

Name of Faculty	Dr.P.VENKATA PRASAD		
Designation	Professor		
Nature of Job/Appointment	Regular		
Date of Joining	13-10 -2000		
E-mail	pvprasad_eee@cbit.ac.in		
Education Qualifications	Name of the Degree	Class	
	Ph. D	Doctor of Philosophy (EEE)	Awarded
	PG	M. Tech. (EPS)	Distinction
	UG	B. Tech (EEE)	First
Work Experience			
	Teaching	22 years	
	Research	13 years	
	Industry	--	
	Others	--	
Area of Specialization	Electrical Power Systems		
Professional Memberships	1. Senior Member, IEEE, Number : 94085341 2. Fellow, IE(I), Number: F-1248436 3. Life Member, ISTE, Number: LM33895 4. Life Member, SSI, Number: LM 28398		
Responsibilities held at Institution Level	1. Controller of Examination, from 23-06-2018 to till date 2. Head, Department of EEE, 2016 to 2018 3. Worked as Assistant Controller of Examination, from 10-01-2014 to 10-01-2016. 4. Member, Academic Council, from 06-07-2016 to 15-05-2020. 5. Convener, Results Committee, from 23-06-2018 to till date. 6. Convener, Malpractice Committee, from 10-01-2020 to till date 7. Member, Malpractice Committee, from 10-01-2014 to 10-01-2016. 8. Faculty In-charge, Remedial class work under TEQIP-II 9. UPS Maintenance In-charge, from 04-03-2013 to 04-03-2014.		
Responsibilities held at Department Level	1. PG Coordinator, 2. Head, Department of EEE 3. Chairman, Board of Studies, EEE department 4. Member, Board of Studies, EEE department 5. Faculty In-Charge, Engineers Without Borders 6. Faculty In-Charge, IEEE PES Chapter 7. Coordinator, ISO 8. Coordinator, ISTE 9. Chairman, Purchase Committee, Dept.of EEE		
Research Guidance	1. No. of Scholars (Awarded):01 2. No. of Scholars(in progress):10		
Awards Received	1. Best Teacher Award for the Academic Year 2018-19 from CBIT 2. Best Researcher Award from EET CRS 4 th South Asian Education Awards 2019 3. Adarsh Vidhya Saraswati Rashtriya Puraskar Award 20 from Global Management Council, Gujarath. 4. Indo-Asian IIP Distinguished Scientist Award 2021 by IMRF International Publications		
Courses Handled at Under Graduate / Post Graduate Level.	UG: Electrical Circuit Analysis, Power Systems-I, Power Systems-II ,Power System Operation and Control, Switchgear and Protection, Electrical Machines-II, Electrical Machinery-III, Optimization Techniques, Control Systems, Electrical Distribution Systems, Power quality PG: Distribution system planning and Automation, Advanced Computer Methods in Power Systems, Soft computing techniques to power systems, Deregulation of Power Systems, Real Time Applications of Power Systems, Flexible AC Transmission Systems, Power System Analysis		

