


Name: Mahadevi Biradar		
Designation: Associate Professor		
Education Qualification	M.E (Power Electronics)	<p style="text-align: center;">Photo</p> 
Teaching Experience	33 years	
Area of Interest	Power Electronics, Embedded systems, Electrical machines.	
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<p>List of Papers Published in International / National Journals</p> <ul style="list-style-type: none"> • “<i>Bidirectional Double -Boost DC-DC Converter</i>”- International Journal of Engineering Trends and Technology (IJETT), 35, 2016. • “<i>Speed sensorless Vector Control of Induction Motor using Reduced Order Extended Kalman Filter</i>” - International Journal of Innovative Science Engineering & Technology, 3, 2016. • “<i>A seven & Thirteen Level Multilevel Inverter Topology for Power grid</i>” - International Journal of Scientific Engineering & Technology Research, 5, 32, 2016 • “<i>Buck –Boost resonant DC-DC Converters with AC link</i>” - International Journal of Science Engineering & Technology (IJSETR), 5, 3, 795-800, 2016. • “<i>Simulation of DC-DC Converter with Linear Transformers.</i>” - International Journal of Electronics, Electrical and Computational System IJEECS, 6, 4, 2348-117x.-2016 • “<i>Zeta Converter Fed BLDC Motor Drive for Enhancement of Power Quality</i>” - International Journal of Engineering Technology (IRJET), 3, 7. - 2016 • “<i>High Current Gain Multilevel Inverter Using Linear circuit.</i>”- International Journal of Engineering Technology Science and Research IJETSR, 4, 4.- 2017 • “<i>Eco Smart Decomposer</i>”- International Journal of Scientific Research on Computer Science, Engineering & Information Technology. - 2018 • “<i>Speed Control of Single-phase Induction Motor using Cycloconverter.</i>”- Journal of Emerging Technologies and Innovative Research, 5, 7. – 2018 • “<i>AC/DC Micro grid Involving Energy Storage Using PV-Wind Power</i>”- International Journal of Research in Advent Technology, 6, 6. - 2018 		
<p>List of Papers Published in International /National Conferences:</p>		
<p>The role in curriculum development of Electrical & Electronics Engineering Program.</p> <ul style="list-style-type: none"> • Mentors for Students • Chairman of Department Advisory Program Committee (DAP) • Chairman of Board of Examination (E&E) • Member of Board of Studies (E&E) 		
<p>Details of membership of Professional Bodies</p> <p>Life Member of I E T E (Institution of Electronics & Telecommunication Engineers), ISTE (Indian Society for Technical Education), IEI (The Institution of Engineers India)</p>		

Invited Guest Lecture :**Workshops Attended:**

S No.	Name of Training Program	Conducted / Attended	Name of the Sponsoring Agency	Duration From - To	Venue
01	Cyber Security	Attended	TEQIP-III	14 th to 18 th March 2019 (One Week)	Dept of CSE PDACEK
02	Power Electronics and Drives	Attended	EEE Department TEQIP-III	5 th to 10 th March 2018 (05 days)	PDACE Kalburgi
03	Control of Power Electronic Converters for Smart Power System	Attended	AICTE TEQIP-III	15 th to 20 th July 2019 (One week)	NMAM Institute of Technology, Nitte, Karkala . Udupi
04	“Electric Vehicles – controls, Motors, Storage and Technologies”	Conducted	EEE Department TEQIP-III	03 rd to 07 th September 2019	PDACE Kalburgi

Workshops organized: