform Based Embedded System for Measurement of Boiler Efficiency" Proc. of IEEE Symposium on Industrial Electronics and Applications, IEEE Malaysia, IE/IA Joint Chapter, Kuching, Sarawak, Malyasia, pp 39-43, 22-25 September 2013. 8. Manjula Sutagundar, B.G. Sheeparmatti, D.S. Jangamshetti, "Genetic Algorithm Optimization of Microcantilever based Resonator," 9th International workshop on nano-mechanical Sensing, IIT Bombay, "A critical comparison of surface and bulk micromachined cantilevers using Coventorware ", Proceedings of the 9th Nanomechanical Sensing Workshop NMC 2012 during 6th to 8th June, 2012 at IIT Bombay, Mumbai, pp 104-105. 9. Chaya Lakshmi, and D. S. Jangamashetti (2012). "Real time remote monitoring and measurement of loss due to dry flue gas for an industrial boiler" Proc. Third International Conference on Advances in Power Electronics and Instrumentation Engg-PEIE-2012, LNEE, pp. 490-495, Bangalore, India, Aug 03-04,Springer-Verlag Berlin Heidelberg, 2012. 10. D. S. Jangamashetti, A. N. Cheeran, P. N. Kulkarni, and P. C. Pandey (2010). "Simulation of increased masking in sensorineural hearing loss for a preliminary evaluation of speech processing schemes" Proc. 20th International Congress Acoustics (ICA 2010)), Sydney, Australia, 23-27, August. Paper No. 980. H-index-11 11. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti (2010). " Study of perceptual balance for binaural dichotic presentation", Proc. 20th International Congress Acoustics (ICA 2010)), Sydney, Australia, 23-27, August. Paper No. 556, H-index-11 12. A.Sreedevi, D.S.Jangamshetti, Himajit Aithal, and Anil kumar A, "Lossless compression of microarray images by run length coding," ICBSSP Oct 2010, China, 978-1-4244-8589-5/10©2010 IEEE. 13. A.Sreedevi, D.S. Jangamashetti, Himajit Aithal, and Anil Kumar A, "Compression of microarray images by reducing the inter-pixel redundancy," International conference on information and communication technology ICICT- Dec 2010, Thiagarajar school of management, Coimbatore. 14. A.Sreedevi, and D.S.Jangamashetti, "Automatic localization of spots and extraction of spot intensities using adaptable shape segmentation," ICEDSP, MIT, Manipal. Dec 2009. 15. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti (2009) "Multi-band Frequency Compression for Sensorineural Hearing Impairment", Proc. 16th Annual International Conference of on Digital Signal Processing, DSP 2009, 5-7 July, Santorini, Greece. 16. Sreedevi A. and D.S. Jangamshetti (2009), "Automatically Locating Spots in DNA Microarray Image Using Genetic Algorithm without Gridding", Proc. of International Conference on IACSIT Spring Conference 2009 (IACSIT-SC 2009). 17-20 April 2009, 178-181, 978-0-7695-3653-8/09 © 2009 IEEE.

		17. Jatti A., Jangamashetti D. S., Jyoti, and Kori, R. (2006). "Image Processing of Bone Image Segmentation" Proc. Asian Conference on Intelligent Systems and Networks (AISN-2006), Haryana, India, 16-20. 18. Jangamshetti, D. S., Cheeran, A. N., and Pandey, P. C. (2002). "Design of comb filters based on auditory filter bandwidths for binaural dichotic presentation for persons with sensorineural hearing impairment," Proc. 14th Int. Conf on Digital Signal Processing (DSP2002), Santorini, Greece, 1145–1148. 19. Jangamshetti D. S., Pandey, P. C, and Cheeran, A. N. (2001). "Time varying comb filters to reduce effect of spectral and temporal masking in sensorineural hearing impairment," Proc. Int. Conf. on Biomedical Engineering (ICMBE), Bangalore, India, 258–263. 20. Jangamshetti D. S., and Pandey, P. C. (2000). "Inter-aural switching with different fading functions for binaural dichotic presentation to reduce the effect of temporal masking in sensorineural hearing loss," Proc. 4th World Multi Conf. on Systemics, Cybernetics, and Informatics (SCI'2000), Orlando, Florida, U.S.A, 434–439. 