

PROFILE

Mr. **Badrinarayan B. Pimple**

Mob: - 9920935214

E-mail: b_pimple@spce.ac.in



PROFESSIONAL QUALIFICATION

Sr. No.	Degree	Program/Specialisation	University	Year of Passing
1.	Bachelor of Engg.	Electrical Engineering	Amravati	1996
2.	Master of Technology	Integrated Power System	VRCE, Nagpur	1998
3.	Doctor of Philosophy	Power Electronics and Drives	IIT Bombay, Mumbai	2016

EXPERIENCE

Sr. No.	Organisation	Designation	Year of Induction
1.	Sardar Patel College of Engineering Andheri (West), Mumbai	Associate Professor	March 2006 – Till date
2.	Sardar Patel College of Engineering Andheri (West), Mumbai	Assistant Professor	Mar. 2003 – Mar. 2006
3.	Sardar Patel College of Engineering Andheri (West), Mumbai	Lecturer	July 1998 – March 2003

PROFESSIONAL MEMBERSHIP

Sr. No.	Name of professional society	Membership ID
1.	Indian Society for Nondestructive Testing	LM-6002
2.	Institute of Engineering and Technology	
3.	The Indian Society for Technical Education	LM-32956

PAPERS PUBLISHED

International Journal

Sr. No.	Authors	Title of paper	Publisher	Year
1.	BB Pimple, VY Vekhande, BG Fernandes,	Compensation of negative sequence stator flux of doubly-fed induction generator using polar voltage control-based direct torque control under unbalanced grid voltage condition	The Journal of Engineering.	2015
2.	Badrinarayan B Pimple, NNV Surendra Babu	Understanding rotor flux behaviour of a multi-megawatt DFIG in wind energy conversion	Inderscience Publishers (IEL)	2024
3.	Prathmesh Jadhav, Badrinarayan B. Pimple	Decoupled Power flow Management In TAB-IBDC Converter for HESS Application in EV System	Inderscience Publishers (IEL)	Entering in Publication schedule

International Conference

Sr. No.	Authors	Title of paper	Publisher	Year
1.	BB Pimple, VY Vekhande, BG Fernandes	New direct torque control of DFIG under balanced and unbalanced grid voltage	IEEE (TENCON)	2010

2	BB Pimple, VY Vekhande, BG Fernandes	A new direct torque control of doubly fed induction generator for wind power generation	IEEE (IICPE)	2010
3.	BB Pimple, VY Vekhande, BG Fernandes	A new direct torque control of doubly-fed induction generator under unbalanced grid voltage	IEEE (APEC)	2011
4.	V Vekhande, BB Pimple, BG Fernandes	Modulation of Indirect Matrix Converter under unbalanced source voltage condition	IEEE (ECCE)	2011
5.	AU Gadekar, RJ Nagla, BB Pimple	Injection of reactive power into the grid by polar voltage control technique for wind power applications	IET	2015
6.	S Gudhe, BB Pimple	Improved torque response of induction motor drive using direct torque control technique applying Fuzzy Logic Control	IEEE (ICPEICES),	2016
7.	P Rao, V Siraswar, BB Pimple	Efficient implementation of MPPT and comparison of converter for variable load Solar PV system	IEEE ICECCT	2017
8.	P Kulkarni, U Surve, A Srivastava, BB Pimple	Improved Pulse-Width Modulation Technique for 11-level Series-Parallel Switched Hybrid Inverter	IEEE (PEDES)	2018
10.	A Hingmire, BB Pimple	Simulation and Analysis Studies of Speed Control of Brushless DC Motor Using Hall Sensors	IEEE (ICSEDPS)	2018
11.	Parag Karekar, C Shrutika, BB Pimple	Torque ripple minimization of bldc motor drive using dc link current control with low pass compensator	IEEE (PARC)	2020
12.	Parag Karekar, C Shrutika, S Shadab, BB Pimple, SR Wagh	Real-time simulation for torque ripple minimization of bldc motor using low pass compensator	IEEE (ICEM)	2020
13.	Jenson Joseph Attukadavil, Ravina Sawant, BB Pimple	A Novel Model Predictive Control Based MPPT Tracking Algorithm for Solar Power	Springer	2020

