



STAFF PROFILE



Dr. Parashuram Balwant Karandikar

Associate Professor

Electronics & TeleCommunication

pkarandikar@aitpune.edu.in

Educational Details

Qualification	Degree	University	Grade	Year
---------------	--------	------------	-------	------

Experience Details

Type	Duration	Designation/ Organisation Name	Brief Job Profile
------	----------	--------------------------------	-------------------

Journal Publications

1. DIVYA PARASHAR, (2017). SIXTH ORDER MODEL OF WIND TURBINE VOLTAGE FLICKER TAKING INTO ACCOUNT IMPACT OF VERTICAL WIND SHEAR. *INTERNATIONAL JOURNAL OF CONTROL THEORY AND APPLICATIONS*. VOLUME 10(37), 251-263. ISBN/ ISSN No : 0974-5572. URL : www.serialsjournals.com/serialjournalmanager/pdf/1500708115.pdf.
2. P. B KARANDIKAR, DATTA .S. CHAVAN, SHITAL GAIKWAD, (2017). VOLTAGE FLICKER NOISE IN WIND TURBINE OUTPUT. *INTERNATIONAL JOURNAL OF CONTROL THEORY AND APPLICATIONS*. VOLUME 10(37), 133-143. ISBN/ ISSN No : ISSN : 0974-5572. URL : www.serialsjournals.com/serialjournalmanager/pdf/1500707155.pdf.
3. P.B KARANDIKAR, DATTA S. CHAVAN, SHITAL GAIKWAD, (2017). SIXTH ORDER MODEL OF WIND TURBINE VOLTAGE FLICKER TAKING INTO ACCOUNT IMPACT OF VERTICAL WIND SHEAR. *INTERNATIONAL JOURNAL OF CONTROL THEORY AND APPLICATIONS*. VOLUME 10(37), 251-263. ISBN/ ISSN No : ISSN : 0974-5572. URL : www.serialsjournals.com/serialjournalmanager/pdf/1500708115.pdf.
4. P. B Karandikar, Divya Parashar, (2017). Lithium Batteries- Next step in the energy storage world. *Technical Journal of The Institute of Engineers(India) Pune Local Centre*. 41(Nov 2017), 50-54. ISBN/ ISSN No : ISBN- 978-81-924990-5-5.
5. P.B Karandikar, Divya Parashar, Datta S. Chavan, (2017). Sixth Order Model of Wind Turbine Voltage Flicker Taking Into Account Impact of Vertical Wind Shear. *International Journal of Control Theory and Applications*. 10(37), 251-263. ISBN/ ISSN No : 0974-5572. URL : www.serialsjournals.com/serialjournalmanager/pdf/1500708115.pdf.

Conference Publications

1. P.B Karandikar, Divya Parashar, Datta S. Chaven, (2017). [Research Test Set Up For Wind Turbine Models](#). *International Conference on circuits Power and Computing Technologies* . 10(October 2017), 357-360. ISBN/ ISSN No : 978-1-5090-4967-7 .
2. P B Karandikar, (2008). [Characterization of metal oxide based supercapacitor](#). *National conference on Recent Advances and Trends in Electrical Engineering*, . 1(1), 98. ISBN/ ISSN No : ISBN.
3. P B karndikar, (2007). [Applications of supercapacitors for Electronic circuits and devices](#). *23rd National Convention of Electronics and Telecommunication Engineers*. 1(1), 46. ISBN/ ISSN No : ISBN.

Books

1. P B Karandikar, Scitech Publication, (2009). [Basic Electrical Engineering](#). P B Karandikar. ISBN/ ISSN No : ISBN.

Patent

1. P B Karandikar, (2011). 843/MUM/2011. [2\) Regenerative braking in electric two wheeler using supercapacitors](#). 16/09/2011, India.
2. P B Karandikar, (2011). 841/MUM/2011. [3\) Sandwich type supercapacitor making process](#). 23/03/2011, India.
3. P B Karandikar, (2011). 2858/MUM/2010. [1\) Method of manufacturing electrode for supercapacitor](#). 07/01/2011, India.

Research Grants

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Role of Investigator
------------------	----------------	----------	-------------------	----------------------

Consultancy

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Investigator Role
------------------	----------------	----------	-------------------	-------------------

Professional Memberships

Society	Membership No	Duration
---------	---------------	----------

No of PhD Students Guided : 0

No of PG Students Guided : 0