


Faculty details- EE Department

Name		K. VASUDEVA SHETTIGAR	
	Designation	ASSOCIATE PROFESSOR	
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	Contact No.	9845913123	
	Joining Date	16-11-1987	
Educational Qualifications			
M.Tech			
	Specialization	Power Systems	
	University	Mysore University	
	Year	1992	
B.E			
	Specialization	Electrical & Electronics Engineering	
	University	Mysore University	
	Year	1986	
Past Experience			
Teaching	Institution	S N Mudbidri Polytechnic Moodabidri	
	Position	Lecturer in E & E	
	From	1-9-1986	
	To	14-11-1987	
Areas of Interest			
1.	High voltage Engineering		
2.	Power Systems		
3.	Power Electronics		

4.	Renewable Energy Sources
Departmental Responsibilities	
1.	Former Head of Dept. E&E, NMAMIT
2.	M.Tech (P.G) Coordinator- Power Electronics
3.	M.Tech (P.G) Coordinator- Microelectronics & Control Systems
4.	BOE/ BOS Member for U.G and P.G
Professional Memberships	
1.	MISTE –LM 07703
2.	ISSE – LM 02185
Subjects Handled	
1.	Basic Electrical Engineering.
2.	Electrical Circuits / Electrical Networks
3.	Power Electronics / Power Semiconductor Devices
4.	Switch Gear & Protection
5.	High Voltage Engineering
6.	Industrial Management,Electrical Estimation &Economics
7.	Renewable Energy Sources
8.	Illumination Technology
9.	Power System Analysis & Stability
<p>B.E., M. Tech, PhD projects guided Details</p> <p>(Name of the Project/ Name of students/ Year)</p> <p>If you don't have the details kindly mention the number of Projects Guided year wise</p>	

M.Tech	26 M.Tech Project works guided
1.	Advanced dual output DC-DC converter for micro grid application.
2.	An improved non-isolated DC-DC converter for PV and battery application
3.	Compact tester for testing automotive instrument cluster
4.	Design and implementation of SEPIC for PV application
5.	Implementation of dual output DC-DC boost converter
6.	Five level inverter for renewable power generation system.
B.E	50 U.G Project Works Guided
1.	Residential Elevator
2.	Data logger with battery management system
Conference/Journal publications	
Kindly follow the format (Author(s) / Title/ Journal Name / Vol/ Issue /Date/Page)	
International Conferences	
1.	Speech Based Computer Interactive system to monitor industrial voltage and control system. - International conference on emerging trends in engineering held at NMAMIT-Nitte on 4th and 5th may 2011 Published in International Conference proceedings
2.	Design of Low area & Low power Architecture for Digital FIR filter- CETE-2014 held at NMAMIT Nitte during 15th- 17th May 2014.
National Conferences	
1.	Five level inverter for renewable power generation system
2.	Dual output DC-DC Converter for DC microgrid application.
3.	Design of SEPIC for Photovoltaic applications.

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.	Three National conference (NCAEE)s at NMAMIT Nitte
2.	Faculty development program(FDP)
3.	Member of review committee ICETE at NMAMIT Nitte