


Name	GIRISHA JOSHI		
	Designation	Assistant professor Gd-II	
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	Contact No.	9886645428	
	Joining Date	15/07/2016	
Educational Qualifications			
M.Tech			
	Specialization	Power Electronics	
	University		VTU
	Year		2012
B.E			
	Specialization		Electrical & Electronics Engineering
	University		VTU
	Year		2007
Past Experience			
Teaching	Institution		SJEC, Mangaluru
	Position		Assistant Professor
	From		2008
	To		2016
Industry	Name		ABB Ltd.
	Position		Site Engineer
	From		2007

	To		2008
Areas of Interest			
1.	Power Electronics		
2.	Artificial Neural Network		
3.	Fuzzy Logic		
4.	LabVIEW		
Departmental Responsibilities			
1.	Class Advisor		
2.	BOS member for PG		
3.	Sports Coordinator		
Subjects Handled			
1.	Power Electronics		
2.	Basic Electrical Engineering		
3.	Instrumentation and Measurements		
4.	Soft Computing		
5.	Modeling and Simulation of Power Electronic Systems		
6.	AC-DC drives		
7.	Electrical machine Design		
8.	DC and Synchronous Machines		
9.	Transformers and Induction Motors		
10.	Electrical Design Estimation and Costing		
11.	Electrical Power Utilization		
12.	Field Theory		
13.	Industrial Drives and Applications		
14.	Analog Electronic Circuits		

15.	Advanced Topics in Power Electronic Systems
16.	Power Electronics in Smart Grid
17.	Electrical Power Generation

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

M.Tech	
1.	2012-2013 -----1
2.	2013-2014 -----1
3.	2014-2015 -----1
4.	2015-2016 -----1

B.E	
1.	2008-2009-----1
2.	2009-2010-----1
3.	2012-2013-----1
4.	2013-2014-----1
5.	2014-2015-----1
6.	2015-2016 Dual axis solar tracking using LabVIEW

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

International Journals	
1.	Manasa.M.Shetty, Girisha Joshi published Simulation of MPPT using Fuzzy Logic Controller for AC Drive in International journal of innovative research in electrical, electronics, instrumentation and control engineering Vol. 3, Special Issue 1, April 2015.
2.	Oshin O Laxman, Girisha Joshi published Motor Speed control using co-simulation of MULTISIM and LABVIEW in International Journal of innovative research in electrical, electronics,

	instrumentation and control engineering electrical, electronics, instrumentation and control engineering Vol. 4, Special issue 2, April 2016
International Conferences	
1.	Study of AHCS method for Grid Connected Wind Energy Conversion System in International conference on Emerging Trends in Engineering, ICETE-12 held during 15th and 16th May 2012 at NMAMIT, Nitte.
2.	Simulation of MPPT using Fuzzy logic controller for Induction Motor in International conference on emerging trends in engineering ICETE-15 during 8th to 9th May 2015 at NMAMIT, Nitte
3.	Open loop control of a magnetically coupled bidirectional battery charger in International conference ICCTEM-14 during 17-19th July 2014 at Vidyavardhaka college of Engineering, Mysore
National Conferences	
1.	Type 1 Fuzzy Logic and Interval Type 2 fuzzy logic for Sliding mode control- A Comparative study applied to DC- DC Converters in National conference on Communication control and computing 11th and 12th of February, 2011 held at St. Joseph engineering college Vamanjoor.
2.	Implementation of MAC unit for FILTER operation in National conference on Modern Trends in Science and Technology, MTST-11 held during October 14th and 15th, 2011 at Dr. M.V. Shetty Institute of Technology, Moodbidri, Mangalore
3.	Resonant Switching Buck Converter with Active Clamp in National conference IESPEC-2013 held during 7th to 8th March 2013 at IES College of Engineering, Chittilappilly.
4.	Simulation of MPPT using Fuzzy Logic Controller for AC Drive in

	National Conference on Advanced Innovation in Engineering and Technology (NCAIET-2015) on 24th to 25th April 2015 at Alva's Institute of Engineering and Technology, Moodbidri.
5.	Simulation of MPPT using Fuzzy logic controller for Resistive load in National conference on advances in Electrical engineering NCAEE-2015 on 2nd April 2015 at NMAMIT, Nitte
6.	Field Oriented control of Induction Motor – A Literature Review in 8th National Conference on ADVANCES IN ENERGY CONVERSION TECHNOLOGIES – 2016 during 28 th - 30 th January 2016 at MIT, Manipal.
Additional Information (Major Workshops /STTPs / FDP Organized attended /, Resource Person in FDP/STTP/ Workshop, Member of Review committee in Journal, Research / Consultancy Activity associated	
1.	Stability and Control in Power Systems at A.I.T Chikmagalur from 29-3-2007 to 31-3-2007.
2.	TEQIP sponsored Theme workshop on Emerging Trends in Distribution System held during October 24th -26th, 2008 at NITK, Surathkal.
3.	LABVIEW and VIRTUAL INSTRUMENTATION PACKAGE held during 1st to 3rd, April 2009 at SJEC, Mangalore.
4.	Workshop on Power System Simulation-PSSWS 2011 held during 8th and 9th February 2011 at SJEC, Mangalore.
5.	Two day Faculty training Programme on Embedded Control System Design Using LabView from 18th to 19th March 2011 held at BMS college of Engineering, Bangalore.
6.	Participated in the LABVIEW workshop held on 3rd September 2011 at Alva's Institute of Engineering and Technology.
7.	Workshop on PIC – Microcontrollers held during 6th to 11th February 2012 at SJEC, Mangalore.
8.	Workshop on Analog Electronics , Under the National Mission on Education through ICT (MHRD, Govt. of India) at Srinivas Institute of Technology Valachil, Mangalore from 04/06/2013 to 14/06/2013.
9.	The Faculty Development Programme on Power Electronics in Smart Grid at BMS College of Engineering, Bangalore from

	19/08/2013 to 23/08/2013.
10.	AICTE BRNS sponsored Faculty Development Program on Recent Trends in Process Control and Systems organized by Manipal Institute of Technology, Manipal from 06/01/2014 to 10/01/2014.
11.	Hands on workshop on PIC Microcontrollers from 2nd to 4th June 2014 at SJEC Mangaluru.
12.	Hands on LABVIEW Workshop conducted by the office of Dean Research and Consultancy at SJEC, Mangaluru from 12th to 16th January 2015.
13.	Hands on LABVIEW Workshop conducted by the office of Dean Research and Consultancy at SJEC, Mangaluru from 20th to 25th July 2015.
14.	Hands on LABVIEW Workshop conducted by the office of Dean Research and Consultancy at SJEC, Mangaluru from 11th to 15th January 2016