


### Faculty Information

Sl. No.	Information														
1.	Name: Contact address: Phone Number: E-mail ID:	<b>Dr. Deepa K.</b> <b>Assistant Professor, Department of E&amp;E Engineering, MCE</b>  <b>+91 9176801757</b> <b>kd@mcehassan.ac.in</b>													
2.	Qualification:	<b>Ph. D.</b>													
3.	Date of Joining:	<b>27.08.2021</b>													
4.	Position held:	<b>Present designation: Assistant Professor</b>													
5.	Research Interest:	<b>Condition Monitoring for Identification and Detection Fault in Electrical Machines</b>													
6.	Publications:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">International Journals</th> <th style="text-align: center;">National Journals</th> <th style="text-align: center;">International Conferences</th> <th style="text-align: center;">National Conferences</th> <th style="text-align: center;">TOTAL</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><b>6</b></td> <td style="text-align: center;"><b>-</b></td> <td style="text-align: center;"><b>2</b></td> <td style="text-align: center;"><b>1</b></td> <td style="text-align: center;"><b>9</b></td> </tr> </tbody> </table>				International Journals	National Journals	International Conferences	National Conferences	TOTAL	<b>6</b>	<b>-</b>	<b>2</b>	<b>1</b>	<b>9</b>
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<b>6</b>	<b>-</b>	<b>2</b>	<b>1</b>	<b>9</b>											
	<p><b>1. International Conferences</b></p> <p>1. <b>Deepa K</b> &amp; Vanaja Ranjan P, “Improved Energy Efficient Salient pole Machine”, International conference on electrical engineering and technology ICEET’12, on 20-21st April 2012, Muthayammal Engineering College, Rasipuram.</p> <p>2. Ramesh V &amp; <b>Deepa K</b>, Vanaja Ranjan P, “Non Destructive Analysis of Three Phase Induction Machine Fault Diagnosis”, international conference on innovations in intelligent instrumentation, Optimization and signal processing (2013).</p>														
	<p><b>2. National Conferences</b></p> <p>1. <b>Deepa K</b> &amp; Ganesan P, “A Novel ZVS &amp; ZCS by using Full Bridge Converter”, national conference on Innovative Strategies on Power Systems and Power Electronic Drives (ISPSPED’07), on 16<sup>th</sup> March 2007, Sona College of Technology, Salem.</p>														
	<p><b>3. International Journals</b></p> <p>1. <b>Deepa K</b>, &amp; Vanaja Ranjan P, “Fault Detection and Identification in Three Phase Transformer”, Australian Journal of Basic and Applied Sciences, vol. 33, no. 9, pp. 257 - 263 (2015).</p> <p>2. <b>Deepa K</b>, Vanaja Ranjan P, &amp; Deepa S, “Diagnosis of stator winding short circuit fault in Three phase squirrel cage induction motor”, International Review on Modeling and Simulation, vol. 6, no. 6, pp. 1884 – 1890 (2013).</p> <p>3. Thiyagarajan S &amp; <b>Deepa K</b>, “Embedded Instrumentation for Smart Grid Equipment’s Condition Monitoring”, International Journal of Engineering Trends and Technology (IJETT), vol. 22, no, 11, pp.508 – 512 (2015).</p> <p>4. Ramesh V &amp; <b>Deepa K</b>, Vanaja Ranjan P, “Non Destructive Analysis of Three Phase Induction Machine Fault Diagnosis”, Journal of Electrical Engineering.</p>														

		<p>5. Durga Devi R &amp; <b>Deepa K</b>, “Comparative Analysis of Mppt Methods for Cuk Converter Based Solar PV System” International Journal of Pure and Applied Mathematics Vol. 118 no. 22, pp.1555-1561(2018).</p> <p>6. <b>Deepa K</b> &amp; Durga Devi R,” Analysis of Salient Pole Generator Using Finite Element Method”, International Journal of Pure and Applied Mathematics, Vol. 118 no. 22, pp. 1543-1547 (2018).</p>
7.	Honors and Awards	have a distinction certificate in basics of computer
8.	Workshops/ FDP/ STTP Conducted and Attended	<p><b>Workshops/FDP/STTP Attended</b></p> <ol style="list-style-type: none"> <li>1. One-Week FDP on “<b>EE2202 Electromagnetic Theory</b>” during 7th to 13th June 2010, organized by Department of Electrical and Electronics Engineering, Anna University, Chennai.</li> <li>2. One-Week FDP on “<b>EE2025 Intelligent Control</b>” during 19th to 26h June 2013, organized by Department of Electrical and Electronics Engineering, Anna University, Chennai.</li> <li>3. One-day workshop on “<b>IEEE Xplore Digital Library user Awareness</b>” organized by Department of Electrical and Electronics Engineering, Anna University, Chennai, held on 18<sup>th</sup> November, 2013.</li> <li>4. One day professional development programme on “<b>Scholarship And Research</b>” held on 17th february, 2018 at IEEE madras section, gandhi mandapam road, chennai 600025.</li> <li>5. Two day UGC sponsored short - term course on “ Research methodology, thchniques of writing research articles for SCI journals and Ph.D thesis preparation” held on 8th &amp; 9th march 2013 at Department of Electrical and Electronics Engineering, Anna University, Chennai.</li> <li>6. one week CSIR Sponsered seminar on “ Electrical derives and embedded control held on 17th to 21st december 2012 at Department of Electrical and Electronics Engineering, Anna University, Chennai.</li> </ol>
9.	Achivements	<ol style="list-style-type: none"> <li>1. Has a teaching experience of 8 years 3 months.</li> <li>2. Has guided 2 M.Tech students for their project work.</li> <li>3. Has guided a mini project for B.Tech.</li> <li>4. Coordinated in writing a book chapter called Measurements of Instrumentation of Basic Electrical Engineering book for Tamil Medium Engineering student, Anna University.</li> <li>5. Skills on Magnet, Ansoft, MATLAB, MEMS package - infolitica,</li> </ol>
10.	Memberships	-

11.	Photo		
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