No. of Papers Published	National Journals – 14	International Journals – 18
	National Conference – 17	International Conference –24
Projects Carried out	1. Received Rs.12,25,000/- from the AICTE for the project titled Modernization of Power systems Laboratory under the scheme MODROBS in the A.Y 2013-14	
Patents	1. M.Bala Subba reddy, Divyanshi Dwivedi, P.V.Prasad, " A Power transmission network based on optimal generalized interline power flow controller(OGIPFC) for optimal power flow for complex networks to meet increased load demand", published on 11-06-2021	
Technology Transfer	--	
Invited Speaker	--	
No. of Books/Chapter Published with details	1. Published Book Titled "Basic Electrical Engineering : (As per AICTE Model Curriculum 2018)", Cengage Learning Publishers, 2019 2. Published Book Titled "Electrical Engineering Concepts and Applications", Cengage Learning Publishers, 1st Edition 2018	
	Attended	
	1. One Week Faculty Development Program on "AI Techniques to Electrical Engineering" organized by ,UGC-HRDC, JNTUH during 06-07-2020 to 10-07-2020 2. Successfully Completed "Electrical Power Systems" an online non-credit course authorized by University at Buffalo and The State University of Newyork offered through Coursera on 23-06-2020 3. Successfully Completed "Solar Energy Basics" an online non-credit course authorized by The State University of Newyork offered through Coursera on 19-06-2020 4. Successfully Completed "Linear Circuits-1" an online non-credit course authorized by Georgia Institute of Technology through Coursera on 25-05-2020 5. Successfully Completed "AI for Everyone" an online non-credit course authorized by Deeplearning.ai offered through Coursera on 21-04 -2020 6. Five day Online workshop on "Future Trends in Green Technology" organized by MANIT, Bhopal, during 22-06-2020 to 26-06-2020 7. Three Day hands on workshop on "The Bodhi Tree and SAFE Tools for Effective online Teaching" organized by IIT Bombay, during 19-06-2020 to 22-06-2020 8. One Week International Faculty Development Program on "Recent Strategies on Micro and Smart Grid Technologies" organized by GMRIT, Rajam, during 15-06-2020 to 19-06-2020 9. One Week Faculty Development Program on "Design of Solar PV System using PVSYST software" organized by Vaagdevi College of Engineering, during 09-06-2020 to 13-06-2020 10. One Week Faculty Development Program on " AI, Machine Learning, IOT and Bigdata Applications in Power electronics, and Its allied areas " organized by Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, during 01-06-2020 to 06-06-2020 11. One Week Faculty Development Program on " Outcome Based Education and NBA Accreditation Process(UG) " organized by CBIT during 28-05-2020 to 01-06-2020 12. One Week Faculty Development Program on " Promoting Quality Culture in Technical Institutions " organized by IQAC, AISSMS College of Engineering, Pune during 25-05-2020 to 29-05-2020 13. Five day National level Online Faculty Development Program on "Cutting Edge Technologies for Electrical Engineering" organized by Andhra Loyola Institute of Engineering and Technology, during 18-05-2020 to 22-05-2020 14. AICTE Sponsored One Week Faculty Development Program on " Outcome based Education: A step towards Excellence " organized by Govt. College of Engineering, Karad during 11-05-2020 to 15-05-2020 15. AICTE sponsored one week online course on "	
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (Attended and/or Organized).		

Examination Reforms" organized by IDC, AICTE, during 29-04-2020 to 02-05-2020

Organized

1. Organized two webinars under the IEEE PES Chapter in the AY 20-21
2. Organized three webinars under IEEE PES Chapter in the AY19-20
3. Organized three-day workshop titled "Simulation of Power Electronic Converters(SPEC-2018)" Dept.of EEE in association with IEEE PES student chapter and EEE Association, CBIT during 26-02-2018 to 28-02-2018
4. Organized two-week AICTE sponsored Faculty Development Program "Power Electronic to Renewable Energy Systems" Dept.of EEE, CBIT during 13-11-2017 to 25-11-2017
5. Organized two-day workshop titled "Practical Aspects of Renewable Energy Sources" Dept.of EEE in association with IEEE PES student chapter and Energy Saver's Club during 27-03-2017 to 28-03-2017
6. Organized R & D conclave on " Challenges and Opportunities for Research and Development of Power and Energy " Dept.of EEE, CBIT during 01-02-2017 to 03-02-2017

Details of Journal Publications/ Conferences (National and International)

International Journals

1. M.Balasubbareddy, P.Venkata Prasad, Saini Varshini, "A Novel Power quality conditioner with UPQC" GIS Science Journal, Vol.8, Issue.3, March 2021, PP.1171-1179.
2. P.V.Prasad and S.Karuna(2019) "Power quality improvement using DSTATCOM with pso tuned PI controller" International Research Journal of Engineering and Technology(IRJET), Volume.06, Issue.07, pp.2219-2227
3. P.V.Prasad, N.Usha and K.Rameshreddy(2019) "A Simplified control strategy for an enhanced performance of six level dual inverter fed Induction motor drive" International Journal of Engineering and Advanced Technology(IJEAT), Volume.8, Issue.6, pp. 1563-1567
4. P.V.Prasad, S.R.Reddy and G.N.Srinivas(2018) "Four-leg VSI based DSTATCOM for compensating Non-Linear and Un-Balanced loads " Majlesi Journal of Electrical Engineering, Volume.12, No.4, pp.49-57
5. M.Thirupathiah, P.V.Prasad and V.Ganesh(2018) "Enhancement of Power Quality in Wind Power Distribution System by Using Hybrid PSO-Firefly based DSTATCOM" International Journal of Renewable Energy Research,Volume.8 No.2, pp.1138-1154
6. P.V.Prasad, N.Usha and K.Rameshreddy (2018)"Analysis of Effects of Input Current Sub Harmonics and Inter Harmonics on Induction Motor Drive" International Review of Automatic Control, Praise Worthy Prize publications, Volume.11,No.1,pp.23-28
7. P.V.Prasad, S.R.Reddy and G.N.Srinivas(2018) "Design of PI and Fuzzy Logic Controllers for Distribution Static Compensator" International Journal of Power Electronics and Drive System(IJPEDS), Volume.09, No.2,pp.465-477
8. P.V.Prasad, S.R.Reddy and G.N.Srinivas(2018) "Simulation and Comparison of Twenty Five Level Diode Clamped & Cascaded H-Bridge Multilevel Inverter" Iranian Journal of Electrical and Electronic Engineering, Volume.14, No.1,pp.95104-372
9. P.V.Prasad, N.Usha and K.Rameshreddy(2017) "A Cuk Converter based Sag and Swell Compensation for an Induction Motor Drive" International Journal of Emerging Technology and Advanced Engineering, Volume.7, Issue no.1, pp.9-13
10. P.V.Prasad, S.R.Reddy and G.N.Srinivas(2017) "Power Quality Improvement Using Cascaded H-Bridge D-Statcom" International Journal of Advanced Technology in Engineering and Science, Volume.5 Issue No.3, pp.362-372

