Name of Faculty	Dr. K. Krishnaveni	
Designation	Professor	
Nature of Job/Appointment	Regular	
Date of Joining	06 - 10 - 1997	
E-mail	krishnaveni_eee@cbit.ac.in	
Education Qualifications	**Name of the Degree**	**Class**
Ph. D	Doctor of Philosophy (EEE)	Awarded
PG	M. Tech. (Power Electronics).	Distinction
UG	B. Tech (EEE)	Distinction
Work Experience		
Teaching	27 Years	
Research	06 years	
Industry	--	
Others	--	
Area of Specialization	Power Electronics, FACTS	
Professional Memberships	Member, IE(I)	

Responsibilities held at Institution Level	1. Director, Academics, from 11-05-2020 to till date 2. Director, Student Progression from 22-10-2018 to 30-06-2020. 3. Dean, Student Progression 24-07-2017 to 21-10-2018. 4. Convener, Academic Planning and evaluation Committee 5. Chair Person, Class work Monitoring Committee 6. Convener, Institute level Committee- NBA 7. Member, Anti-ragging Committee 8. Member, Academic Council. 9. Chair Person, ICC.
Responsibilities held at Department Level	1. Head, Department of EEE, from 24-07-2008 to30-06-2016 2. Coordinator, PG(PS&PE) from 01-07-2006 to 30-06-2008 3. Member Board of Studies, 4. Member, Performance Assessment Committee 5. Member, Course Expert Group.
Research Guidance	**Ph.D:** Guiding 7 Scholars, one submitted and one awarded
Awards Received	1. Sir Thomas Ward Memorial Prize, IE(I) -2018 2. Distinguished Women in Engineering(Electrical),2019, Venus International Foundation, 2019 3. Adarsh Vidya Saraswati Rashtriya Puraskar, National Award of Excellence, 2020.
Courses Handled at Under Graduate / Post Graduate Level.	Basic Electrical Engineering, Electrical Circuits, , Digital Electronics & Logic Design, Control Systems, Digital Signal Processing, Electric Drives & Static Control, High Voltage DC Transmission(HVDC), Flexible AC Transmission(FACTS) Power Semiconductor Devices and Circuits(PSDC)
No. of Papers Published	National Journals – 1 International Journals – 20 National Conference – 7 International Conference – 7
Projects Carried out	--
Patents	--
Technology Transfer	--
Invited Speaker	—
No. of Books/Chapter Published with details	1. Published One Monograph -- Titled “Resilient Micro Inverter: Design, Simulation and Implementation”, 2020, Lambert Academic Publishing.
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (**Attended and/or Organized**).	1. Successfully Completed “Write Professional Emails in English” an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera on 15-05-2020 2. Successfully Completed “NBA Accreditation and Teaching-Learning in Engineering(NATE)” offered by NPTEL, Jan-April 2020

3. Organized an in-house Semester Readiness Program (SRP) from 23rd & 24th Nov' and 2nd &3rd Dec' 2020.
4. Organized a One Week Faculty Development Program on "Outcome Based Education and NBA Accreditation Process(UG)", from 28-05-2020 to 01-06-2020
5. Organized a One Week STTP in Association with NITTR, KOLKATA on NBA Accreditation", during 22- 26 April, 2019.
6. Organized a Two Week AICTE Sponsored FDP on "Power Electronics for Renewable Energy Systems- Present Trends and Future Scope", from 13-25, November, 2017.
7. Vice Chairperson, a Two Day National Conference on "Role of Engineers in the Development of New State of Telangana" NC-REDNeST at CBIT during 23- 24 Jan 2015.
8. Participated in One Week Short Term Training Program(Phase-2) on "Trends and Challenges of hybrid Electric Drive Utilities in Transport Sector" organized by Department of EEE, CBIT, Hyderabad during 02nd-07th November 2020.
9. Participated in two day workshop on Power Electronics application in Electrical Systems(PEAES-2020), organized by department of EE JNTUH, Hyderabad on 28th and 29th December 2020.
10. Successfully Completed the online Orientation Training Program for Mentors organized from 01-02-2021 t0 05-02-2021 under national initiative for Technical Teachers Training.
11. Participated in a One Week Online Refresher Course on "BHARATEEYA CHAITANYAM" organized by 'Geervana Bharathi' of 'Chaitnya Samskruthi', CBIT, Hyderabad from 29-06-2020 to 05-07-2020
12. Attended Four Days Online Course on "Examination Reforms" Conducted during 22-25, April 2020, Organized by AICTE.
13. Participated in Second Edition of Two Day Workshop and Vendors Meet on "Advanced Solar PV Technologies", Organized by SEPA at IICT, Hyderabad, during 14-15 Oct, 2019.
14. Attended two day work shop on "Leadership Challenges to Professional Woman", during 4-5 Jan 2019, organized by Wie(IEEE)&OUCE, Hyderabad.
15. Attended a One Week GIAN course on "Integration of Electrically Coupled Energy Resources and Apparatus in Electrical Power Systems" , organized by IIT Bhubaneswar, during 19-23 Feb, 2018.