21. Jangamshetti D. S. and Maka S. S. (1996). "Improvements in Electromagnetic Flow Measurements", Proc. Int. Conf. on Instrumentation (ICI-96), IISc. Bangalore, 485–490. 22. Jangamshetti D. S., Jangamshetti, S. H., and Anami, B. S. (1993) "Theory and Practice of Microprocessor Based Relays in Power System Education", Proc. ISEDEM'93, Singapore, Vol.2, 630–634. 23. Manjula Sutagundar, B.G. Sheeparamatti, D.S. Jangamshetti, "ANN modelling of Anchor Dependent Quality Factor in Micro Disk Resonator*", ISSS National Conference on MEMS, Smart Materials, Structures and Systems*, September 28-30, 2016, Kanpur, India 24. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, "Study of perceptual balance in comb filter based spectral splitting of speech signal to reduce the effect of frequency masking," in Proc. Frontiers of Research in Speech and Music (FRSM-08), Jadavpur University, Kolkata, India, pp. 101-105, Feb. 20-21, 2008 25. Jatti A. and Jangamashetti, D. S. (2005). "Medical Image Analysis using Image Processing*" Proc. National Conference on Instrumentation for Biomedical Engineering*, Chennai, India, 140-146. 26. Jangamshetti, D. S., and Pandey, P. C. (2000). "Dichotic presentation with inter-aural switching for reducing the effect of temporal masking due to sensorineural hearing loss," *Proc. National Conf. on Biomedical Engg., Roorkee, India*, 346–353. 27. Jangamshetti, D. S., Jangamshetti, S. H., and et.al. (1993) "Need for Effective Delivery Methods to Illustrate Concepts in Engineering Education", *Proc. XXIII annual ISTE convention, KREC Suratkal.*
Invited Talks	**:**	1. "Speech Signal Processing", invited talk during 3-day faculty development programe on "Medical Cybernetics", organized by E&EE Dept., PDA Engg. College Gulbarga on 10-12 Feb. 2011. 2. "Speech Signal Processing", invited talk during short term training program on "Signal Processing", organized by E&EE Dept., BLDEA Bijapur, on 21.09.2007. 3. "Speech Signal Processing", invited during short term training program on "Signal Processing", organized by E&CE Dept., BLDEA Bijapur, 27.09.2007. 4. "Speech Signal Processing", during one week AICTE-ISTE short term training program on "Embedded Systems and applications", organized by E&E Dept., Basaveshwar Engg. College Bagalkot.,

		22-27 March 2004. 5. "Laplace Tansforms, Z-Transforms and applications" during TEQIP training program on "Applied Mathematics" 3-4-06 to 8-04-06 organized by Dept. of Mathematics, BEC Bagalkot.
Events Organized	**:**	**1.** 1 day webinar "Personal Branding- Creating a Brand You" 25-06-2020 **Coordinator** **2.** 1 day seminar on "Career opportunities for Engineering Students in Defense services" under EAP (TEQIP-III) on 25-10-2019**, Coordinator** 3. 2 days workshop on "PCB Design and Fabrication" on 26th & 27th March 2018 **Coordinator** 4. 2 days workshop on Embedded System using ARDUINO on 17th & 18th Sept 2016 **Coordinator** **5.** NOVUS'13 "A National level Solar Smart Challenge and Poster Presentation" on 16th and 17th November 2013 **Coordinator** **6.** 1 day Student Development Programme on "'Career opportunities for Women in Defense and Civil services' for UG-PG students , 22-19-2013**, Coordinator** **7.** 2012, State level Technical Fest, Two day workshop on 'Robotics and Industrial Innovation'. 9 and 10th Nov, 2012 **Coordinator** 8. IEEE North Karnataka Hub level Technical Fest on 31st March, and 1st April 2012, **Coordinator** **9.** Novus 2011, State level Technical Fest, Tow day workshop on 'Sixth Sense Robots' and 'Android Mobile OS' conducted by ARK Technosolutions Mumbai. 