

	Name		P B Karaandikar	
	Designation		Adjunct Professor	
	Department		Electrical Engineering	
	Qualification		Ph.D. Electrical	
	Contact No.		9420427742	
	E-mail Address		Parag_k_2000@yahoo.com	
	Experience		22 yrs	Industry
Area of Interest				
Area of Interest		Renewable energy systems, Switchgear and Protection		
Publications	International Journal(s):	35	National Journal(s):	1
	International Conference(s):	45	National Conference(s):	14
	Book Chapters	39	Patents	28
Publication Details:	<p>International Journal papers</p> <ol style="list-style-type: none"> 1. Voltage flicker noise in wind turbine output Author(s): Datta Chavan; Anupama Singh; P B Karandikar Himanshu Rana; et al. Source: International Journal of Control Theory and Applications Published: 2017 2. Title: Sixth order model of wind turbine voltage flicker taking into account impact of vertical wind shear Author(s): Datta Chavan; Anupama Singh; Himanshu Rana; P B Karandikar et al. Source: International Journal of Control Theory and Applications Published: 2017 3. Study of Measurement and Control Aspects of Wind Tunnel, VL Koakate, DS Chavan, PB Karandikar, N Mahulkar, International Journal of Innovative Research in Electrical, Electronics , 2014 			

National journal paper 1

1. Wind tunnel R and D need, DS Chavan, VL Kokate, PB Karandikar, Electrical India, Chary Publication, www.electricalindia.in/ 54 (1), 104-109 , 2014

International conference papers 17

1. **Title:** Assessment of flicker owing to turbulence in a wind turbine placed on a hill using wind tunnel
Author(s): Chavan, D.S.; Karandikar, P.B.; Pande, A.K.; et al.
Conference: 2014 International Conference on Circuits, Power and Computing Technologies, ICCPCT 2014 **Pages:** 560-566 **Year:** 2014
DOI: 10.1109/ICCPCT.2014.7054811
2. **Title:** Computation of flicker as a result of turbulence in a wind turbine sited on a green building using wind tunnel
Author(s): Chavan, D.S.; Karandikar, P.B.; Pande, A.K.; et al.
Conference: 2014 International Conference on Circuits, Power and Computing Technologies, ICCPCT 2014 **Pages:** 554-559 **Year:** 2014
DOI: 10.1109/ICCPCT.2014.7054810
3. **Title:** Effect of vertical wind shear on flicker in wind farm
Author(s): Chavan, D.S.; Bhide, S.D.; Karandikar, P.B.
Conference: c2013 IEEE Global Humanitarian Technology
Conference: South Asia Satellite, GHTC-SAS 2013 **Pages:** 203-208 **Year:** 2013
DOI: 10.1109/GHTC-SAS.2013.6629916
4. A Novel Neem based Supercapacitor and its Modeling using Artificial Neural Network, S Mathew, DS Chavan, G Shekhar, PB Karandikar, IEEE International Conference on Power and Advanced Control Engineering, 2015
5. Prediction Of Power Yield From Wind Turbines For Hilly Sites DS Chavan, PB Karandikar IEEE International Future Energy Electronics Conference (IEEE IFEEEC 2015, 2015
6. Generating and Saving Energy By Installing Wind Turbines Along The Railway Tracks., A kumar, DS Chavan, PB Karandikar, IEEE International Conference on Energy Systems and Application ICESA -

2015 , 2015.

7. Assessment of Flicker Due to Vertical Wind Shear in a Wind Turbine Mounted on a Hill with Linear Approach, DS Chavan, PB Karandikar, IEEE, Fourth International Conference on Artificial Intelligence and ...2014
8. Linear Model of Flicker Due to Vertical Wind Shear in a Wind a Turbine Mounted on a Green Building, DS Chavan, PB Karandikar, IEEE, Fourth International Conference on Artificial Intelligence and , 2014
9. Modeling of Flicker in Wind Turbine on a Green Building due to Vertical Wind Shear, DS Chavan, A Rana, MR Singh, SS Deo, PB Karandikar, IEEE, 8th International, Power Engineering and Optimization Conference , 2014
10. Computation of flicker due to vertical wind shear in a wind turbine sited on a hill using wind tunnel, DS Chavan, A Rana, MR Singh, SS Deo, PB Karandikar, IEEE, 8th International Power Engineering and Optimization Conference (PEOCO ... 2014
11. Computation of flicker as a result of turbulence in a wind turbine sited on a green building using wind tunnel, DS Chavan, PB Karandikar, AK Pande, S Kumar, IEEE, International Conference on Circuit, Power and Computing Technologies ... 2014
12. Assessment of flicker owing to turbulence in a wind turbine placed on a hill using wind tunnel, DS Chavan, PB Karandikar, AK Pande, S Kumar, IEEE, International Conference on Circuit, Power and Computing Technologies ... 2014
13. Empirical model of flicker due to vertical wind shear instigated by civilization in a seashore wind turbine using wind tunnel, DS Chavan, A Rana, MR Singh, PB Karandikar, SD Bhide, IEEE, 2nd International Conference on Devices, Circuits and Systems (ICDCS , 2014
14. Modeling of flicker due to vertical wind shear initiated by vegetation in a riverside wind turbine using wind tunnel, DS Chavan, A Rana, MR Singh, PB Karandikar, SD Bhide, IEEE, 2nd International Conference on Devices, Circuits and Systems (ICDCS , 2014
15. Investigations of activated carbon Material for electrodes of hybrid-capacitor NP Mahulkar, V singh, S Singh, DS Chavan, PB Karandikar, National level conference on energy and environment,

	<p>NC2E-2014 ISBN no – 978, 2014</p> <p>16. Influence of horizontal wind shear on flicker emission severity in wind farm. DS Chavan, SD Bhide, PB Karandikar, 4th International Conference on Advances in Energy Research ICAER 2013 , 2013</p> <p>17. Effect of Vertical Wind Shear on Flicker in Wind Farm, DS Chavan, SD Bhide, PB Karandikar, IEEE, Global Humanitarian Technology Conference: South Asia Satellite (GHTC , 1 2013</p>
Books Published	Basic Electrical Engineering, Scitech Publication, 2009
Professional Memberships	Member of Institution of Engineers India IE, Member of Indian society for technical education ISTE,
Workshops/Seminar/ Conferences attended	More than 20