


Name	Dr.M.Satyendra Kumar Shet		
	Designation	Professor	
	Email	Satyendra@nitte.edu.in	
	Contact No.	98455 90583	
	Joining Date	15/09/2012	
Educational Qualifications			
Ph.D			
	Specialization	Power Electronics and Drives	
	University	National Institute of Technology , Karnataka	
	Year	2011	
M.Tech			
	Specialization	Power Electronics	
	University	Bangalore University	
	Year	1994	
B.E			
	Specialization	Electrical	
	University	Mangalore University	
	Year	1987	
Past Experience			
Teaching	Institution	<ul style="list-style-type: none"> a. KVGCE b. KREC c. NMAMIT, Nitte d. SJEC, Mangalore 	

	Position	a. Lecturer b. Asst. Lecturer c. Lecturer to Asst. Professor d. Asst. Professor to Professor	
	From	1987 to	
	To	2017	
Areas of Interest			
1.	Power Electronics & Drives, Renewable energy Systems,		
2.	Switch mode power converters		
3.	Energy audit and energy management,		
4.	Electric Vehicle		
Departmental Responsibilities			
1.	HOD, BOS and Member		
2.	Design & development of all E & E Engg Laboratories		
3.	Organized International Conference, state level project exhibition & competitions, seminars & student welfare programmes		
4.	Also 11 years as NCC officer		
Professional Memberships			
1.	ISTE Life member		
2.	ISHRAE		
Subjects Handled			
1.	Electrical Machines :D.C and AC Machines,		
2.	Transmission and Distribution		
3.	Switch Gear and Protection		

4.	Economics and Estimation
5.	AC and DC drives
6.	Solid State Power Controllers
7.	Industrial Drives and applications
8.	Electrical power Utilization
9.	Digital Control Systems

B.E., M. Tech, PhD projects guided

(Name of the Project/ Name of students/ Year)

If you don't have the details kindly mention the number of Projects Guided year wise

Ph.D

1. 1

M.Tech

1. 8

B.E

1. 18

Conference/Journal publications

Kindly follow the format (Author(s) / Title/ Journal Name / Vol/ Issue /Date/Page)

International Journals

1.	M. Sateyndra Kumar and Shripad T. Revankar, "Development Scheme and key technology of Electric vehicle: An Overview" Renewable and Sustainable Energy Reviews 70 (2017) 1266-1285, Science Direct-Elsevier Editorial system. http://dx.doi.org/10.1016/j.rser.2016.12.027
2.	M. Sateyndra Kumar and Shareen, "Design of Input Filter for Current Programmed Buck Converters Using Ridley's Model" International Journal of Electrical systems and control, Vol.4, No.2, July-December 2012, PP.113-118.
3.	M. Sateyndra Kumar and Deepthi Rani M, "Modular Approach of Dynamic Modeling of Type-3 Wind Energy Conversion System" International Journal of Renewable Energy and Environmental Engineering ISSN 2348-0157, Vol. 05, No. 01, Jan-Mar 2017, pp 01-07.
4.	M.Satyendra Kumar, "Switched Capacitor Boost Converter"

	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume5, Special Issue 9, May 2016 ISSN(On line): 2319-8753, ISSN (Print):2347-6710.
5.	M. Sateyindra Kumar and Praveen "Modeling and Simulation of Induction Motor in Stator and Synchronous reference frames" International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume5, Special Issue 9,May 2016 ISSN(On line): 2319-8753, ISSN (Print):2347-6710.
6.	M. Sateyindra Kumar and Udyakumar R. Y, "Stability Analysis of a Novel PMBLDC Motor Drive for a Electric Scooter Application", in <i>Proc. Annual IEEE India Conference(INDICON)</i> , Dec.2015, PP1-6. IEEE <i>Xplore</i> Digital Library, DOI: 10.1109/INDICON.2015.7443452 Electronic ISSN: 2325-9418
7.	M. Sateyindra Kumar, N.Subramonium and P. Shetty, "Closed loop control system modeling of Permanent Magnet Brushless DC Motor", in <i>Proc. 2nd IEEE International Conference on Electronics and Communication System (ICECS 2015)</i> , Page: 787-791 IEEE <i>Xplore</i> Digital Library, DOI: 10.1109/ECS.2015.7125019 , ISBN: 978-1-4799-7224-1
8.	M. Sateyindra Kumar, P. Shetty and N.Subramonium,"Mathematical Modeling of Permanent Magnet Brushless DC Motor for Electric Scooter" in <i>Proc. 5th IEEE International Conference on Communication Systems and Network Technologies (CSNT2015)</i> , IEEE Computer Society, Page: 1222-1226 IEEE <i>Xplore</i> Digital Library, DOI 10.1109/CSNT.2015.110,978-1-4799-1797-6/15 \$31.00 © 2015 IEEE
9.	M. Sateyindra Kumar and K. LathaShenoy, "Design Topology and Electromagnetic Field Analysis of Permanent Magnet Brushless DC Motor for Electric Scooter Application" in <i>Proc. IEEE International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT-2016)</i> . IEEE <i>Xplore</i> Digital Library, 978-1-4673-9939-5/16/\$31.00 ©2016 IEEE
International Conferences	
1.	M. Sateyindra Kumar and Mahadevaswamy, "Development of an efficient DC-DC converter using switched capacitor topology" in <i>Proc. IEEE International Conference on Advanced Communication Control and computing technologies (ICACCCT-2016)</i> , PP 412-416. IEEE <i>Xplore</i> Digital Library, ISBN no: 978-1-4673-9545-8

2.	<p>M. Sateyindra Kumar and Deepthi Rani M, "Development of Doubly Fed Induction Generator Equivalent Circuit and Stability Analysis Applicable for Wind Energy Systems" in Proc. IEEE International Conference on Recent Advances in Electronics and Communication Technology 2017 (ICRAECT 2017) March 16th -17, 2017,SJBIT, Bengaluru.</p> <p>IEEE Xplore Digital Library, ISBN no: 978-1-5090-6701-5/17 \$31.00 ©2017 IEEE DOI10.1109/ICRAECT.2017.34</p>
3.	<p>M. Sateyindra Kumar and Shareen, "Design of Input Filter for Current Programmed Buck Converters Using Ridley's Model" <i>International Conference on Current Trends in Engineering and Management</i>, (ICCTEM- 2012), July 12-14, 2012.</p>
4.	<p>M. Sateyindra Kumar and Mahadevaswamy, "Switched Capacitor Boost Converter",<i>International Conference on Emerging Trends in Engineering</i> (ICETE2016), 12th and 13th May 2016, NMAM Institute of Technology, Nitte.</p>
5.	<p>M. Sateyindra Kumar and Praveen "Modeling and Simulation of Induction Motor in Stator and Synchronous reference frames" <i>International Conference on Emerging Trends in Engineering</i> (ICETE2016), 12th and 13th May 2016, NMAM Institute of Technology, Nitte.</p>
National Conferences	
1.	<p>M. Sateyindra Kumar and Deepthi Rani M, "Modular Approach of Dynamic Modeling of Type-3 Wind Energy Conversion System" <i>NATIONAL IEEE CONFERENCE ON ADVANCES IN CONTROL, POWER & ENERGY SYSTEMS</i> (ACPES-2017), 24-26, February 2017, Hyderabad IEEE STUDENT BRANCH, Bharat Institute of Engineering and Technology, Hyderabad.</p>