13-14th Nov, 2011 **Coordinator** 10. IEEE One day workshop on "Modern Computing Trends" 16th Oct, 2011. **Coordinator** 11. "Embedded Systems and Applications", one week AICTE-ISTE short term training program, 22-27 March 2004. **Coordinator** 12. "Programmable Logic Controller", One week training for engineering students, organized under Tribal & Women Development, BEC-TEQIP, 08-13 July 2007, **Coordinator** 13. "Computer Awareness Training for Women", two weeks, organized under Tribal & Women Development, BEC-TEQIP, 18-30 August 2005, **Coordinator** 14. "Communication Skills", three day workshop, organized under Tribal & Women Development, BEC-TEQIP, 27-29 October 2005, **Coordinator** 15. "Electricity and safety Awareness", for women, three day training, organized under Tribal & Women Development, BEC-TEQIP, 23-25 Feb 2006, **Coordinator** 16. "Counseling Techniques" for faculty one-day workshop under faculty development, BEC-TEQIP 25-08-06, **Coordinator** 17. "Global skills enhancement" for girls, three day work, organized under Tribal & Women Development, BEC-TEQIP, 15-17 Sept. 2006, **Coordinator.** 18. "Alternate Energy System Concepts", for women, three day training, organized under Tribal & Women Development, BEC-TEQIP, 10-11 Jan 2007, **Coordinator** 19. "Challenges of modern nutrition-A healthy family", for women, three day training, organized under Tribal & Women Development, BEC-TEQIP, 19-20 Jan 2007, **Coordinator**
Conferences/ Symposiums/ Workshops/	**:**	**International Conferences Attended:**

Training Programs Attended		1. International Conference on Renewable, Energy Research and applications (ICRERA) 2015 from 22nd to 25th Nov, 2015, at Palmero, Italy. 2. International 4th World Wind Energy Conference & Renewable Energy Exhibition 2006, organized by World Wind Energy Association, at Melborne, Austarlia. 3. 4th World Multiconference on Systemicx, Cybernetics and Informatics (SCI-2000) and 6th International Conference on Information Systems Analysis and Synthesis (ISAS-2000), Orlando, Florida, U.S.A, July 2000. 4. International Conference on Biomedical Engineering "Bio Vision 2001", Bangalore, India, Dec. 21–24, 2001. **National Conferences Attended:** 1. National Conference on Bio-Medical Engineering, Roorkee, April 2000. 2. 23rd ISTE National Convention, KREC Suratkal, December 1993. 3. National Conference on Bio-Medical Engineering, Manipal, April 1999. 4. 4th ISTE Karnataka Convention and AICTE sponsored National Seminar on "Technical Education and Challenges in the New Millennium", BEC, Bagalkot, November 2001. **NPTEL Online Course:** 1. Introduction to Embedded System Design, 12 weeks course 14-09-2020 to 04-12-2020. Passed with 76 % (Elite + Silver) 2. NPTEL-AICTE FDP On "Introduction to Embedded System Design", 12 weeks course 14-09-2020 to 04-12-2020. 3. Microprocessors and Microcontrollers, 12 weeks course 28-01-2019 to 19-04-2019. Passed with 79% (Elite+ Silver) **Conferences/ Symposiums/ Workshops/ Training Programs Attended:** 1. Webinar on “Advancements in Speech and Audio Quality Assessment" IEEE Information Theory Society (ITS) Bangalore Chapter in association with IEEE Bangalore Section and IEEE Mysore Subsection. 13-7- 2021 2. Online webinar on "Role of Faculty in Implementation of NEP", jointly organized in collaboration with Bharatiya Shikshan Mandal and NITI Aayog, BEC, 20-2-2021 3. Online webinar on "Women empowerment" EAP-TEQIP-III, BEC, 12-12-2020 4. Online webinar on "Women Autonomy in Health Care Decision Making" EAP-TEQIP-III, BEC, 12-12-2020 5. NPTEL-AICTE FDP On "Introduction to Embedded System Design", 12 weeks course 14-09-2020 to 04-12-2020. 6. Online webinar on Impact of COVID-19 on Higher Eucation System in India Challenges and Opportunities, 03-08-2020 VTU Belagavi, e-Learning Centre, Mysuru. 7. International webinar on "Work Culture- Leadership Attributes"13-07-2020, Mr. Bhavesh Trivedi E.ENG, Product Manager, Switching Devices & Power Management Products Eaton (Industries) canada Ltd-Ontario-CANADA, Dept. of E&EE, BEC.