Details of Journal Publications/ Conferences (**National and International**)

International/National Journals from the Year 2017:

1. **K.Krishnaveni** "Assessment and Evaluation of Professional Skills in Engineering Education", Journal of Interdisciplinary Cycle Research, Vol. XIII, issue VI, pp.986-996, June 021.
2. **K. Krishnaveni** and M. Swamy Das, G. Suresh Babu, T. Murali Krishna and N. VasanthaGowri, "Alternative Approaches for Laboratory Learning and Assessment in Engineering Education – Open Source Alternatives", International Journal of Electrical Engineering and Technology (IJEET), 12(6), 2021, pp.221-230, June 2020, Impact factor 3.07, ISSN-0976-6553,doi:10.34218/IJEET.12.6.2021.021.
3. P. Kowstubha, **K.Krishnaveni,** Bandela Supriya, C.Mahesh "A New hybrid Control Scheme for Seven level Asymmetric Cascaded H-Bridge Multilevel Inverter", Journal of Interdisciplinary Cycle Research, Vol. XIII, issue IV, pp.2079-2087, April 2021.
4. **K. Krishnaveni,** Raga Batta, Sowmya. D; Rahul. B, Ranadheer.K, "Multi-Motor Condition Monitoring System Using Iot", Proteus Journal(Multidisciplinary Journal, Vol. 12, No. 4, pp. 14-19, April 2021, ISSN 0889-6348, Impact factor –1.125. (**WOS Indexed**)
5. Ch.Venkata Krishna Reddy, K.Krishna Veni, G.Tulasi Ram Das(2019) "ANN Controller for Damping of Oscillations using Interline Power Flow Controller of AC Transmission System", International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-6,
6. MuraliKrishna.T, Krishna Veni.K, SureshBabu.G, Sushma.D., Harish, C. (2019) "Performance evaluation of Induction motor for Unipolar and Bipolar Pulse Width Modulation Techniques", International Journal of Innovative Technology and Exploring Engineering, vol-8, Issue-10 pp.3626 -3629.
7. Divya Sai Nemmani, Ravi Kumar Bayyarapu, Bhagyasri Ravva, Krishnaveni Kondreddi, Yagna Prasad Kotra(2019) "SCADA System Application for Power Distribution in Hyderabad City", Journal of Computational Information Systems pp79-88.
8. Ch.Venkata Krishna Reddy, G.Tulasi Ram Das, K.Krishna Veni(2019) "Analysis of AC Transmission System Using Fuzzy Logic Controller for Damping of Low Frequency Oscillations with Interline Power Flow Controller" , International Journal of Applied Engineering Research ISSN 0973-4562 Volume 14,

Number 9 pp. 2148-2155

9. K. Krishnaveni, TM Krishna, YL Priyanka(2018) “SPWM Based Matrix Converter for Industrial Application-MATLAB Simulation”, International Journal of Mechanical Engineering and Technology, Vol-9, Issue-4, pp. 346-352,
10. Ch.Venkata Krishna Reddy, K.Krishna Veni, G.Tulasi Ram Das(2018) “Analysis of AC Transmission System using IPFC for Damping of Low Frequency Oscillations with PI Controller” International Journal of Applied Engineering Research, Vol.13, No.6, pp. 4434-4439, ISSN:0973-9769, UGC Approved.
11. Palle Kowstubha, K Krishnaveni, K Ramesh Reddy(2017) “Electronic Power Conditioner for Ku-Band Travelling Wave Tube”, Springer: J. Inst. Eng. India Ser. B Published online on 26th July 2016 with DOI 10.1007/s40031-016-0257-1. , Vol. 98, Issue No.02, pp 213-220.

International /National Conferences from the Year 2017:

12. P.Kowstubha, , K.Krishnaveni, “Design and Control of LLC Resonant Converter used in Distributed Power Systems”, Power Engineering Research Summit (PERS’20),organized by SREC, Coimbatore, 29th Feb’ 2020.
13. Heena Nikhat, K.Krishnaveni, N.R.SaiVarun, “ Application of Z-Source Sparse Matrix Converter for Microturbine Generators with Fuzzy and PI controllers –A comparison", ICIMES-2019, MRCET, Hyderabad, 21-22 June, 2019.
14. V.Chandra Sekhar, K.Krishnaveni, “Comparative study of different PWM Techniques used for Five-Level Cascaded H- Bridge Inverter based DSTATCOM”, international conference, IEEE-ICRIEECE ,KITS, Bhubaneswar, July 2018.
15. G.Surender, K.Krishnaveni, B.P.Muni “Modeling, Analysis and Simulation of Two-level and Three-level Voltage Source Converter for HVDC System’, international conference, IEEE-ICRIEECE ,KITS, Bhubaneswar., July 2018