National Journals

Sr. No.	Authors	Title of paper	Publisher	Year
1.	NIL			

National Conference

Sr. No.	Authors	Title of paper	Publisher	Year
1.	NH Agarwal, BB Pimple	Solar photovoltaic array based brushless DC motor for fans in Indian railways using maximum power point tracking algorithm	NSC (National System Conference)	2015

WORKSHOP / COURSES ATTENDED

Sr. No.	Organizer	Title	Year
1.	National Productivity Cell	Right to information Act-2005 and Modern IT Practises.	2014
2.	SPCE-TEQIP-II and IIT Mumbai	MEMS- Design, Fabrication, and Characterisation	2016
3.	Engineering Staff college of India (ESCI), Hyderabad	Quality Initiatives in Technical and Higher Educational Institutions	2016
4.	Govt. Engineering, Amravati (AICTE Sponsored)	Recent Trends in Power System, operation, Control and Protection	2018
6	IIT Bombay	Practical Optimization	2020

WORKSHOP / COURSES CONDUCTED

Sr. No.	Organizer	Title	Year
1.	NIL		

ONLINE COURSES

Sr. No.	Organizer (AICTE/ Swayam / NPTEL / Coursera)	Title	Year
1.			

CONFERENCE ATTENDED

Sr. No.	Organizer	Title	Year
1			

CONFERENCE ORGANIZED

Sr. No.	Organizer	Title	Year
1.	NIL		

EVENTS ORGANIZED

Sr. No.	Organizer	Title	Year
1.			

PROJECTS GUIDED

PG Level

Sr. No.	Title of project	Year	Status (Completed/ Ongoing)
1.	NIL		

Ph.D. Level

Sr. No.	Title of thesis	Year	Status (Completed/ Ongoing)
1.	NIL		

SUBJECTS TAUGHT

Sr. No.	Name of subject	UG/ PG
1.		

ACHIEVEMENT

Sr. No.	Type of achievement	Year
1.		

DEPARTMENTAL AND INSTITUTIONAL RESPONSIBILITIES

Sr. No.	Type of responsibility	Department / Institute	Year
1.			

INDUSTRIAL TRAINING ATTENDED

Sr. No.	Organizer	Title	Year
1.			

INDUSTRIAL TRAINING ORGANIZED

Sr. No.	Organizer	Title	Year
1.			

EXPERT LECTURE CONDUCTED / ORGANIZED

Sr. No.	Organized/Conducted	Title	Year
1.			

FUNDED RESEARCH PROJECT

Sr. No.	Funding agency	Title	Sanctioned amount	Duration with dates	Status (Completed / ongoing)
1.					

REVIEWER

Sr. No.	Title of journal / conference	Year
1.		

CONSULTANCY / TESTING / THIRD PARTY AUDIT

Sr. No.	Organizer	Type of consultancy	Year
1.	Deputy Engineer(Elect.) Maharashtra Film, stage and cultural, Development, Corporation, Ltd. Dadasaheb Phalke Chitranagari, Goregaon(E), Mumbai-65	Faculty Involved: Dr. B. B. Pimple Prof. N. G. Bhitre Amount: Rs. 90,000/- Nature: Third Party Inspection of Work “SITC of 1000 KVA substation at link road” at Filmcity	2017
2.	Executive Engineer, Bhiwandi-Nizampur, Municipal Corporation, Bhiwandi	Faculty Involved: Dr. B. B. Pimple Prof. N. G. Bhitre Amount: Rs.100,000/- Nature of Work: Third party Audit of Installation and commissioning of 100 kW Solar Panel in Bhiwandi Nizampur City Corporation (BNCC	2021
3.	Executive Engineer, Vasai-Virar Municipal Corporation, Vasai	Faculty Involved: Dr. B. B. Pimple Prof. N. G. Bhitre Amount: Rs. 4,93,184/- Nature of Work: Third Party Audit of “Installation of street light poles and electrification work at Vasai Virar City Municipal Corporation Area.	2024