		8. Online webinar on Electric Safety Awareness Webinar "Electric Accidents and Investigation", 11-07--2020, Dr. Shivappa V. Sobarad, AE, O&M Div, GESCOM, Munirabad, Dept. of E&EE, BEC. 9. Online webinar: IEEE - ABET Webinar on Accreditation and Quality of Engineering Education in South Asia, Wednesday, 08-07-2020, Host: Munir Mohammed (m.mohammed@ieee.org) 10. One day E workshop on "Awareness and Prevention Sexual Harassment at workplaces" by Dr. Kirti Shivakumar, Belagavi, 27-06-2020, TEQIP-III, BEC, BGK. 11. Webinar on "CO-PO Attainment Computation and Outcomes Analysis" InPods Ed-Tech, 20-06-2020. 12. Online webinar: Free MOOC to complement Engineering Education, 13-05-2020, IEEE Sight Dr. Abhishek Appaji 13. Online webinar: AICTE-Examination Reforms, April 29-04-2020 to 30-04-2020, TEQIPIII, NPIU, BEC 14. Online webinar: Virtual yoga, Building Resilience in Body & Mind Thursday, 28-04-2020, IEEE Sight Dr. Abhishek Appaji 15. Online webinar: Virtual workshop on Effective online engineering education: tips & tricks, 26-04-2020, IEEE Sight Dr. Abhishek Appaji 16. Online workshop: Digital Transformation In Teaching Learning Process (DTITLP) course organized by, NPIU, and conducted by IIT Bombay on SWAYAM. Two week course, 14-02-2020 to 6-03-2020, Swayam, NPIU, TEQIP3 17. 5 days FDP on "Electrical Vehicle -Electric Machine Drives, Power Converters and Latest Technology" from 22-26 July 2019, organized by dept of E&EE under TEQIP-III. 18. 5 days Summer school on "Speech Signal Processing (S4P-2019) Theme: Speaker recognition and diarization" 6-7-2019 to 10-7-2019 at DA-IICT Gandhinagar, Ahamadabad,. 19. 5 Days Workshop on "Research Avenues" 3-6-2019 to 7-6-2019, TEQIP-III organized by CSE & ISE, BEC Bagalkot 20. Gandhi Global Solar Yatra 2019, Student solar Ambassador Workshop 2019, 1-5-2019 to 31-12-2019, IIT Bombay, BEC. 21. Course on "Systems Thinking and Applications" 12-10-2018 to 30-11-2018, by Dr. L.S. Ganesh IIT Madras, TEQIP-III, BEC. 22. 1 day Management Development Programme on "Academic Leadership Through Emotional Intelligence", Dept. of Management Studies, BEC, Bagalkot, 15-06-2018. 23. 4 days Winter School on Speech and Audio Processing (WISSAP 2018), 19-1-2018 to 22-1-2018, IIT Guwahati, Theme : Signal Processing for Speech and hearing disorders. 24. 2 Days workshop on 21-12-2017 and 22-12 -2017 OBE, by IIT Bombay at BEC. 25. 4 days Winter School on Speech and Audio Processing (WISSAP 2017), 26-1-2017 to 29-1-2017, IISc Bangalore, Theme : SPATIAL AUDIO PROCESSING. 26. One day Industry-Academia Conclave at Bagalkot 11-02-2017. 27. One day One day Industry-Academia Conclave at Mumbai 17-12-2016. 28. One day Industry-Academia Conclave at Pune 24-04-2016. 29. One day Industry-Academia Conclave at Bangalore 13-03-2016. 30. 2 Days workshop "Electronic System Design and Manufacturing (ESDM)" organized by CSI-Bangalore chapter, CLIK, Gok dept, of IT &BT and BEC Bagalkot , 29-30, March, 2016. 31. One day workshop on "Teaching learning" organized by TEQIP-II, 19-02- 2016. 32. One day workshop on "Outcome based Education" organized by

		TEQIP-II, 18-12-2015. 33. International Conference on Renewable, Energy Research and applications (ICRERA) 2015 from 22nd to 25th Nov, 2015, at Palermo, Italy. 34. 6 days Academic leadership program for TEQIP Institutions August 24-29, 2015, IIM Kozhikode, Kerala. 35. 6 Days Short Term Course on Emerging R&D in Wind Energy Conversion-Present and Future Challenges. Dept. of E&EE, TEQIP-II, BEC, 21st to 26th July 2014. 36. 3 days workshop "Intel Atom processor," Dept. of ECE, BEC, TEQIP-II May 28th -30th 2014 37. Two days national Workshop on "Sustainable Innovation -an End to end Approach" by EEED, BEC under TEQIP-II, on 29-30 January 2014 38. 3 Day workshop on "Senior Faculty development Program: capacity building to achieve excellence" organized by Dept of MBA, IISC Bangalore, at BEC BGK, 11-13th Nov 2013 39. 1 day workshop "Paths & Processes to Achieve Excellence in Technical Education" RVCE Bangalore and SPFU on 14-08-2013. 40. 