National Journals

1. P.V.Prasad and M.Balasubbareddy(2019) "Distribution network reconfiguration using GA and BPSO" i-manager's Journal on Power Systems Engineering, Volume.06, No.04, pp.37-44
2. P.V.Prasad, M.Balasubbareddy and A.Bhanuchander(2017) "Simplified technique for Newton-Raphson power flow solution in Polar form using Hybrid bus" The Journal of CPRI, Volume.13, No.3,pp.395-403

International Conferences

1. P.V.Prasad, P.Sreelekha, " Optimal distributed generator and shunt capacitor in radial distribution system using particle swarm optimization" A Two day International Conference on Emerging Trends in Circuit branch Technologies and Applications (ETCTA-2021), Organized by CBIT, 3-4 April 2021
2. P.V.Prasad, S.R.Redd and G.N.Srinivas(2019) " Power quality enhancement using particle swarm optimization based shunt active power filter" Springer Publication (First International Conference on Advances in Electrical and Computer Technologies 2019(ICAECT-2019) Proceedings of the

ICAECT 2019–Volume-1, Coimbatore, Tamilnadu, pp.26-27

3. P.V.Prasad and M.Balasubbareddy(2018) "Multi-Objective Optimal Power flow with generalized Interline Power flow Controller using NSHCSA" International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing organized by Priyadarshini Engineering College, Vellore, Tamilnadu.
4. P.V.Prasad, N.Usha and K.Rameshreddy(2018) "Compensation of Symmetrical and Unsymmetrical Voltage Sags and Swell for an Induction motor Drive by using Cuk Converter" International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing organized by Priyadarshini Engineering College, Vellore, Tamilnadu.
5. P.V.Prasad, S.R.Reddy and G.N.Srinivas(2018) "Simulation and Comparison of 25 level Diode Clamped and Cascaded H-Bridge Multilevel Inverter" 4th International Conference on Electrical, Electronics, Instrumentation & Computer Communication, organized by Dept.of Electronics and Instrumentation Engineering, Karpagam College of Engineering, Coimbatore
6. P.V.Prasad and Rakesh,(2017) "A Hybrid Algorithm for Optimal allocation of DG in Radial Distribution Systems" Spring conference of IEEE Region 10, IEEE TENSYPMP 2017 conducted by IEEE Region 10, at Cochin, Kerala
7. P.V.Prasad, M.Thirupathaiah and V.Ganesh(2017) "Enhancement of power quality in wind power distribution system using DVR and DSTATCOM based agent system" IEEE International conference on Innovations in Power and Advanced Computing Technologies(i-PACT2017)(Scopus indexed - IEEE digital library), organized by Dept. of EEE, VIT University, Vellore

National Conferences

1. P.V.Prasad, A.Sai Keerthi, P.Ramya Sree, M.Akshith, "A Method for power system security analysis" National Conference on flourishing areas in electrical and electronics engineering(NACOFEE'21), organized by Dept.of EEE, Kings College of Engineering, Pudukkottai, Tamilnadu, 12th April 2021
2. P.V.Prasad, Harshith varma, Sreeram and Pranay.P(2020) "Contingency Analysis of Power system using Power world simulator" National conference on Recent Trends in Electrical Engineering (RTEE-20), conducted by Department of EEE, MGIT, Hyderabad, PP.251-255.