



# DON BOSCO INSTITUTE OF TECHNOLOGY

MYSORE ROAD, KUMBALAGODU, BANGALORE. 560 074.



## Department of CSE(AI&ML)

Name	: Dr Manu K S	
Designation	: Associate Professor	
Mail ID	: drmanuks@dbit.co.in	
LinkedIn ID	: <a href="https://www.linkedin.com/in/dr-manu-k-s-15a2571aa">https://www.linkedin.com/in/dr-manu-k-s-15a2571aa</a>	
<b>Educational Qualification</b>	<p><b>Ph.D – Title:</b> Designing a Gaussian Mixture Model Algorithm using Background Identification for High Definition video Segmentation --SSAHE Tumkur, 2019.</p> <p><b>M. Tech-Specialization:</b> Digital Electronics &amp; communication –VTU,2011.</p> <p><b>B.E- Branch:</b> Electronics &amp; communication –VTU, 2008.</p>	
<b>Experience</b>	<b>Teaching</b>	<b>14</b>
	<b>Research</b>	<b>5</b>
	<b>Industry</b>	<b>NIL</b>
<b>Area of Research Interests</b>	<ul style="list-style-type: none"> <li>• Digital Image Processing.</li> <li>• Artificial Neural Network (ANN)</li> <li>• Artificial Intelligence (AI)</li> </ul>	
<b>Publications</b>	<b>National Conferences: 2</b>	<b>International Conferences: 4</b>
	<b>National Journals: 0</b>	<b>International Journals: 5</b>
<b>Memberships of Professional bodies</b>	<p>Life time Membership-- The Institution of Engineers (India) [IEI]</p> <p>CSI</p>	
<b>Awards / Honors Received</b>	Design Patent grant on “Automated Aerial Vehicle”, Application No. 354840-001, 2024	
	Best paper award “A Machine learning based smart grid for home power management using cloud-edge computing system” 2023	
	Best paper award “FPGA Implementation Of Object Detection In Background Modeling Using Gaussian Mixture Model” 2022	