4 day workshop "winter school on speech and audio signal processing" organized by IIT Madras during 22-02-2013 to 25-02-2013 41. One day workshop on "Speech Processing & Applications" sponsored by International Speech Communication Association France, and IEEE Signal processing Society Bangalore Chapter Organized by CMRIT Bangalore on 21-06-2012. 42. One day workshop on Electronics Systems Design and manufacturing (ESDM) organized by Sankalp Semiconductors Hubli on 17-03-2012. 43. 3 day workshop on "Blueprint for Success by Shiv Khera" by Shivkhera MSRIT Bangalore, 27.12.06 - 29.12.06 44. Speech and Audio Processing (WISSAP), 12.01.10 to 15.01.10, IIT Bombay, Mumbai 45. Speech and Audio Processing (WISSAP), ECE department of IISc Bangalore & IEEE Signal Processing Society Bangalore Chapter, 4th to 7th Jan. 2006. 46. One day workshop on "Intellectual property rights", 16th April 2004 47. DSP Processors and Applications NITTE College of Engineering Jan 27-31, 2004 (One week) 48. AICTE sponsored National Workshop on "Electronics Design Automation Tools", organized by Basaveshwar Engineering College, Bagalkot, Oct 1995. 49. 2-day Workshop on Microprocessor Laboratory from 20-21 April 2003. organized by Department of Electrical & Electronics Engineering, Basaveshwar Engineering College, Bagalkot and Visweswaraiah Technical University, Belgaum in Karnataka. 50. Workshop on "Student Leadership", organized by IEEE Bangalore section, Oct. 2002. 51. National Workshop on "Embedded systems"12th to 14th of Sept., 2002, SASTRA, Deemed Univ, Thanjavuur. 52. Student branch leadership workshop, IEEE, Bangalore Section, 26-10-2002. 53. Processing of composite materials, BEC, Bagalkot, Aug/Sept, 2002 (2 weeks) 54. Three days Introductory Program on "Biotechnology" by VTU Belagavi & The Institution of Engineers (India), Karnataka State

		Centre at Bangalore in association with Biosys Technologies Pvt. 19-21 August 2002. 55. Recent Trends in Renewable Energy Sources, BEC, Bagalkot, Sept. 2001 (2 Weeks) 56. Advances in Casting and Welding Technology, BEC, Bagalkot, Sept./Oct, 2001 (2 weeks) 57. Recent Trends in Power Electronics Applications, IIT Bombay, May 1999 (1 week) 58. Advance computer networking, BEC, Bagalkot, Aug 1998 (2 weeks) 59. Fuzzy Decision-Making and Logic Programming. , I.I.T Kharagpur, June 1997 (1 week) 60. Semiconductor controlled drives and their applications, IIT Kanpur, Dec 1993 (2 weeks) 61. Electronics Measurements & Instrumentation Techniques, I.I.T Bombay, June/July 1991 (2 weeks) 62. One-day workshop on "Robotics", organized by IEEE student branch, IIT Kharagpur, Oct/Nov 1988. 63. Medium and Long Range Load Forecasting in Power Systems, I.I.T Kharagpur, June 1987 (2 weeks) 64. Advances in Process Control, Anna University, Chennai, June 1991 (2 weeks)
Awards and Honors	:	1. InSc Best Teacher Award 2020 (Institute of Scholars, An ISO 9001:2015 certified Institution by International Accurate Certification, Accredited by UASL) 2. IARDO Academic Excellence Award-2019 for Distinguished Professor (International Association of Research and Developed Organization) 3. Distinguished Women in Engineering Award 2019 by VIWA Venus International Foundation Chennai 4. Outstanding IEEE Branch Counselor award for the year 2014
Other Administrative Services		**University assignments:** Member BOE, E&EE VTU Belgaum 2008-2009 **Other institutes** 1. President Kittur Rani Chennamma Residential School, Kittur,Belgaum, March 2017-2022. 2. Reviewer for International Journal of Engineering Sciences and Management Visvesvaraya Technological University, Belagavi 2019. 3. Subject expert in interview committee at Women's University Vijaypur on 8-8-2016. 4. Subject expert in interview committee at University of Horticulture Sciences Bagalkot 2014. 5. Vice-President Kittur Rani Chennamma Residential School, Kittur,Belgaum, since April 2012. 6. Coordinator Board of Examination Dept. of E&E, Basaveshwar Engg. College, Bagalkot during 2010-2011. 7. Member of Board of Kittur Rani Chennamma Residential School, Kittur, Belgaum, since 2005. 8. Reviewer for International Conference on Human Machine Interfaces organized by JNNCE, Shimogga, Karnataka, 2004.