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<b>Designation: Associate Professor</b>		
<b>Education Qualification</b>	M.E (PowerElectronics)	
<b>Teaching Experience</b>	33 years	
<b>Area of Interest</b>	Power Electronics, Embedded systems, Electrical machines.	
<b>Email-id</b>	Mahadevibiradar49@gmail.com	
<b>Contact No.</b>	8277465316	
<b>List of Papers Published in International / National Journals</b>		
<ul style="list-style-type: none"> <li>• “<i>Bidirectional Double -Boost DC-DC Converter</i>”- <b>International Journal of Engineering Trends and Technology (IJETT)</b>,35, 2016.</li> <li>• “<i>Speed sensorless Vector Control of Induction Motor using Reduced Order Extended Kalman Filter</i>” - <b>International Journal of Innovative Science Engineering &amp; Technology</b>,3, 2016.</li> <li>• “<i>A seven &amp; Thirteen Level Multilevel Inverter Topology for Power grid</i>” - <b>International Journal of Scientific Engineering &amp; Technology Research</b>, 5, 32, 2016</li> <li>• “<i>Buck –Boost resonant DC-DC Converters with AC link</i>” - <b>International Journal of Science Engineering &amp; Technology (IJSETR)</b>, 5, 3, 795-800, 2016.</li> <li>• “<i>Simulation of DC-DC Converter with Linear Transformers.</i>” - <b>International Journal of Electronics, Electrical and Computational System IJEECS</b>, 6, 4, 2348-117x.-2016</li> <li>• “<i>Zeta Converter Fed BLDC Motor Drive for Enhancement of Power Quality</i>” - <b>International Journal of Engineering Technology (IRJET)</b>, 3, 7. - 2016</li> <li>• “<i>High Current Gain Multilevel Inverter Using Linear circuit.</i>”- <b>International Journal of Engineering Technology Science and Research IJETSR</b>, 4, 4.- 2017</li> <li>• “<i>Eco Smart Decomposer</i>”- <b>International Journal of Scientific Research on Computer Science, Engineering &amp; Information Technology.</b> - 2018</li> <li>• “<i>Speed Control of Single-phase Induction Motor using Cycloconverter.</i>”- <b>Journal of Emerging Technologies and Innovative Research</b>, 5, 7. – 2018</li> <li>• “<i>AC/DC Micro grid Involving Energy Storage Using PV-Wind Power</i>”- <b>International Journal of Research in Advent Technology</b>, 6, 6. - 2018</li> </ul>		
<b>List of Papers Published in International /National Conferences:</b>		
<b>The role in curriculum development of Electrical &amp; Electronics Engineering Program.</b>		
<ul style="list-style-type: none"> <li>• Mentors for Students</li> <li>• Chairman of Department Advisory Program Committee (DAP)</li> <li>• Chairman of Board of Examination (E&amp;E)</li> <li>• Member of Board of Studies (E&amp;E)</li> </ul>		
<b>Details of membership of Professional Bodies</b>		
Life Member of I E T E (Institution of Electronics & Telecommunication Engineers), ISTE (Indian Society for Technical Education), IEI (The Institution of Engineers India)		

**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 <sup>th</sup> to 18 <sup>th</sup> March 2019 (One Week)	Dept of CSE PDACEK
02	Power Electronics and Drives	Attended	EEE Department TEQIP-III	5 <sup>th</sup> to 10 <sup>th</sup> March 2018 (05 days)	PDACE Kalburgi
03	Control of Power Electronic Converters for Smart Power System	Attended	AICTE TEQIP-III	15 <sup>th</sup> to 20 <sup>th</sup> 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 <sup>rd</sup> to 07 <sup>th</sup> September 2019	PDACE Kalburgi
05	Effective Teaching and Learning in OBE & Life Skills for Engineering	Attended	Seminar	9 <sup>th</sup> March 2019	Kalaburagi
06	Control of power Electronic converters for Smart Power Systems	Attended	Training	5 <sup>th</sup> to 20 <sup>th</sup> July 2019	Nitte
07	Graphical system Design Engineering Research Applications	Attended	Training	09 <sup>th</sup> to 13 <sup>th</sup> Aug 2019	Kalaburagi
08	Solar PV Rooftop	Attended	Entrepreneurship	4 <sup>th</sup> to 8 <sup>th</sup> feb 2019	Bengaluru
09	World Class Institutions and Road Map to NBA	Attended	Workshop	31 <sup>st</sup> August	Kalaburagi
10	Peadgogically Skills Training for Engineering Teachers	Attended	FDP	27 <sup>th</sup> to 3 <sup>rd</sup> March 2017	Kalaburagi

**Workshops organized:**

Five days FDP program on “Electric Vehicles- Controls, Motors, Storage and Technologies” from 03-09-2019 to 07-09-2019.